National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADITYA ENVIRONMENTAL SERVICES PVT. LTD., PLOT P-1, MIDC COMMERCIAL PLOT, RASAYANI,TALUKA KHALAPUR, MOHPADA, RAIGAD, MAHARASHTRA, INDIA

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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	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Free Floating, Submerged, Emergent Flora in Fresh water and Marine water.	Macrophytic Identification and count.	AESPL/LAB/SOP/7.2.1.2/B-02:2022
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water and Fresh water	Chlorophyll a	APHA 10200 H2 (10-23) 23rd Edition
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water and sediment.	Measurement of various Diversity Indices	AESPL/LAB/SOP/7.2.1.2/B-01 20.01.2022
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Phytoplankton count (Total Population)	AESPL/LAB/SOP/7.2.1.2/Bw-01 20.01.2022
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Phytoplankton Identification & Diversity (No. of Genera / Species)	AESPL/LAB/SOP/7.2.1.2/Bw-01 20.01.2022
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Phytoplankton Percentage Composition.	AESPL/LAB/SOP/7.2.1.2/Bw-01 20.01.2022
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Primary Productivity	AESPL/LAB/SOP/7.2.1.2/Bw-04 20.01.2022 Calculation Method
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Zooplankton Biomass.	AESPL/LAB/SOP/7.2.1.2/Bw-03 20.01.2022
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Zooplankton count (Total Population)	AESPL/LAB/SOP/7.2.1.2/Bw-03 20.01.2022
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Zooplankton Identification & Diversity (No. of Groups)	AESPL/LAB/SOP/7.2.1.2/Bw-03 20.01.2022
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Marine water, Fresh water.	Zooplankton Percentage Composition.	AESPL/LAB/SOP/7.2.1.2/Bw-03 20.01.2022
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Riverbed(sediment) & Marine Sediment.	Macro Benthic Organism Count (Total Population)	AESPL/LAB/SOP/7.2.1.2/Bs-01 20.01.2022
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Riverbed(sediment) & Marine Sediment.	Macro Benthic Organism Identification & Diversity (No. of Groups)	AESPL/LAB/SOP/7.2.1.2/Bs-01 20.01.2022

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14	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Riverbed(sediment) & Marine Sediment.	Macro Benthic Organism Percentage Composition.	AESPL/LAB/SOP/7.2.1.2/Bs-01 20.01.2022
15	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sediments.	Macro Benthic Organism Biomass.	AESPL/LAB/SOP/7.2.1.2/Bs-01 20.01.2022
16	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Fecal coliforms	APHA 9221E (9-77) 23rd Edition 2017; IS 1622:1981 RA:
17	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Fecal streptococcus	IS 1622:1981 RA
18	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Total coliforms	APHA 9221B (9-69) 23rd Edition: 2017 IS 1622:1981 RA
19	BIOLOGICAL- WATER	Drinking water, Ground water, Surface water, Swimming pool & Spa water	Fecal coliforms	APHA 9221E (9-77) 23rd Edition 2017; IS 1622
20	BIOLOGICAL- WATER	Drinking water, Ground water, Surface water, Swimming pool & Spa water	Fecal streptococcus	IS 1622
21	BIOLOGICAL- WATER	Drinking water, Ground water, Surface water, Swimming pool & Spa water	Total coliforms	APHA 9221B (9-69) 23rd Edition 2017; IS 1622
22	BIOLOGICAL- WATER	Drinking water, Ground water, Surface water, Swimming pool & Spa water and Domestic water.	E-Coli	APHA 9221B & 9221G-2 (9-80) 23rd Edition 2017, IS-1622
23	BIOLOGICAL- WATER	Drinking water, Ground water, Surface water, Swimming pool, Spa water and domestic water.	Fecal streptococcus	APHA 9230C-d 23rd Edition 2017, IS 15186, IS-1622
24	BIOLOGICAL- WATER	Drinking water, Ground water, Swimming pool, Spa water and Domestic water.	Coliform	APHA 9222B (9-82) 23rd Edition 2017 / IS-1622 / IS 15185
25	BIOLOGICAL- WATER	Drinking water, Ground water, Swimming pool, Spa water and Domestic water.	E-Coli	APHA 9221G-2 (9-80) 23rd Edition 2017/ IS-1622 / IS 15185
26	BIOLOGICAL- WATER	Drinking water, Ground water, Swimming pool, Spa water and Domestic water.	Total Bacterial Count	APHA 9215B (9-56) 23rd Edition 2017, IS-1622
27	BIOLOGICAL- WATER	Drinking water, Surface water, Ground water, Swimming pool & Spa water and Domestic water.	Total Bacterial Count	APHA 9215 C (9-56) 23rd Edition 2017, IS-1622
28	BIOLOGICAL- WATER	Industrial purpose water, Swimming pool & Spa water and Domestic water.	Legionella	ISO 11731
29	BIOLOGICAL- WATER	Industrial Purpose water, Swimming pool & Spa water and Domestic water.	Yeast and Molds	IS 5403

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30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic	APHA-Air Method 302 3rd Edition
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzene, Toluene and Xylene	IS 5182 (part 11)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Benzo(a)pyrene	CPCB Manual Volume I: 2013 & IS 5182(PART 12)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	CO (Carbon monoxide)	Method 5 of IS 5182 (Part 10)
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead	APHA-Air Method 822 3rd Edition
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	NH3	IS 5182 (Part 25)
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel	APHA-Air Method 822 3rd Edition
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen dioxide as NO2	IS:5182 (Part 6)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Non methane hydrocarbon	IS 5182 (part 21)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	CPCB Manual Volume I: 2013 / IS 5182 (Part 9)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 10	IS:5182 (Part 23)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5	IS 5182 (Part 24)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide as SO2	IS:5182 (Part 2)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total suspended particulate matter	IS 5182 (Part 4)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise - Ambient	IS 9989
45	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere Air	Ambient Temperature	AESPL/LAB/SOP/7.3.1/A-02 Issue 02, 01.07.22
46	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere Air	Relative Humidity	AESPL/LAB/SOP/7.3.1/A-02 Issue 02, 01.07.22: 2022
47	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere Air	Solar radiation (Light)	AESPL/LAB/SOP/7.3.1/A-02 Issue 02, 01.07.22: 2022
48	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere Air	Wind direction	AESPL/LAB/SOP/7.3.1/A-02 Issue 02, 01.07.22: 2022

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49	CHEMICAL- ATMOSPHERIC POLLUTION	Atmosphere Air	Wind Speed	AESPL/LAB/SOP/7.3.1/A-02 Issue 02, 01.07.22: 2022
50	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination Lux level	Illumination Lux level	IS 3646: Part I
51	CHEMICAL- ATMOSPHERIC POLLUTION	Source noise	Noise - DG	IS 4758-1968
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Acid mist	EPA-450/2-77-019
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255-part 6
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon dioxide (CO2) by Orsat	IS13270
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon monoxide (CO) by Orsat	IS13270
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon monoxide by GC	IS 13270
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Flue gas Flow Rate	IS 11255 Part 3
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulphide	IS 11255-part 4
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of nitrogen (NOx)	IS 11255-part 7
60	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen by Orsat	IS 13270
61	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 Part 1, 3
62	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide (SO2)	1S 11255 Part 2
63	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 Part 1
64	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Total Hydrocarbon	IS 11255 (Part 15)
65	CHEMICAL- ATMOSPHERIC POLLUTION	stack emission	Velocity	IS 11255-part 3
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Acidity	APHA 2310-B (2-34) 23rd Edition
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Alkalinity	APHA 2320-B (2-37) 23rd Edition 17; IS 3025(P-23)

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68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Anionic detergent as MBAS	APHA 5540-C (5-55) 23rd Edition
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Biochemical Oxygen Demand	IS-3025 (Part 44)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Chemical Oxygen Demand	APHA 5220-B (5-18) 23rd Edition
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Chlorides	APHA 4500-Cl B(4-75) 23rd Edition
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Chromium as Cr	APHA 3111-B (3-20) 23rd Edition
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Colour	APHA 2120-B (2-6) 23rd Edition 2017, IS 3025(P-4)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Conductivity	APHA 2510-B (2-58) 23rd Edition
75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Copper as Cu	APHA 3111-B (3-20) 23rd Edition:
76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	DO	APHA 4500O-C (4-146) 23 rd Edition 2017
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Fe	APHA 3500Fe-B (3-80) 23rd Edition:
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Fluorides	APHA 4500F-D (4-90) 23rd Edition 2017; IS 3025 (Part 60)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Hardness	APHA 2340-C (2-48) 23 rd Edition
80	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Hexavalent Chromium	APHA 3500Cr-B (3-71) 23rd Edition
81	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Lead as Pb	APHA 3111-B (3-20) 23rd Edition
82	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Nickel as Ni	APHA 3111-B (3-20) 23rd Edition
83	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Nitrate as NO3	APHA 4500-NitrateNO3--B (4-127) 23rd Edition:
84	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Nitrite nitrogen	APHA 4500NO2-B (4-124)23rd Edition
85	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Odor	IS-3025 (Part 5)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Oil & Grease	IS-3025 (Part 39)

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87	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	pH	APHA 4500-H+ B(4-95) 23rd Edition
88	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Phenol	APHA 5530-D (5-50) 23rd Edition
89	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Phosphorus	APHA 4500P-C (4-161) 23rd Edition 2017; IS 3025 (Part 31)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Residual Chlorine	APHA 4500Cl-B (4-63) 23rd Edition 2017; IS 3025(Part 26)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Silica	APHA 4500-SiO2-C (4-175) 23rd Edition:
92	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Sodium as Na	APHA 3111-B (3-20) 23rd Edition
93	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Sulphates	APHA 4500-SO4 E(4-199) 23rd Edition
94	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Sulphide as S2-	IS 3025 (Part 29)
95	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Suspended solids	APHA 2540-D (2-70) 23rd Edition
96	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Temperature	IS-3025(Part 9)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	TKN	APHA 4500-Norg-C (4-140)23rd Edition:
98	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Ammoniacal Nitrogen	APHA 4500-NH3 B(4-114)&C(4-116) 23rd Edition
99	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total Dissolved Solids	APHA 2540-C (2-69) 23rd Edition
100	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Total solids	APHA 2540-B (2-68) 23rd Edition
101	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water	Zinc as Zn	APHA 3111-B (3-20) 23rd Edition:
102	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Aluminium as Al	IS-3025 (Part 55)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Arsenic as As	IS-3025 (Part 37)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Barium as Ba	APHA 3111-D (3-23) 23rd Edition

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105	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Cadmium as Cd	IS-3025 (Part 41)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, sewage water.	Chlorine demand	APHA 2350 B 23rd Edition
107	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Chromium as Cr	IS-3025 (Part 52)
108	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Cobalt as Co	APHA 3111-B (3-20) 23rd Edition
109	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Copper as Cu	IS-3025 (Part 42)
110	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Fe	IS 3025 (Part 53)
111	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, sewage water.	Free CO2	APHA 4500CO2-C (4-33) 23rd Edition 2017
112	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Lead as Pb	IS-3025 (Part 47)
113	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Manganese as Mn	IS-3025 (Part 59)
114	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Mercury as Hg	IS-3025 (Part 48)
115	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Molybdenum as Mo	APHA 3111-D (3-23) 23rd Edition
116	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Nickel as Ni	IS-3025 (Part 54)
117	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Selenium as Se	IS-3025 (Part 56)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, sewage water.	Sludge Volume Index (SVI)	APHA 2710-D (2-94) 23rd Edition 2017
119	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, sewage water.	Sulphite	APHA 4500SO3-B (4-194) 23rd Edition 2017
120	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, sewage water.	Velocity & discharge Measurement of industrial effluent stream	IS 1192
121	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent water, Sewage water.	Zinc as Zn	IS-3025 (Part 49)
122	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Waste water	Bioassay method for evaluation of toxicity using fish (90% survival of fish after 96 hrs in 100% effluent)	IS-6582(Part 2)

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123	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Anionic detergent as MBAS	APHA 5540-C (5-55) 23rd Edition:
124	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Biochemical Oxygen Demand	IS-3025 (Part 44)
125	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Chemical Oxygen Demand	APHA 5220-B (5-18) 23rd Edit
126	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Chlorides	APHA 4500-Cl B (4-75) 23rd Edition
127	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Conductivity	APHA 2510-B (2-58) 23rd Edition
128	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	DO	APHA 4500O-C (4-146) 23rd Edition
129	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Odor	IS-3025 (Part 5)
130	CHEMICAL- POLLUTION & ENVIRONMENT	Sewage water	Oil & Grease	IS-3025(Part 39)
131	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	pH	APHA 4500-H+ B(4-95) 23rd Edition
132	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Phenol	APHA 5530-D (5-50) 23rd Edition
133	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Phosphorus	APHA 4500P-C (4-161) 23rd Edition
134	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Residual Chlorine	APHA 4500Cl-B (4-63) 23rd Edition
135	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Sulphates	APHA 4500-SO4 E (4-199) 23rd Edition
136	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Sulphide as S2-	IS 3025 (Part 29)
137	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Suspended solids	APHA 2540-D (2-70) 23rd Edition
138	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Temperature	IS-3025 (Part 9)
139	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	TKN	APHA 4500-Norg-C (4-140)23rd Edition
140	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Total Ammoniacal Nitrogen	APHA 4500-NH3 B (4-114) &C (4-116) 23rd Edition
141	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Total Dissolved Solids	APHA 2540-C (2-69) 23rd Edition

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142	CHEMICAL- POLLUTION & ENVIRONMENT	sewage water	Total solids	APHA 2540-B (2-68) 23rd Edition
143	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry	Fixed solids & Volatile solids	APHA 2540-E (2-71) 23rd Edition
144	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry	Suspended solids	APHA 2540-D (2-70) 23rd Edition
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil & Sediments	Conductivity	IS 14767
146	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	Ammonia	AESPL/LAB/SOP/7.2.1.2/S-27 Issue No-02, 01/07/22
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	Calorific value	AESPL/LAB/SOP/7.2.1.2/S-28 Issue No-02, 01/07/22
148	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediment	Nickel as Ni	EPA Method 3050 B. 2:
149	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	Nitrate	AESPL/LAB/SOP/7.2.1.2/S-25 Issue No-02, 01/07/22
150	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	Nitrite	AESPL/LAB/SOP/7.2.1.2/S-26 Issue No-02, 01/07/22
151	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / sediment	Organic carbon	IS 2720 (Part 22)
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	TKN	AESPL/LAB/SOP/7.2.1.2/S-24 Issue No-02, 01/07/22
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediment	Total Phosphate	AESPL/LAB/SOP/7.2.1.2/S-23 Issue No-02, 01/07/22
154	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Available Nitrogen	AESPL/LAB/SOP/7.2.1.2/S-05 Issue No-02, 01/07/22 Kjeldahl distillation:
155	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Available Phosphorus	AESPL/LAB/SOP/7.2.1.2/S-07 Issue No-02 01/07/22
156	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Available Sulphur	AESPL/LAB/SOP/7.2.1.2/S-10 Issue No-02, 01/07/22, Gravimetric method; EPA Method 9038
157	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / Sediments	Boron	AESPL/LAB/SOP/7.2.1.2/S-21 Issue No-02, 01/07/22
158	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Bulk Density	AESPL/LAB/SOP/7.2.1.2/S-16 Issue No-02, 01/07/22

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159	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Ca	AESPL/LAB/SOP/7.2.1.2/S-11 Issue No-02, 01/07/22; EPA Method 7000 B:2
160	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Cadmium as Cd	EPA Method 3050 B.2
161	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	CEC (Cation Exchange Capacity)	IS: 2720 (Part 24)
162	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Chloride	AESPL/LAB/SOP/7.2.1.2/S-08 Issue No-02, 01/07/22 Argentometric method; EPA Method 9253
163	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Chromium as Cr	EPA Method 3050 B. 2:
164	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Cobalt as Co	EPA Method 3050 B. 2:
165	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Colour	AESPL/LAB/SOP/7.2.1.2/S-20 Issue No-02, 01/07/22 by Munsell soil colour chart
166	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Copper as Cu	EPA Method 3050 B. 2:
167	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Iron as Fe	EPA Method 3050 B. 2:
168	CHEMICAL- POLLUTION & ENVIRONMENT	Soil / sediments	Lead as Pb	EPA Method 3050 B. 2:
169	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Magnesium as Mg	AESPL/LAB/SOP/7.2.1.2/S-12 Issue No-02, 01/07/22 Titration method EPA Method 7000 B.2:
170	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Manganese as Mn	EPA Method 3050 B. 2:
171	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Molybdenum as Mo	EPA Method 3050 B. 2
172	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Organic matter	IS 2720 (Part 22)
173	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Potassium	AESPL/LAB/SOP/7.2.1.2/S-06 Issue No-02, 01/07/22 Flame photometric method; IS 9497
174	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	SAR (Sodium Absorption Ratio)	AESPL/LAB/SOP/7.2.1.2/S-19 Issue No-02, 01/07/22
175	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Sodium as Na	IS 9497

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176	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Texture	AESPL/LAB/SOP/7.2.1.2/S-17 Issue No-02, 01/07/22
177	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Water content	IS 2720 (Part 2)
178	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Water holding capacity	AESPL/LAB/SOP/7.2.1.2/S-09 Issue No-02, 01/07/22 Gravimetric method
179	CHEMICAL- POLLUTION & ENVIRONMENT	soil / sediments	Zinc as Zn	EPA Method 3050 B. 2:
180	CHEMICAL- POLLUTION & ENVIRONMENT	Soil /Sediment	Ortho Phosphate	AESPL/LAB/SOP/7.2.1.2/S-22 Issue No-02, 01/07/22
181	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	pH	IS 2720 (Part 26)
182	CHEMICAL- POLLUTION & ENVIRONMENT	Water for flushing purpose	Biochemical Oxygen Demand	IS-3025 (Part 44)
183	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Chemical Oxygen Demand	IS-3025 (Part 58)
184	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Colour	IS 3025 (Part 4)
185	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Dissolve Phosphorous	APHA 4500P-C (4-161) 23rd Edition
186	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Fe	IS 3025 (Part 53) Phenanthroline method
187	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Fluorides	IS 3025 (Part 60)
188	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Hexavalent Chromium	IS 3025 (Part 52)
189	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Nitrate as NO3-	APHA 4500-NitrateNO3--B (4-127)23rd Edition
190	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Odor	IS-3025 (Part 5)
191	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Oil & Grease	IS-3025 (Part 39)
192	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	pH	IS-3025 (Part 11)
193	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Phenolic compound	IS-3025 (Part 43)

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194	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Residual Chlorine	IS 3025 (Part 26)
195	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Sulphide as S2-	IS 3025 (Part 29)
196	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Suspended Solids	IS-3025 (Part 17)
197	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	TKN	APHA 4500-Norg-C (4-140)23rd Edition
198	CHEMICAL- POLLUTION & ENVIRONMENT	Water for Flushing purpose	Total Ammoniacal Nitrogen	IS-3025 (Part 34)
199	CHEMICAL- RESIDUES IN WATER	Water	Aluminium as Al	IS-3025 (Part 55)
200	CHEMICAL- RESIDUES IN WATER	Water	Arsenic as As	IS-3025 (Part 37)
201	CHEMICAL- RESIDUES IN WATER	Water	Barium as Ba	APHA 3111-D (3-23) 23rd Edition
202	CHEMICAL- RESIDUES IN WATER	Water	Boron as B	IS 3025 (Part 57)
203	CHEMICAL- RESIDUES IN WATER	Water	Cadmium as cd	IS 3025 (P-41)
204	CHEMICAL- RESIDUES IN WATER	Water	Calcium as Ca	IS 3025 (Part 40)
205	CHEMICAL- RESIDUES IN WATER	Water	Chromium as Cr	IS-3025 (Part 52)
206	CHEMICAL- RESIDUES IN WATER	Water	Cobalt as CO	APHA 3111-B (3-20) 23rd Edition
207	CHEMICAL- RESIDUES IN WATER	Water	Copper as Cu	APHA 3111-B (3-20) 23rd Edition
208	CHEMICAL- RESIDUES IN WATER	Water	Hexavalent Chromium	IS 3025 (Part 52)
209	CHEMICAL- RESIDUES IN WATER	Water	Lead as Pb	IS-3025 (Part 47)
210	CHEMICAL- RESIDUES IN WATER	Water	Manganese as Mn	IS-3025 (Part 59)
211	CHEMICAL- RESIDUES IN WATER	Water	Mercury as Hg	IS-3025 (Part 48)
212	CHEMICAL- RESIDUES IN WATER	Water	Molybdenum as Mo	APHA 3111-D (3-23) 23rd Edition

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213	CHEMICAL- RESIDUES IN WATER	Water	Nickel as Ni	IS-3025 (Part 54)
214	CHEMICAL- RESIDUES IN WATER	Water	Potassium as K	IS-3025 (Part 45)
215	CHEMICAL- RESIDUES IN WATER	Water	Selenium as Se	IS-3025 (Part 56)
216	CHEMICAL- RESIDUES IN WATER	Water	Sodium as Na	IS-3025 (Part 45)
217	CHEMICAL- RESIDUES IN WATER	Water	Zinc as Zn	IS-3025 (Part 49)
218	CHEMICAL- WATER	Drinking water	Alkalinity	IS 3025 (Part 23)
219	CHEMICAL- WATER	Boiler Water	Biochemical Oxygen Demand	IS-3025 (Part 44)
220	CHEMICAL- WATER	Boiler Water	Chemical Oxygen Demand	IS-3025 (Part 58)
221	CHEMICAL- WATER	Boiler Water	Chlorides	IS-3025 (P-32)
222	CHEMICAL- WATER	Boiler Water	Colour	IS 3025 (Part 4)
223	CHEMICAL- WATER	Boiler Water	Odor	IS-3025 (Part 5)
224	CHEMICAL- WATER	Boiler Water	Oil & Grease	IS-3025(Part 39)
225	CHEMICAL- WATER	Boiler Water	pH	IS-3025 (Part 11)
226	CHEMICAL- WATER	Boiler Water	Sulphates	IS-3025 (Part 24)
227	CHEMICAL- WATER	Boiler Water	Suspended Solids	IS-3025 (Part 17)
228	CHEMICAL- WATER	Boiler Water	Total Dissolved Solids	IS-3025 (Part 16)
229	CHEMICAL- WATER	Chiller water	Alkalinity	IS 3025 (Part 23)
230	CHEMICAL- WATER	Chiller water	Ca	IS 3025 (Part 40)
231	CHEMICAL- WATER	Chiller water	Chlorides	IS-3025 (P-32)
232	CHEMICAL- WATER	Chiller water	Conductivity	IS-3025 (Part 14)
233	CHEMICAL- WATER	Chiller water	DO	IS 3025 (Part 38)
234	CHEMICAL- WATER	Chiller water	Fluorides	IS 3025 (Part 60)
235	CHEMICAL- WATER	Chiller water	Hardness	IS 3025 (Part 21)
236	CHEMICAL- WATER	Chiller water	Nitrate as NO3-	APHA 4500-NitrateNO3--B (4-127)23rd Edition
237	CHEMICAL- WATER	Chiller water	pH	IS-3025 (Part 11)
238	CHEMICAL- WATER	Chiller water	Phosphorus	IS 3025 (Part 31)
239	CHEMICAL- WATER	Chiller water	Silica	IS 3025 (Part 35)

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240	CHEMICAL- WATER	Chiller water	Suspended Solids	IS-3025 (Part 17)
241	CHEMICAL- WATER	Chiller water	Total Ammoniacal Nitrogen	IS-3025 (Part 34)
242	CHEMICAL- WATER	Chiller water	Total Dissolved Solids	IS-3025 (Part 16)
243	CHEMICAL- WATER	Chiller water	Turbidity	IS 3025 (Part 10)
244	CHEMICAL- WATER	Condensate Water	Alkalinity	IS 3025 (Part 23)
245	CHEMICAL- WATER	Condensate Water	Ca	IS 3025 (Part 40)
246	CHEMICAL- WATER	Condensate Water	Chlorides	IS-3025 (Part 32)
247	CHEMICAL- WATER	Condensate Water	DO	IS 3025 (Part 38)
248	CHEMICAL- WATER	Condensate Water	Hardness	IS 3025 (Part 21)
249	CHEMICAL- WATER	Condensate Water	pH	IS-3025 (Part 11)
250	CHEMICAL- WATER	Condensate Water	Residual Chlorine	IS 3025 (Part 26)
251	CHEMICAL- WATER	Condensate Water	Sulphates	IS-3025 (Part 24)
252	CHEMICAL- WATER	Condensate Water	Total Dissolved Solids	IS-3025 (Part 16)
253	CHEMICAL- WATER	Cooling Tower Water	Alkalinity	IS 3025 (Part 23)
254	CHEMICAL- WATER	Cooling Tower Water	Ca	IS 3025 (Part 40)
255	CHEMICAL- WATER	Cooling Tower Water	Chlorides	IS-3025 (Part 32)
256	CHEMICAL- WATER	Cooling Tower Water	Colour	IS 3025 (Part 4)
257	CHEMICAL- WATER	Cooling Tower Water	Hardness	IS 3025 (Part 21)
258	CHEMICAL- WATER	Cooling Tower Water	Mg	IS 3025 (Part 46)
259	CHEMICAL- WATER	Cooling Tower Water	Nitrate as NO3-	APHA 4500-NitrateNO3--B (4-127)23rd Edition
260	CHEMICAL- WATER	Cooling Tower Water	Odor	IS-3025 (Part 5)
261	CHEMICAL- WATER	Cooling Tower Water	pH	IS-3025 (Part 11)
262	CHEMICAL- WATER	Cooling Tower Water	Phosphorus	IS 3025 (Part 31)
263	CHEMICAL- WATER	Cooling Tower Water	Sulphates	IS-3025 (Part 24)
264	CHEMICAL- WATER	Cooling Tower Water	Suspended Solids	IS-3025 (Part 17)
265	CHEMICAL- WATER	Cooling Tower Water	Total Dissolved Solids	IS-3025 (Part 16)
266	CHEMICAL- WATER	Cooling Tower Water	Turbidity	IS 3025 (Part 10)
267	CHEMICAL- WATER	Drinking water	Anionic detergent	APHA 5540-C (5-55)23rd Edition:
268	CHEMICAL- WATER	Drinking water	Boron	IS 3025 (Part 57)

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269	CHEMICAL- WATER	Drinking water	Ca	IS 3025 (Part 40)
270	CHEMICAL- WATER	Drinking water	Chlorides	IS-3025 (Part 32)
271	CHEMICAL- WATER	Drinking water	Colour	IS 3025 (Part 4)
272	CHEMICAL- WATER	Drinking water	Conductivity	IS-3025 (Part 14)
273	CHEMICAL- WATER	Drinking water	Fluorides	IS 3025 (Part 60)
274	CHEMICAL- WATER	Drinking water	Hardness	IS 3025 (Part 21)
275	CHEMICAL- WATER	Drinking water	Hexavalent Chromium	IS 3025 (Part 52)
276	CHEMICAL- WATER	Drinking water	Mg	IS 3025 (Part 46)
277	CHEMICAL- WATER	Drinking water	Nitrate as NO3	APHA 4500-NitrateNO3--B (4-127)23rd Edition
278	CHEMICAL- WATER	Drinking water	Odor	IS-3025 (Part 5)
279	CHEMICAL- WATER	Drinking water	pH	IS-3025 (Part 11)
280	CHEMICAL- WATER	Drinking water	Phenolic compound	IS 3025 (Part 43)
281	CHEMICAL- WATER	Drinking water	Potassium as K	IS-3025 (Part 45)
282	CHEMICAL- WATER	Drinking water	Residual Chlorine	IS 3025 (Part 26)
283	CHEMICAL- WATER	Drinking water	Sodium as Na	IS-3025 (Part 45)
284	CHEMICAL- WATER	Drinking water	Soluble Silica	IS 3025 (Part 35)
285	CHEMICAL- WATER	Drinking water	Sulphates	IS-3025 (Part 24)
286	CHEMICAL- WATER	Drinking water	Sulphide as S2-	IS 3025 (Part 29)
287	CHEMICAL- WATER	Drinking water	Temperature	IS-3025(Part 9)
288	CHEMICAL- WATER	Drinking water	Total Ammoniacal Nitrogen	IS-3025 (Part 34)
289	CHEMICAL- WATER	Drinking water	Total Dissolved Solids	IS-3025 (Part 16)
290	CHEMICAL- WATER	Drinking water	Turbidity	IS 3025 (Part 10)
291	CHEMICAL- WATER	Feed Water	Chemical Oxygen Demand	IS-3025 (Part 58)
292	CHEMICAL- WATER	Feed Water	Chlorides	IS-3025 (Part 32)
293	CHEMICAL- WATER	Feed Water	Hardness	IS 3025 (Part 21)
294	CHEMICAL- WATER	Feed Water	pH	IS-3025 (Part 11)
295	CHEMICAL- WATER	Feed Water	Soluble Silica	IS 3025 (Part 35)
296	CHEMICAL- WATER	Feed Water	Sulphates	IS-3025 (Part 24)
297	CHEMICAL- WATER	Feed Water	Suspended Solids	IS-3025 (Part 17)
298	CHEMICAL- WATER	Feed Water	Total Dissolved Solids	IS-3025 (Part 16)

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299	CHEMICAL- WATER	ground water	Alkalinity	IS 3025 (Part 23)
300	CHEMICAL- WATER	ground water	Anionic detergent	APHA 5540-C (5-55)23rd Edition
301	CHEMICAL- WATER	Ground water	Biochemical Oxygen Demand	IS-3025 (Part 44)
302	CHEMICAL- WATER	Ground water	Boron	APHA 4500 B-B (4-27) 23rd Edition 2017 / IS 3025 (Part 57)
303	CHEMICAL- WATER	Ground water	Ca	IS 3025 (Part 40)
304	CHEMICAL- WATER	Ground water	Chemical Oxygen Demand	IS-3025 (Part 58)
305	CHEMICAL- WATER	Ground water	Chlorides	IS-3025 (P-32)
306	CHEMICAL- WATER	Ground water	Colour	IS 3025 (Part 4)
307	CHEMICAL- WATER	Ground water	Conductivity	IS-3025 (Part 14)
308	CHEMICAL- WATER	Ground water	DO	IS 3025 (Part 38)
309	CHEMICAL- WATER	Ground water	Fluorides	IS 3025 (Part 60)
310	CHEMICAL- WATER	Ground water	Hardness	IS 3025 (Part 21)
311	CHEMICAL- WATER	Ground water	Hexavalent Chromium	IS 3025 (Part 52)
312	CHEMICAL- WATER	Ground water	Mg	IS 3025 (Part 46)
313	CHEMICAL- WATER	ground water	Nitrate as NO3-	APHA 4500-NitrateNO3--B (4-127)23rd Edition
314	CHEMICAL- WATER	ground water	Odor	IS-3025 (Part 5)
315	CHEMICAL- WATER	Ground water	pH	IS-3025 (Part 11)
316	CHEMICAL- WATER	Ground water	Phenolic compound	IS-3025 (Part 43)
317	CHEMICAL- WATER	Ground water	Phosphorus	IS 3025 (Part 31)
318	CHEMICAL- WATER	Ground water	Potassium as K	IS-3025 (Part 45)
319	CHEMICAL- WATER	Ground water	Residual Chlorine	IS 3025 (Part 26)
320	CHEMICAL- WATER	Ground water	Silica	IS 3025 (Part 35)
321	CHEMICAL- WATER	Ground water	Sodium as Na	IS-3025 (Part 45)
322	CHEMICAL- WATER	Ground water	Sulphates	IS-3025 (Part 24)
323	CHEMICAL- WATER	Ground water	Sulphide as S2-	IS 3025 (Part 29)
324	CHEMICAL- WATER	Ground water	Suspended Solids	IS-3025 (Part 17)
325	CHEMICAL- WATER	Ground water	Temperature	IS-3025 (Part 9)
326	CHEMICAL- WATER	Ground water	Total Ammoniacal Nitrogen	IS-3025 (Part 34)
327	CHEMICAL- WATER	Ground water	Total Dissolved Solids	IS-3025 (Part 16)

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328	CHEMICAL- WATER	Ground water	Turbidity	IS 3025 (Part 10)
329	CHEMICAL- WATER	Marine water	Ammonia- Nitrogen	AESPL/LAB/SOP/7.2.1.2/Mw-08: 2019
330	CHEMICAL- WATER	Marine water	Biochemical Oxygen Demand	AESPL/LAB/SOP/7.2.1.2/Mw-06: 2019
331	CHEMICAL- WATER	Marine water	Conductivity	APHA 2510-B (2-58) 23rd Edition
332	CHEMICAL- WATER	Marine water	DO	APHA 4500O-C (4-146) 23rd Edition
333	CHEMICAL- WATER	Marine water	Nitrate as Nitrogen	AESPL/LAB/SOP/7.2.1.2/Mw-10: 2019
334	CHEMICAL- WATER	Marine water	Nitrite nitrogen	AESPL/LAB/SOP/7.2.1.2/Mw-11: 2019
335	CHEMICAL- WATER	Marine water	pH @25°C	APHA 4500-H+ B(4-95) 23rd Edition
336	CHEMICAL- WATER	Marine water	Phenolic compound	AESPL/LAB/SOP/7.2.1.2/Mw-12: 2019
337	CHEMICAL- WATER	Marine water	Phosphate as P	AESPL/LAB/SOP/7.2.1.2/Mw-09: 2019
338	CHEMICAL- WATER	Marine water	Salinity	APHA 2520-B (2-60) 23rd Edition
339	CHEMICAL- WATER	Marine water	Sulphates	APHA 4500-SO4 E (4-199) 23rd Edition
340	CHEMICAL- WATER	Marine water	Suspended solids	APHA 2540-D (2-70) 23rd Edition
341	CHEMICAL- WATER	Marine water	Temperature	IS-3025 (Part 9)
342	CHEMICAL- WATER	Marine water	Total Dissolved Solids	APHA 2540-C (2-69) 23rd Edition
343	CHEMICAL- WATER	Marine water	Turbidity	IS 3025 (Part 10)
344	CHEMICAL- WATER	Surface water	Alkalinity	IS 3025 (Part 23)
345	CHEMICAL- WATER	surface water	Anionic detergent	APHA 5540-C (5-55)23rd Edition
346	CHEMICAL- WATER	surface water	Biochemical Oxygen Demand	IS-3025 (Part 44)
347	CHEMICAL- WATER	Surface water	Boron	IS 3025 (Part 57)
348	CHEMICAL- WATER	Surface water	Ca	IS 3025 (Part 40)
349	CHEMICAL- WATER	Surface water	Chemical Oxygen Demand	IS-3025 (Part 58)

SCOPE OF ACCREDITATION

Laboratory Name : ADITYA ENVIRONMENTAL SERVICES PVT. LTD., PLOT P-1, MIDC COMMERCIAL PLOT, RASAYANI,TALUKA KHALAPUR, MOHPADA, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 28/04/2023 to 27/04/2025 **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
350	CHEMICAL- WATER	surface water	Chlorides	IS-3025 (Part 32)
351	CHEMICAL- WATER	surface water	Colour	IS 3025 (Part 4)
352	CHEMICAL- WATER	Surface water	Conductivity	IS-3025 (Part 14)
353	CHEMICAL- WATER	Surface water	DO	IS 3025 (Part 38)
354	CHEMICAL- WATER	Surface water	Fluorides	IS 3025 (Part 60)
355	CHEMICAL- WATER	Surface water	Hardness	IS 3025 (Part 21)
356	CHEMICAL- WATER	Surface water	Hexavalent Chromium	IS 3025 (Part 52)
357	CHEMICAL- WATER	surface water	Mg	IS 3025 (Part 46)
358	CHEMICAL- WATER	surface water	Nitrate as NO3-	APHA 4500-NitrateNO3--B (4-127)23rd Edition
359	CHEMICAL- WATER	Surface water	Nitrite nitrogen	IS-3025 (Part 34)
360	CHEMICAL- WATER	surface water	Odor	IS-3025 (Part 5)
361	CHEMICAL- WATER	Surface water	Oil & Grease	IS-3025(Part 39)
362	CHEMICAL- WATER	Surface water	pH	IS-3025 (Part 11)
363	CHEMICAL- WATER	Surface water	Phenolic compound	IS-3025 (Part 43)
364	CHEMICAL- WATER	surface water	Phosphorus	IS 3025 (Part 31)
365	CHEMICAL- WATER	Surface water	Potassium as K	IS-3025 (Part 45)
366	CHEMICAL- WATER	surface water	Residual Chlorine	IS 3025 (Part 26)
367	CHEMICAL- WATER	Surface water	Sodium as Na	IS-3025 (Part 45)
368	CHEMICAL- WATER	Surface water	Soluble Silica	IS 3025 (Part 35)
369	CHEMICAL- WATER	Surface water	Sulphates	IS-3025 (Part 24)
370	CHEMICAL- WATER	Surface water	Sulphide as S2-	IS 3025 (Part 29)
371	CHEMICAL- WATER	Surface water	Suspended Solids	IS-3025 (Part 17)
372	CHEMICAL- WATER	surface water	Temperature	IS-3025 (Part 9)
373	CHEMICAL- WATER	Surface water	Total Ammoniacal Nitrogen	IS-3025 (Part 34)
374	CHEMICAL- WATER	surface water	Total Dissolved Solids	IS-3025 (Part 16)
375	CHEMICAL- WATER	Surface water	Turbidity	IS 3025 (Part 10)
376	CHEMICAL- WATER	Surface water, Ground water, Drinking water.	Iron as Fe	IS 3025 (Part 53) Phenanthroline Method
377	CHEMICAL- WATER	Water for construction purpose	Acidity	APHA 2310-B (2-34) 23rd Edition
378	CHEMICAL- WATER	Water for construction purpose	Alkalinity	IS 3025 (Part 23)

SCOPE OF ACCREDITATION

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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
379	CHEMICAL- WATER	Water for construction purpose	Chemical Oxygen Demand	IS-3025 (Part 58)
380	CHEMICAL- WATER	Water for construction purpose	Chlorides	IS-3025 (Part 32)
381	CHEMICAL- WATER	Water for construction purpose	Hardness	IS 3025 (Part 21)
382	CHEMICAL- WATER	Water for construction purpose	pH	IS-3025 (Part 11)
383	CHEMICAL- WATER	Water for construction purpose	Sulphates	IS-3025 (Part 24)
384	CHEMICAL- WATER	Water for construction purpose	Suspended Solids	IS-3025 (Part 17)
385	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS-3025 (Part 16)