National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : REGIONAL LABORATORY, GUJARAT POLLUTION CONTROL BOARD, REVENUE SURVEY NO. 476/2, PLOT NO. 42 TO 44/4, RACE COURSE RING ROAD, RAJKOT, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 31/01/2022 to 30/01/2024 **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- ATMOSPHERIC POLLUTION	Ambient Air Quality	Nitrogen Dioxide (NO2)	IS: 5182 (Part – VI)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Particulate Matter (Particle size less than 10µm/PM10)/ Respirable Suspended Particulate Matter	IS: 5182 (Part - XXIII)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	Sulphur Dioxide (SO2)	IS: 5182 (Part - 2)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (as NO2)	IS:11255 (Part-7)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS: 11255 (Part – 1)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS: 11255 (Part – 2)
7	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonia Nitrogen as NH3-N	APHA 23nd Edition : -4500 – NH3 B & C
8	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bio-chemical Oxygen Demand, 3 days, 27°C	IS 3025 Part – 44
9	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23ND EDI. 3500-Ca B
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23nd Edition : -5220 –C
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride as Cl	APHA 23ND EDI. 4500-Cl- -B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23ND EDI. 4500-O-B,C
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23ND EDI. 3500-Mg B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23nd Edition : 5520 – -B
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Percent Na	GPCB Scientific Manual Section II A -19
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH Value	IS: 3025 (Part – 11)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23nd Edition : -3500 –K –B

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium Absorption Ratio	GPCB Scientific Manual Section II A -19
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23nd Edition : -3500 –Na-B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate as SO4	APHA 23nd Edition : - 4500 SO4 E
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23ND EDI. 2540 C
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23ND EDI. 2340
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23ND EDI. 2540 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23ND EDI. 2540 D
25	CHEMICAL- WATER	Ground Water	Ammonia Nitrogen as NH3-N	APHA 23nd Edition : -4500 –NH3 B & C
26	CHEMICAL- WATER	Ground Water	Bio-chemical Oxygen Demand, 3 days, 27°C	IS 3025 (Part – 44)
27	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23ND EDI. 3500-Ca B
28	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23nd Edition : -5220 –B
29	CHEMICAL- WATER	Ground Water	Chloride as Cl	APHA 23ND EDI. 4500-Cl- -B
30	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23ND EDI. 4500-O-B,C
31	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23ND EDI. 3500-Mg B
32	CHEMICAL- WATER	Ground Water	Percent Na	Calculation method (GPCB Manual,19)
33	CHEMICAL- WATER	Ground Water	pH Value	IS: 3025 (Part – 11)
34	CHEMICAL- WATER	Ground water	Potassium as K	APHA 23nd Edition : -3500 –K –B
35	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio	Calculation method(GPCB Manual,19)
36	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23nd Edition : -3500 –Na-B
37	CHEMICAL- WATER	Ground Water	Sulphate as SO4	APHA 23nd Edition : - 4500 SO4 E
38	CHEMICAL- WATER	Ground water	Total Dissolved Solids	APHA 23ND EDI. 2540 C
39	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23ND EDI. 2340

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40	CHEMICAL- WATER	Ground water	Total Solids	APHA 23ND EDI. 2540 B
41	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23ND EDI. 2540 D
42	CHEMICAL- WATER	Surface Water	Ammonia Nitrogen as NH3-N	APHA 23nd Edition : -4500 –NH3 B & C
43	CHEMICAL- WATER	Surface Water	Bio-chemical Oxygen Demand, 3 days, 27°C	IS – 3025 (Part - 44)
44	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23ND EDI. 3500-Ca B
45	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23nd Edition : -5220 –B
46	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA 23ND EDI. 4500-Cl- -B
47	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23ND EDI. 4500-O-B,C
48	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23ND EDI. 3500-Mg B
49	CHEMICAL- WATER	Surface Water	Percent Na	Calculation method (GPCB Manual,19)
50	CHEMICAL- WATER	Surface Water	pH Value	IS: 3025 (Part – 11)
51	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23nd Edition : -3500 –K –B
52	CHEMICAL- WATER	Surface Water	Sodium Absorption Ratio	Calculation method (GPCB Manual,19)
53	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23nd Edition : -3500 –Na-B
54	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA 23nd Edition : - 4500 SO4 E
55	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23ND EDI. 2540 C
56	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23ND EDI. 2340
57	CHEMICAL- WATER	surface water	Total Solids	APHA 23ND EDI. 2540 B
58	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23ND EDI. 2540 D