National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CENTRAL LABORATORY, GUJARAT POLLUTION CONTROL BOARD, PARYAVARAN BHAVAN, SEC 10 A, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 12/07/2021 to 11/07/2023 **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	BIOLOGICAL-ENVIRONMENT AND POLLUTION	water and wastewater	Estimation of Fecal Coli forms	APHA 23rd Edition 9221 E
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	water and wastewater	Estimation of Total Coli forms	APHA 23rd Edition 9221 B
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	water and wastewater	Test for Escherichia Coli	APHA 23rd Edition 9221 G
4	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Ammonia	IS:11255(Part-VI)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Carbon Disulphide	IS : 11255 (Part-IV)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Carbon disulphide	IS: 5182 (Part-XX)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Chlorine	IS 5182 (Part XIX)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Chlorine	IS 5182 (Part XIX)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Hydrogen Sulphide	IS : 11255 (Part-IV)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Air	Hydrogen Sulphide	IS: 5182 (Part-VII)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Air	NO2	IS : 11255 (Part- VII)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Air	NO2	IS: 5182 (Part – VI)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Air	PM	IS: 11255 (Part -I)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Air	RSPM (PM 10)	IS: 5182 (Part - XXIII)
15	CHEMICAL- ATMOSPHERIC POLLUTION	Air	SO2	IS: 11255 (Part-II)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Air	SO2	IS: 5182 (Part - II)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Air	SPM	IS: 5182 (Part - IV)

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	% Potassium	Calculation method. (GPCB Manual 19) Based on IS; 3027 Part 45
19	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	%Na	Calculation method. (GPCB Manual 19) Based on IS; 3027 Part 45
20	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Acidity	APHA 23rd edition 2310 B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Alkalinity	APHA 23rd edition 2320 B
22	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Aluminum	USEPA 6020 A & 6020 B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Ammonia Nitrogen	APHA 23rd edition 4500 NH3 B &C
24	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Antimony	USEPA 6020 A & 6020 B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Arsenic	USEPA 6020 A & 6020 B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Barium	USEPA 6020 A & 6020 B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Beryllium	USEPA 6020 A & 6020 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	BOD	IS 3025 (Part 44)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Boron	APHA 23rd edition. 4500-B B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cadmium	APHA 23rd edi. 3111B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cadmium	USEPA 6020 A & 6020 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Calcium	APHA 23rd edition 3500-Ca B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Chloride	APHA 23rd edition: 4500 Cl-B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Chromium	APHA 23rd edi. 3111B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Chromium	USEPA 6020 A & 6020 B

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36	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cobalt	USEPA 6020 A & 6020 B
37	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	COD	APHA 23rd edition - 5230 B
38	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Colour	IS: 3025 (Part-4)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Conductivity	APHA 23rd edition.2510 B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Copper	APHA 23rd edi. 3111B
41	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Copper	USEPA 6020 A & 6020 B
42	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Cyanide	APHA 23rd edi.4500 - CN- E
43	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Fluoride	APHA 23rd edition 4500-F-C
44	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Hexavalent Chromium	APHA 23rd edition-3500-Cr B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Iron	APHA 23rd edi. 3111B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Iron	USEPA 6020 A & 6020 B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Lead	APHA 23rd edi. 3111B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Lead	USEPA 6020 A & 6020 B
49	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Lithium	USEPA 6020 A & 6020 B
50	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Magnesium	APHA 23rd edition 3500-Mg B
51	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Manganese	APHA 23rd edition 3500-Mn B
52	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Manganese	USEPA 6020 A & 6020 B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Molybdenum	USEPA 6020 A & 6020 B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nickel	APHA 23rd edi. 3111B

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55	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nickel	USEPA 6020 A & 6020 B
56	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nitrate Nitrogen	APHA 23rd t ed. 4500-NO3-E
57	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Nitrite Nitrogen	APHA 23rd edition 4500-NO2 B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Oil & Grease (mineral oil)	APHA 23rd edition 5520 B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	pH Value	IS: 3025 (Part-11)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Phenolic Compound	APHA 23rd edition 5530 D
61	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Phosphate	APHA 23rd edition 4500 – P D
62	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Potassium	APHA 23rd edition 3500-K-B
63	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Residual Chlorine	APHA 23rd edition : 4500 Cl
64	CHEMICAL- POLLUTION & ENVIRONMENT	wastewater	SAR	Calculation method. (GPCB Manual 19) Based on IS; 3027 Part 45
65	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Selenium	USEPA 6020 A & 6020 B
66	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Silver	USEPA 6020 A & 6020 B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sodium	APHA 23rd edition 3500- Na- B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sulphate	APHA 23rd edition - 4500 SO4 E
69	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Sulphides	APHA 23rd edition 4500-S2 D
70	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Temperature	IS: 3025 (Part-9)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Dissolved Solids	APHA 23rd edition 2540 C
72	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Hardness	APHA 23rd edi:2340

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73	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Kjeldahl Nitrogen	APHA 23rd edition 4500-Norg-B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Solid	APHA 23rd edition 2540 B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Total Suspended Solids	APHA 23rd edition.2540 D
76	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Turbidity	APHA 23rd edition 2130 B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Volatile & Fixed residue	APHA 23rd edition .2540 E
78	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Zinc	APHA 23rd edi. 3111B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Wastewater	Zinc	USEPA 6020 A & 6020 B
80	CHEMICAL- POLLUTION & ENVIRONMENT	Wsatewater	Dissolved O2	APHA 23rd edition. 4500-O-C
81	CHEMICAL- WATER	Ground Water and Surface Water	Acidity	APHA 23rd edition 2310 B
82	CHEMICAL- WATER	Ground Water and Surface Water	Alkalinity	APHA 23rd edition 2320 B
83	CHEMICAL- WATER	Ground Water and Surface Water	Aluminum	USEPA 6020 A & 6020 B
84	CHEMICAL- WATER	Ground Water and Surface Water	Ammonia Nitrogen	APHA 23rd edition 4500 NH3 B & C
85	CHEMICAL- WATER	Ground Water and Surface Water	Antimony	USEPA 6020 A & 6020 B
86	CHEMICAL- WATER	Ground Water and Surface Water	Arsenic	USEPA 6020 A & 6020 B
87	CHEMICAL- WATER	Ground Water and Surface Water	Barium	USEPA 6020 A & 6020 B
88	CHEMICAL- WATER	Ground Water and Surface Water	Beryllium	USEPA 6020 A & 6020 B
89	CHEMICAL- WATER	Ground Water and Surface Water	BOD	IS 3025 (Part 44)
90	CHEMICAL- WATER	Ground Water and Surface Water	Boron	APHA 23rd edition 4500-B B
91	CHEMICAL- WATER	Ground Water and Surface Water	Cadmium	APHA 23rd edi. 3111B
92	CHEMICAL- WATER	Ground Water and Surface Water	Cadmium	USEPA 6020 A & 6020 B
93	CHEMICAL- WATER	Ground Water and Surface Water	Calcium	APHA 23rd edition 3500-Ca B
94	CHEMICAL- WATER	Ground Water and Surface Water	Chloride	APHA 23rd edition4500 Cl-B
95	CHEMICAL- WATER	Ground Water and Surface Water	Chromium	APHA 23rd edi. 3111B
96	CHEMICAL- WATER	Ground Water and Surface Water	Chromium	USEPA 6020 A & 6020 B
97	CHEMICAL- WATER	Ground Water and Surface Water	Cobalt	USEPA 6020 A & 6020 B

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98	CHEMICAL- WATER	Ground Water and Surface Water	COD	APHA 23rd edition 5230 B
99	CHEMICAL- WATER	Ground Water and Surface Water	Colour	IS: 3025 (Part-IV)
100	CHEMICAL- WATER	Ground Water and Surface Water	Conductivity	APHA 23rd edition2510 B
101	CHEMICAL- WATER	Ground Water and Surface Water	Copper	APHA 23rd edi. 3111B
102	CHEMICAL- WATER	Ground Water and Surface Water	Copper	USEPA 6020 A & 6020 B
103	CHEMICAL- WATER	Ground Water and Surface Water	Dissolved O2	APHA 23rd edition 4500-O-C
104	CHEMICAL- WATER	Ground Water and Surface Water	Fluoride	APHA 23rd edition 4500-F-C
105	CHEMICAL- WATER	Ground Water and Surface Water	Iron	APHA 23rd edi. 3111B
106	CHEMICAL- WATER	Ground Water and Surface Water	Iron	USEPA 6020 A & 6020 B
107	CHEMICAL- WATER	Ground Water and Surface Water	Lead	APHA 23rd edi. 3111B
108	CHEMICAL- WATER	Ground Water and Surface Water	Lead	USEPA 6020 A & 6020 B
109	CHEMICAL- WATER	Ground Water and Surface Water	Lithium	USEPA 6020 A & 6020 B
110	CHEMICAL- WATER	Ground Water and Surface Water	Magnesium	APHA 23rd edition 3500-Mg B
111	CHEMICAL- WATER	Ground Water and Surface Water	Manganese	USEPA 6020 A & 6020 B
112	CHEMICAL- WATER	Ground Water and Surface Water	Molybdenum	USEPA 6020 A & 6020 B
113	CHEMICAL- WATER	Ground Water and Surface Water	Nickel	APHA 23rd edi. 3111B
114	CHEMICAL- WATER	Ground Water and Surface Water	Nickel	USEPA 6020 A & 6020 B
115	CHEMICAL- WATER	Ground Water and Surface Water	Nitrate Nitrogen	APHA 23rd t ed. 4500-NO3-E
116	CHEMICAL- WATER	Ground Water and Surface Water	Nitrite Nitrogen	APHA 23rd edition 4500-NO2 B
117	CHEMICAL- WATER	Ground Water and Surface Water	pH Value	IS: 3025 (Part-11)
118	CHEMICAL- WATER	Ground Water and Surface Water	Phosphate	APHA 23rd edition 4500-P D
119	CHEMICAL- WATER	Ground Water and Surface Water	Potassium	APHA 23rd edition 3500-K-B
120	CHEMICAL- WATER	Ground Water and Surface Water	Selenium	USEPA 6020 A & 6020 B
121	CHEMICAL- WATER	Ground Water and Surface Water	Silver	USEPA 6020 A & 6020 B
122	CHEMICAL- WATER	Ground Water and Surface Water	Sodium	APHA 23rd edition 3500- Na- B
123	CHEMICAL- WATER	Ground Water and Surface Water	Sulphate	APHA 23rd edition - 4500 SO4
124	CHEMICAL- WATER	Ground Water and Surface Water	Temperature	IS: 3025 (Part-9)
125	CHEMICAL- WATER	Ground Water and Surface Water	Total Dissolved Solids	APHA 23rd edition 2540 C
126	CHEMICAL- WATER	Ground Water and Surface Water	Total Hardness	APHA 23rd edition 2340
127	CHEMICAL- WATER	Ground Water and Surface Water	Total Kjeldahl Nitrogen	APHA 23rd edition 4500-Norg-B

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128	CHEMICAL- WATER	Ground Water and Surface Water	Total Suspended Solids	APHA 23rd edition 2540 D
129	CHEMICAL- WATER	Ground Water and Surface Water	Turbidity	APHA 23rd edition 2130 B
130	CHEMICAL- WATER	Ground Water and Surface Water	Zinc	APHA 23rd edi. 3111B
131	CHEMICAL- WATER	Ground Water and Surface Water	Zinc	USEPA 6020 A & 6020 B