National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ALLIED LAB AND RESEARCH CENTRE, OFFICE NO. 206A, 206B, 206C, 206D, FORTUNE MALL, VIA ROAD, GIDC, VAPI, VALSAD, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/05/2023 to 15/05/2025 **Last Amended on** 30/05/2023

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	Ammonia	IS 5182 (Part 25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 (Part 19)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Hydrogen Sulphide (H2S)	IS 5182 (Part 7)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 (Part 6)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	IS 5182 (Part 24)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part 2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Disulfide (CS2)	IS 11255 (Part 4)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulfide (H2S)	IS 11255 (Part 4)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Aluminum	APHA 23rd Edition 3500-Al
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Aluminum	IS 3025 (Part 55)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Ammonical Nitrogen	APHA 23rd Edition 4500-NH3
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Ammonical Nitrogen	IS 3025 (Part 34)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Biochemical Oxygen Demand (BOD) (for 03 days at 27 °C)	IS 3025 (Part 44)

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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
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Calcium	APHA 23rd Edition 3500 Ca
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Calcium	IS 3025 (Part 40)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Calcium Hardness	APHA 23rd Edition 3500 Ca
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Calcium Hardness	IS 3025 (Part 40)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Chemical Oxygen Demand (COD)	IS 3025 (Part 58)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Chloride	APHA 23rd Edition 4500-Cl
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Chloride	IS 3025 (Part 32)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Color	APHA 23rd Edition 2120
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Conductivity (at 25 °C)	APHA 23rd Edition 2510
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Conductivity (at 25 °C)	IS 3025 (Part 14)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Copper	IS 3025 (Part 42)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Dissolved Oxygen (DO)	APHA 23rd Edition 4500-C
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Dissolved Oxygen (DO)	IS 3025 (Part 38)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Fixed Residue	APHA 23rd Edition 2540
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Fixed Residue	IS 3025 (Part 18)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Fluoride	APHA 23rd Edition 4500-F
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Free Residual Chlorine	APHA 23rd Edition 4500-Cl
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Free Residual Chlorine	IS 3025 (Part 26)

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Hexavalent Chromium	APHA 23rd Edition 3500 Cr
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Hexavalent Chromium	IS 3025 (Part 52)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Iron	IS 3025 (Part 53)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Lead	IS 3025 (Part 47)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Magnesium	APHA 23rd Edition 3500 Mg
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Magnesium Hardness	APHA 23rd Edition 3500 Mg
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Nitrate	APHA 23rd Edition 4500-NO3
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Nitrite	APHA 23rd Edition 4500-NO2
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Oil & Grease	IS 3025 (Part 39)
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	pH	APHA 23rd Edition 4500-H+
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	pH	IS 3025 (Part 11)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Phosphate	APHA 23rd Edition 4500-P
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Phosphate	IS 3025 (Part 31, Section 1)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Potassium	APHA 23rd Edition 3500-K
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Potassium	IS 3025 (Part 45)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Sodium	APHA 23rd Edition 3500-Na
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Sodium	IS 3025 (Part 45)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Sulphate	APHA 23rd Edition 4500-SO4
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Sulphate	IS 3025 (Part 24, Section 1)

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57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Temperature	IS 3025 (Part 9)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Acidity	APHA 23rd Edition 2310
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Acidity	IS 3025 (Part 22)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Alkalinity	APHA 23rd Edition 2320
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Alkalinity	IS 3025 (Part 23)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Hardness	APHA 23rd Edition 2340
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Hardness	IS 3025 (Part 21)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Kjehldahl Nitrogen (TKN)	APHA 23rd Edition 4500-Norg
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Phenol	APHA 23rd Edition 5530
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Phenol	IS 3025 (Part 43, Section 1)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Solids (TS)	APHA 23rd Edition 2540
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Solids (TS)	IS 3025 (Part 15)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Suspended Solid (TSS)	IS 3025 (Part 17)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Total Suspended Solids (TSS)	APHA 23rd Edition 2540
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Turbidity	APHA 23rd Edition 2130
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Turbidity	IS 3025 (Part 10)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Volatile Solids	APHA 23rd Edition 2540

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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
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Volatile Solids	IS 3025 (Part 18)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	Zinc	IS 3025 (Part 49)
78	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead	IS 3025 (Part 47)
79	CHEMICAL- RESIDUES IN WATER	Packaged Drinking Water	Lead	IS 3025 (Part 47)
80	CHEMICAL- WATER	Drinking Water	Ammonia	APHA 23rd Edition 4500-NH3
81	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 (Part 34)
82	CHEMICAL- WATER	Drinking Water	Calcium	APHA 23rd Edition 3500 Ca
83	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
84	CHEMICAL- WATER	Drinking Water	Chloride	APHA 23rd Edition 4500-Cl
85	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
86	CHEMICAL- WATER	Drinking Water	Colour	APHA 23rd Edition 2120
87	CHEMICAL- WATER	Drinking Water	Copper	IS 3025 (Part 42)
88	CHEMICAL- WATER	Drinking Water	Fluoride	APHA 23rd Edition 4500-F
89	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	APHA 23rd Edition 4500-Cl
90	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
91	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part 53)
92	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 23rd Edition 3500 Mg
93	CHEMICAL- WATER	Drinking Water	Nitrate	APHA 23rd Edition 4500-NO3
94	CHEMICAL- WATER	Drinking Water	Nitrite	APHA 23rd Edition 4500 - NO2
95	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
96	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500-H+
97	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
98	CHEMICAL- WATER	Drinking Water	Phenolic Compound	IS 3025 (Part 43, Section 1)
99	CHEMICAL- WATER	Drinking Water	Phosphate	APHA 23rd Edition 4500-P
100	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31, Section 1)
101	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 23rd Edition 4500-SO4
102	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24, Section 1)
103	CHEMICAL- WATER	Drinking Water	Total Alkalinity	AHPA 23ed Edition 2320

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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
104	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
105	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540
106	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
107	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA 23rd Edition 2340
108	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
109	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Edition 2130
110	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
111	CHEMICAL- WATER	Drinking Water	Zinc	IS 3025 (Part 49)
112	CHEMICAL- WATER	Ground Water	Chloride	APHA 23rd Edition 4500-Cl
113	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32)
114	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition 2510
115	CHEMICAL- WATER	Ground Water	Conductivity	IS 3025 (Part 14)
116	CHEMICAL- WATER	Ground Water	Nitrate	APHA 23rd Edition 4500-NO3
117	CHEMICAL- WATER	Ground Water	Nitrite	APHA 23rd Edition 4500-NO3
118	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500-H+
119	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
120	CHEMICAL- WATER	Ground Water	Sulphate	APHA 23rd Edition 4500-SO4
121	CHEMICAL- WATER	Ground Water	Sulphate	IS 3025 (Part 24, Section 1)
122	CHEMICAL- WATER	Ground Water	Total Alkalinity	AHPA 23rd Edition 2320
123	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
124	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540
125	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
126	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Edition 2130
127	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
128	CHEMICAL- WATER	Packaged Drinking Water	Aluminum	IS 3025 (Part 55)
129	CHEMICAL- WATER	Packaged Drinking Water	Ammonia	APHA 23rd Edition 4500-NH3
130	CHEMICAL- WATER	Packaged Drinking Water	Ammonia	IS 3025 (Part 34)
131	CHEMICAL- WATER	Packaged Drinking Water	Calcium	APHA 23rd Edition 3500 Ca
132	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS 3025 (Part 40)
133	CHEMICAL- WATER	Packaged Drinking Water	Chloride	APHA 23rd Edition 4500-Cl

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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
134	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 (Part 32)
135	CHEMICAL- WATER	Packaged Drinking Water	Colour	APHA 23rd Edition 2120
136	CHEMICAL- WATER	Packaged Drinking Water	Copper	IS 3025 (Part 42)
137	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	APHA 23rd Edition 4500-F
138	CHEMICAL- WATER	Packaged Drinking Water	Free Residual Chlorine	APHA 23rd Edition 4500-Cl
139	CHEMICAL- WATER	Packaged Drinking Water	Free Residual Chlorine	IS 3025 (Part 26)
140	CHEMICAL- WATER	Packaged Drinking Water	Iron	IS 3025 (Part 53)
141	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	APHA 23rd Edition 3500 Mg
142	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 23rd Edition 4500-NO3
143	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	APHA 23rd Edition 4500- NO2
144	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
145	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 23rd Edition 4500-H+
146	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 (Part 11)
147	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compound	APHA 23rd Edition 5530
148	CHEMICAL- WATER	Packaged Drinking Water	Phenolic Compound	IS 3025 (Part 43)
149	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 23rd Edition 4500-SO4
150	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	IS 3025 (Part 24, Section 1)
151	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	AHPA 23rd Edition 2320
152	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
153	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540
154	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
155	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	APHA 23rd Edition 2340
156	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	IS 3025 (Part 21)
157	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA 23rd Edition 2130
158	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
159	CHEMICAL- WATER	Packaged Drinking Water	Zinc	IS 3025 (Part 49)
160	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Edition 4500-Cl B
161	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
162	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2510
163	CHEMICAL- WATER	Surface Water	Conductivity	IS 3025 (Part 14)

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164	CHEMICAL- WATER	Surface Water	Nitrate	APHA 23rd Edition 4500-NO3
165	CHEMICAL- WATER	Surface Water	Nitrite	APHA 23rd Edition 4500-NO2
166	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500-H+
167	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
168	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Edition 4500-SO4
169	CHEMICAL- WATER	Surface Water	Sulphate	IS 3025 (Part 24, Section 1)
170	CHEMICAL- WATER	Surface Water	Total Alkalinity	APHA 23rd Edition 2320
171	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
172	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540
173	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
174	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Edition 2130
175	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)
176	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids (TSS)	IS 3025 (Part 17)
177	CHEMICAL- WATER	Water for construction purpose	Acidity (Volume of 0.02 N NaOH required to neutralize 100 mL sample of water)	IS 3025 (Part 22)
178	CHEMICAL- WATER	Water for construction purpose	Alkalinity (Volume of 0.02 N H2SO4 required to neutralize 100 mL sample of water)	IS 3025 (Part 23)
179	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part 32)
180	CHEMICAL- WATER	Water for construction purpose	Inorganic Matter	IS 3025 (Part 18)
181	CHEMICAL- WATER	Water for construction purpose	Organic Matter	IS 3025 (Part 18)
182	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)
183	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 (Part 24, Section 1)
184	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids (TDS)	IS 3025 (Part 16)
185	CHEMICAL- WATER	Water for Swimming Pool	Free Residual Chlorine	APHA 23rd Edition 4500-Cl
186	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness	APHA 23rd Edition 2340
187	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness	IS 3025 (Part 21)

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding Vibration)	Ambient Noise	IS 9989
2	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise (DG Set)	Source Noise	IS 4758
3	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	USEPA 3A Method TP 24
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Disulfide (CS2)	IS 11255 (Part 4)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	USEPA 10B method
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flowrate	IS 11255 (Part 3)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flue Gas Temperature	IS 11255 (Part 3)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulfide (H2S)	IS 11255 (Part 4)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part 7)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	USEPA 3A Method TP 25
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter (PM)	IS 11255 (Part 1)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS 11255 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	pH	APHA 23rd Edition 4500-H+
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water/ Industrial Effluent/ Sewage Water	pH	IS 3025 (Part 11)
16	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition 4500-H+
17	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
18	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500-H+
19	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
20	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 23rd Edition 4500-H+

SCOPE OF ACCREDITATION

Laboratory Name :	ALLIED LAB AND RESEARCH CENTRE, OFFICE NO. 206A, 206B, 206C, 206D, FORTUNE MALL, VIA ROAD, GIDC, VAPI, VALSAD, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-11648	**Page No**	10 of 10
Validity	16/05/2023 to 15/05/2025	**Last Amended on**	30/05/2023

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
21	CHEMICAL- WATER	Packaged Drinking Water	pH	IS 3025 (Part 11)
22	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500-H+
23	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
24	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.