National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADVANCED ENVIRONMENTAL TESTING AND RESEARCH LAB PRIVATE LIMITED, 63/1, KAILASH VIHAR, GWALIOR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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	Effluent/ Waste Water	E.coli	9221F APHA 23rd Edition
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/ Waste Water	Faecal coliform	9221E APHA 23rd Edition
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/ Waste Water	Faecal streptococci	9230B APHA 23rd Edition
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/ Waste Water	Heterotrophic plate count	9215 B APHA 23rd Edition
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/ Waste Water	Total Coliform	9221 B APHA 23rd Edition
6	BIOLOGICAL- WATER	Drinking Water	Faecal Coliform	IS 1622
7	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci	IS 1622
8	BIOLOGICAL- WATER	Drinking Water	Faecal Streptococci	IS 1622
9	BIOLOGICAL- WATER	Drinking Water	Thermotolerant coliform/ E.coli	IS 1622
10	BIOLOGICAL- WATER	Drinking Water	Thermotolerant coliform/ E.coli	IS 1622
11	BIOLOGICAL- WATER	Drinking water	Total Coliform	IS:1622
12	BIOLOGICAL- WATER	Drinking water	Total Coliform	IS:1622
13	BIOLOGICAL- WATER	Ground Water / Surface Water	Faecal Coliform	IS:1622
14	BIOLOGICAL- WATER	Ground Water / Surface Water	Faecal Streptococci	IS:1622
15	BIOLOGICAL- WATER	Ground Water / Surface Water	Faecal Streptococci	IS:1622
16	BIOLOGICAL- WATER	Ground Water / Surface Water	Thermotolerant coliform/ E.coli	IS:1622
17	BIOLOGICAL- WATER	Ground Water / Surface Water	Thermotolerant coliform/ E.coli	IS:1622
18	BIOLOGICAL- WATER	Ground Water / Surface Water	Total Coliform	IS 1622
19	BIOLOGICAL- WATER	Ground Water / Surface Water	Total Coliform	IS:1622
20	BIOLOGICAL- WATER	Ground Water/ Surface Water	Benthic organism identification	10500 C APHA,23rd Edition
21	BIOLOGICAL- WATER	Ground Water/ Surface Water	Macrophytic identification	10400 D, APHA,23rd Edition
22	BIOLOGICAL- WATER	Ground Water/ Surface Water	Planktonic identification	10200 F ,APHA,23rd Edition
23	BIOLOGICAL- WATER	Standard Plate Count/ Total Plate Count	Water for Swimming Pool and Spas	IS:3328

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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
24	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Coliform	IS 1622
25	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	E.coli	IS 1622
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia	IS 5182 (P 25)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic	SOP No. 11 Issue No. 01 January 27
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Fluoride	IS 5182 (P 13)
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 (P 22)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel	SOP No. 11 Issue No. 01 January 27
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen Di Oxide	IS 5182 (P 6)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone	SOP No. 10 Issue No. 01 January 27
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM-10	IS 5182 (P 23)
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM-2.5	IS 5182 (P 24)
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide	IS 5182 (P 2)
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels (Excluding vibration)	Noise	IS 9876
37	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination	Lux	IS 3646 (P 2)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Work Zone	Noise	IS 9876
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Mercury as Hg	SOP No. 12 Issue No. 01 January 27
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Nitrogen dioxide	IS 11255 (P 7)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate matter	IS 11255 (P 1 & 3)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide	IS 11255 (P 2)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Aluminium as Al	3113, APHA 23rd Edition

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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
44	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Arsenic as As	3113 B, APHA 23rd Edition
45	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	C/N RATIO	AETRL /STP/WL/028
46	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Cadmium as Cd	3111 B, APHA 23rd Edition
47	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Lead as Pb	3111 B, APHA 23rd Edition
48	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Nickel as Ni	3111 B, APHA 23rd Edition
49	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Phenolic Compounds	5530 C, APHA 23rd Edition
50	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	SAR	AETRL /STP/WL/027
51	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Selenium as Se	3114,APHA 23rd Edition
52	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent /Sewage	Silver as Ag	3113,APHA 23rd Edition
53	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sulphate as SO4	4500 E, APHA 23rd Edition
54	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Alkalinity as HCO3	4500 B, APHA 23rd Edition
55	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Ammonical Nitrogen	4500 C, APHA 23rd Edition
56	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Bio-chemical Oxygen Demand (BOD), 3 days at 27°C	IS 3025: Part 44:1993
57	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Calcium as Ca	3500 B, APHA 23rd Edition
58	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Chemical Oxygen Demand (COD)	5220 B, APHA 23rd Edition
59	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Chloride as Cl	4500 B, APHA 23rd Edition
60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Colour	2120 C, APHA 23rd Edition
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Copper as Cu	3111 B, APHA 23rd Edition
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Fluoride	4500-NH3F,APHA 23rd Edition

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63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Iron as Fe	3111 B, APHA 23rd Edition
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Magnesium as Mg	3500 B, APHA 23rd Edition
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Manganese as Mn	3111 B, APHA 23rd Edition
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrate Nitrogen as NO3-	4500 B, APHA 23rd Edition
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Nitrite Nitrogen as NO3	4500 B, APHA 23rd Edition
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Oil & Grease	5520 B, APHA 23rd Edition
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	pH	4500-H+ B, 4-91 to 4-96, APHA 23rd Edition
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Phosphate as PO4	4500 B, APHA 23rd Edition
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Potassium as K	3500 B, APHA 23rd Edition
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Sodium as Na	3500 B, APHA 23rd Edition
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Dissolved Solids (TDS)	2540 C, APHA 23rd Edition
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Hardness	2340C, APHA 23rd Edition
75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Kjendahl Nitrogen	4500 B, APHA 23rd Edition
76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Solids	2540 B, APHA 23rd Edition
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Total Suspended Solids (TSS)	2540 D, APHA 23rd Edition
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage	Turbidity	2130B, APHA 23rd Edition
79	CHEMICAL- POLLUTION & ENVIRONMENT	Municipal Solid Waste	Calorific Value	IS 1350 (P 2)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium as Ca	AETRL/STP/Soil/005
81	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	CEC	IS 2720 (Pt 24)

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82	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Conductivity	IS 14767
83	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Magnesium as Mg	AETRL/STP/Soil/007
84	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Carbon/matter	IS 2720(Pt -22): 1972
85	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720(Pt -26) :1972
86	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Potassium as K	AETRL/STP/Soil/002
87	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	SAR	AETRL/STP/Soil/ 001
88	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sodium as Na	AETRL/STP/Soil/006
89	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphate as SO4	IS 2720 (Pt 27)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Kjeldahl Nitrogen (TKN)	4500 B, APHA 23rd Edition
91	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Water Soluble Salt	IS 2720 (Pt 21)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water Content	IS 2720 (P 2):1973
93	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/ Slurry/ Sludge/ Semi- Solid)	Aluminium as Al	3111 B, APHA 23rd Edition
94	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (P 22)
95	CHEMICAL- WATER	Drinking Water	Alkalinity as HCO3-	IS 3025 (P 23)
96	CHEMICAL- WATER	Drinking Water	Aluminium (Al)	IS 3025 P 55)
97	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen	IS 3025 (P 34)
98	CHEMICAL- WATER	Drinking Water	Arsenic as As	IS 3025 (P 37)
99	CHEMICAL- WATER	Drinking Water	Biochemical oxygen demand	IS 3025 (P 44)
100	CHEMICAL- WATER	Drinking Water	Cadmium as Cd	IS 3025 (P 41)
101	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (P 40)
102	CHEMICAL- WATER	Drinking Water	Chemical oxygen demand	IS 3025 (P 58)
103	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	IS 3025 (P 32)
104	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (P 4)

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105	CHEMICAL- WATER	Drinking Water	Conductivity	IS 3025 (P 14)
106	CHEMICAL- WATER	Drinking Water	Copper as Cu	IS 3025 (P 42)
107	CHEMICAL- WATER	Drinking Water	Dissolved oxygen	IS 3025 (P 38)
108	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (P 60)
109	CHEMICAL- WATER	Drinking Water	Iron as Fe	IS 3025 (P 53)
110	CHEMICAL- WATER	Drinking Water	Lead as Pb	IS 3025 (P 47)
111	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025(P 46)
112	CHEMICAL- WATER	Drinking Water	Manganese as Mn	IS 3025 (P 59)
113	CHEMICAL- WATER	Drinking Water	Mercury as Hg	IS 3025 (P 48)
114	CHEMICAL- WATER	Drinking Water	Nickel as Ni	IS 3025 (P 54)
115	CHEMICAL- WATER	Drinking Water	Nitrate nitrogen as NO3	IS 3025 (P 34)
116	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (P 5)
117	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (P 11)
118	CHEMICAL- WATER	Drinking Water	Phenolic compound	IS 3025 (P 43)
119	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	IS 3025 (P 31)
120	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025 (P 45)
121	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (P 26)
122	CHEMICAL- WATER	Drinking Water	Salinity	SOP No. 30 Issue No. 01 January 27
123	CHEMICAL- WATER	Drinking Water	Selenium as Se	IS 3025 (P 56)
124	CHEMICAL- WATER	Drinking Water	Silver as Ag	IS 13428
125	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025 (P 45)
126	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (P 24)
127	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 (P 16)
128	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (P 21)
129	CHEMICAL- WATER	Drinking Water	Total Kjeldahl nitrogen (TKN)	IS 3025 (P 34)
130	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (P 10)
131	CHEMICAL- WATER	Drinking Water	Zinc as Zn	IS 3025 (P 49)
132	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (P 5)
133	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	IS 3025 (P 22)
134	CHEMICAL- WATER	Ground Water	Alkalinity as HCO3-	IS 3025 (P 23)

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135	CHEMICAL- WATER	Ground Water	Aluminium as Al	IS 3025 (P 55)
136	CHEMICAL- WATER	Ground Water	Ammoniacal Nitrogen	IS 3025 (P 34)
137	CHEMICAL- WATER	Ground Water	Arsenic as As	IS 3025 (P 37)
138	CHEMICAL- WATER	Ground Water	Biochemical oxygen demand	IS 3025 P 44)
139	CHEMICAL- WATER	Ground Water	Cadmium as Cd	IS 3025 (P 41)
140	CHEMICAL- WATER	Ground Water	Chemical oxygen demand	IS 3025 (P-58)
141	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (P 32)
142	CHEMICAL- WATER	Ground Water	Chloride as Cl-	IS 3025 (P 32)
143	CHEMICAL- WATER	Ground Water	Colour	IS 3025 (P 4)
144	CHEMICAL- WATER	Ground Water	Conductivity	IS 3025 (P 14)
145	CHEMICAL- WATER	Ground Water	Copper as Cu	IS 3025 (P 42)
146	CHEMICAL- WATER	Ground Water	Dissolved oxygen	IS 3025 (P 38)
147	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (P 60)
148	CHEMICAL- WATER	Ground Water	Iron as Fe	IS 3025 (P 53)
149	CHEMICAL- WATER	Ground Water	Lead as Pb	IS 3025 (P 47)
150	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025(P 46)
151	CHEMICAL- WATER	Ground Water	Manganese as Mn	IS 3025 (P 59)
152	CHEMICAL- WATER	Ground Water	Mercury as Hg	IS 3025 (P 48)
153	CHEMICAL- WATER	Ground Water	Nickel as Ni	IS 3025 (P 54)
154	CHEMICAL- WATER	Ground Water	Nitrate nitrogen as NO3	IS 3025 (P 34)
155	CHEMICAL- WATER	Ground Water	pH	IS 3025 (P 11)
156	CHEMICAL- WATER	Ground Water	Phenolic compound	IS 3025 (P 43)
157	CHEMICAL- WATER	Ground Water	Phosphate as PO4	IS 3025 (P 31)
158	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (P 45)
159	CHEMICAL- WATER	Ground Water	Residual Free Chlorine	IS 3025 (P 26)1986
160	CHEMICAL- WATER	Ground Water	Salinity	SOP No. 30 Issue No. 01 January 27
161	CHEMICAL- WATER	Ground Water	Selenium as Se	IS 3025 (P 56)
162	CHEMICAL- WATER	Ground Water	Silver as Ag	IS 13428
163	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (P 45)
164	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 (P 24)

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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
165	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025 (P 16)
166	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (P 21)
167	CHEMICAL- WATER	Ground Water	Total Kjeldahl nitrogen (TKN)	IS 3025 (P 34)
168	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (P 10)
169	CHEMICAL- WATER	Ground Water	Zinc as Zn	IS as 3025 (P 49)
170	CHEMICAL- WATER	Potable Water	Acidity as CaCO3	IS 3025 (P 22)
171	CHEMICAL- WATER	Potable Water	Alkalinity as HCO3-	IS 3025 (P 23)
172	CHEMICAL- WATER	Potable Water	Aluminium as Al	IS 3025 (P 55)
173	CHEMICAL- WATER	Potable Water	Ammoniacal Nitrogen	IS 3025 (P 34)
174	CHEMICAL- WATER	Potable Water	Arsenic as As	IS 3025 (P 37)
175	CHEMICAL- WATER	Potable Water	Biochemical oxygen demand	IS 3025 (P 44)
176	CHEMICAL- WATER	Potable Water	Cadmium as Cd	IS 3025 (P 41)
177	CHEMICAL- WATER	Potable Water	Calcium as Ca	IS 3025 (P 40)
178	CHEMICAL- WATER	Potable Water	Chemical oxygen demand	IS 3025 (P 58)
179	CHEMICAL- WATER	Potable Water	Chloride as Cl	IS 3025 (P 32)
180	CHEMICAL- WATER	Potable Water	Colour	IS 3025 (P 4)
181	CHEMICAL- WATER	Potable Water	Conductivity	IS 3025 (P 14)
182	CHEMICAL- WATER	Potable Water	Copper as Cu	IS 3025 (P 42)
183	CHEMICAL- WATER	Potable Water	Dissolved oxygen	IS 3025 (P 38)
184	CHEMICAL- WATER	Potable Water	Fluoride as F	IS 3025 (P 60)
185	CHEMICAL- WATER	Potable Water	Iron as Fe	IS 3025 (P 53)
186	CHEMICAL- WATER	Potable Water	Lead as Pb	IS 3025 (P 47)
187	CHEMICAL- WATER	Potable Water	Magnesium as Mg	IS 3025(P 46)
188	CHEMICAL- WATER	Potable Water	Manganese as Mn	IS 3025 (P 59)
189	CHEMICAL- WATER	Potable Water	Mercury as Hg	IS 3025 (P 48)
190	CHEMICAL- WATER	Potable Water	Nickel as Ni	IS 3025 (P 54)
191	CHEMICAL- WATER	Potable Water	Nitrate nitrogen as NO3	IS 3025 (P 34)
192	CHEMICAL- WATER	Potable Water	Odour	IS 3025 (P 5)
193	CHEMICAL- WATER	Potable Water	pH	IS 3025 (P 11)
194	CHEMICAL- WATER	Potable Water	Phenolic compound	IS 3025 (P 43)

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195	CHEMICAL- WATER	Potable Water	Phosphate as PO4	IS 3025 (P 31)
196	CHEMICAL- WATER	Potable Water	Potassium as K	IS 3025 (P 45)
197	CHEMICAL- WATER	Potable Water	Residual Free Chlorine	IS 3025 (P 26)
198	CHEMICAL- WATER	Potable Water	Salinity	SOP No. 30 Issue No. 01 January 27
199	CHEMICAL- WATER	Potable Water	Selenium as Se	IS 3025 (P 56)
200	CHEMICAL- WATER	Potable Water	Silver as Ag	IS 13428
201	CHEMICAL- WATER	Potable Water	Sodium as Na	IS 3025 (P 45)
202	CHEMICAL- WATER	Potable Water	Sulphate as SO4	IS 3025 (P 24)
203	CHEMICAL- WATER	Potable Water	Total Dissolved Solids (TDS)	IS 3025 (P 16)
204	CHEMICAL- WATER	Potable Water	Total Hardness as CaCO3	IS 3025 (P 21)
205	CHEMICAL- WATER	Potable Water	Total Kjeldahl nitrogen (TKN)	IS 3025 (P 34)
206	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025 (P 10)
207	CHEMICAL- WATER	Potable Water	Zinc as Zn	IS 3025 (P 49)
208	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	IS 3025 (P 22)
209	CHEMICAL- WATER	Surface Water	Alkalinity as HCO3-	IS 3025 (P 23)
210	CHEMICAL- WATER	Surface Water	Aluminium as Al	IS 3025 (P 55)
211	CHEMICAL- WATER	Surface Water	Ammoniacal Nitrogen	IS 3025 (P 34)
212	CHEMICAL- WATER	Surface Water	Arsenic as As	IS 3025 (P 37)
213	CHEMICAL- WATER	Surface Water	Biochemical oxygen demand	IS 3025 (P 44)
214	CHEMICAL- WATER	Surface Water	Cadmium as Cd	IS 3025 (P 41)
215	CHEMICAL- WATER	Surface Water	Chemical oxygen demand	IS 3025 (P 58)
216	CHEMICAL- WATER	Surface Water	Chloride as Cl-	IS 3025 (P 32)
217	CHEMICAL- WATER	Surface Water	Colour	IS 3025 (P 4)
218	CHEMICAL- WATER	Surface Water	Conductivity	IS 3025 (P 14)
219	CHEMICAL- WATER	Surface Water	Copper as Cu	IS 3025 (P 42)
220	CHEMICAL- WATER	Surface Water	Dissolved oxygen	IS 3025 (P 38)
221	CHEMICAL- WATER	Surface Water	Fluoride as F	IS 3025 (P 60)
222	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025 (P 53)
223	CHEMICAL- WATER	Surface Water	Lead as Pb	IS 3025 (P 47)
224	CHEMICAL- WATER	Surface Water	Manganese as Mn	IS 3025 (P 59)

SCOPE OF ACCREDITATION

Laboratory Name : ADVANCED ENVIRONMENTAL TESTING AND RESEARCH LAB PRIVATE LIMITED, 63/1, KAILASH VIHAR, GWALIOR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7405 **Page No** 10 of 11

Validity 03/06/2021 to 02/06/2023 **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
225	CHEMICAL- WATER	Surface Water	Mercury as Hg	IS 3025 (P 48)
226	CHEMICAL- WATER	Surface Water	Nickel as Ni	IS 3025 (P 54
227	CHEMICAL- WATER	Surface Water	Nitrate nitrogen as NO3	IS 3025 (P 34)
228	CHEMICAL- WATER	Surface water	Odour	IS 3025 (P 5)
229	CHEMICAL- WATER	Surface Water	pH	IS 3025 (P 11)
230	CHEMICAL- WATER	Surface Water	Phenolic compound	IS 3025 (P 43)
231	CHEMICAL- WATER	Surface Water	Phosphate as PO4	IS 3025 (P 31)
232	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025 (P 45)
233	CHEMICAL- WATER	Surface Water	Residual Free Chlorine	IS 3025 (P 26)
234	CHEMICAL- WATER	Surface Water	Salinity	SOP No. 30 Issue No. 01 January 27
235	CHEMICAL- WATER	Surface Water	Selenium as Se	IS 3025 (P 56)
236	CHEMICAL- WATER	Surface Water	Silver as Ag	IS 13428
237	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025 (P 45)
238	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (P 24)
239	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025 (P 16)
240	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025 (P 21)
241	CHEMICAL- WATER	Surface Water	Total Kjeldahl nitrogen (TKN)	IS 3025 (P 34)
242	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (P 10)
243	CHEMICAL- WATER	Surface Water	Zinc as Zn	IS 3025 (P 49)
244	CHEMICAL- WATER	Water for Swimming Pool	Aluminium as Al	IS 3025 (P 55)
245	CHEMICAL- WATER	Water for Swimming Pool	Calcium as Ca	IS 3025 (P 40)
246	CHEMICAL- WATER	Water for Swimming Pool	Chemical oxygen demand	IS 3025 (P 58)
247	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 (P 32)
248	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 (P 4)
249	CHEMICAL- WATER	Water for Swimming Pool	Fluoride as F	IS 3025 (P 60)
250	CHEMICAL- WATER	Water for Swimming Pool	Iron as Fe	IS 3025 P 53)
251	CHEMICAL- WATER	Water for Swimming Pool	Lead as Pb	IS 3025 (P 47)
252	CHEMICAL- WATER	Water for Swimming Pool	Magnesium as Mg	IS 3025(P 46)
253	CHEMICAL- WATER	Water for Swimming Pool	Nitrate nitrogen as NO3	IS 3025 (P 34)
254	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (P 5)

SCOPE OF ACCREDITATION

Laboratory Name :	ADVANCED ENVIRONMENTAL TESTING AND RESEARCH LAB PRIVATE LIMITED, 63/1, KAILASH VIHAR, GWALIOR, MADHYA PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7405	**Page No**	11 of 11
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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
255	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025 (P 11)
256	CHEMICAL- WATER	Water for Swimming Pool	Sulphate as SO4	IS 3025 (P 24)
257	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025 (P 23)
258	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids (TDS)	IS 3025 (P 16)
259	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness as CaCO3	IS 3025 (P 21)
260	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (P 10)
261	CHEMICAL- WATER	Water for Swimming Pool	Zinc as Zn	IS 3025 (P 49)