National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECO EARTH TECHNOLOGIES (ANALYTICAL LABORATORY DIVISION), PLOT NO 3202/A/2/1,T-1, GIDC MULTILEVEL SHED, GIDC IND ESTATE, ANKLESVAR INA, BHARUCH, GUJARAT, 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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen as NOx	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 10)	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	EET-TEST-AAQM-PM2.5-01, based on CPCB Guidelines, National Ambient Air Quality Series, Vol. I, 2012-13 Issue No.01
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Assessment of noise w.r.t. community response	Noise Monitoring	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Assessment of noise w.r.t.comunity response	Noise Monitoring	IS 9989
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen as NOX	IS 11255 (Part 7)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS 11255 (Part 2)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Suspended Particulate Matter as SPM	IS 11255 (Part 1)
10	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent / Sewage)	Total Solid	APHA 2540 - B
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent / Sewage)	Total Suspended Solid	APHA 2540 - D
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent / Sewage)	Turbidity	APHA 2130 - B
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Acidity	APHA 2310-B
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Ammonical Nitrogen as NH3N	APHA 4500-NH3-B,C
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Bio Chemical Oxygen @ 20 °C for 5 Days	APHA 5210-B
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Bio Chemical Oxygen @ 27 °C for 3 Days	IS 3025 (Part 44)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Boron	APHA 4500 - B-C

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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
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Calcium as Ca	APHA 3500-Ca-B
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chemical Oxygen Demand	APHA 5220-C
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chloride	APHA 4500 Cl-B
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Dissolved Oxygen	APHA 4500-B &C
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Electrical Conductivity	APHA 2510 - B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Fluoride	APHA 4500 F-B, D
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Hexavalent Chromium as Cr+6	APHA 3500 -Cr-B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Iron	APHA 3500 Fe-B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Magnesium as Mg	APHA 3500-Mg-B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Oil & Grease	APHA 5520-B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	pH	APHA, 4500-H-B
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Phosphate as PO4	APHA 4500-P-D
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Potassium as K	APHA 3500-K-B
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Residue Chlorine	APHA 4500-Cl-B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Silica as SiO2	APHA 4500-C
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Sodium as Na	APHA 3500-Na-B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Sulphate	APHA 4500-SO4
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Temperature	IS 3025 (Part 9)
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Alkalinity	APHA 2320-B

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Dissolved Solid	APHA 2540 -C
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Hardness as CaCO3	APHA 2340 - C
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Total Kjeldahl Nitrogen as N	APHA-4500-Norg-A,B
40	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Available Chlorides as Cl-	EET-TEST-SOIL-Cl-01, based on DAC Manual, January 2011 Issue No.01,
41	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Available Nitrogen as N	IS 14684
42	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Available Phosphorous as P	EET-TEST-SOIL-P-01 based on DAC Manual , January 2011 Issue No.01,
43	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Organic Matter	IS 2720 (Part 22)
44	CHEMICAL- SOIL AND ROCK	Soil / Sediment	pH	IS 2720 (Part 26)
45	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Potassium as K	EET-TEST-SOIL-P-01 based on Dept. of Agriculture & Corporation Manual, January 2011 Issue No.01
46	CHEMICAL- SOIL AND ROCK	Soil / Sediment	Sodium as Na	EET-TEST-SOIL-Na-01 based on DAC Manual, January 2011 Issue No.01
47	CHEMICAL- SOIL AND ROCK	Soil / Sediments	Available Calcium as Ca	EET-TEST-SOIL-Ca-01, based on DAC Manual, January 2011 Issue No.01
48	CHEMICAL- SOIL AND ROCK	Soil / Sediments	Organic Carbon	IS 2720
49	CHEMICAL- SOIL AND ROCK	Soil / Sedminet	Electrical Conductivity	IS 14767
50	CHEMICAL- SOIL AND ROCK	Soil /Sediment	Available Magnesium as Mg	EET-TEST-Mg-01, based on DAC Manual, January 2011 Issue No.01
51	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3N	IS 3025 (Part 34)
52	CHEMICAL- WATER	Drinking Water	Bio Chemical Oxygen @ 20 °C for 5 Days	APHA 5210, 23rd Edition
53	CHEMICAL- WATER	Drinking Water	Bio Chemical Oxygen @ 27 °C for 3 Days	IS 3025 (Part 44)

SCOPE OF ACCREDITATION

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54	CHEMICAL- WATER	Drinking Water	Boron	IS 3025 (Part 57)
55	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
56	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	IS 3025 (Part 58)
57	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025 (Part 32)
58	CHEMICAL- WATER	Drinking Water	Color	IS 3025 (Part 4)
59	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025 (Part 38)
60	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
61	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
62	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	IS 3025 (Part 52)
63	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (Part 53)
64	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
65	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
66	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31)
67	CHEMICAL- WATER	Drinking Water	Potassium	IS 3025 (Part 45)
68	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
69	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025 (Part 35)
70	CHEMICAL- WATER	Drinking Water	Sodium	IS 3025 (45)
71	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24)
72	CHEMICAL- WATER	Drinking Water	Temperature	IS 3025 (Part 9)
73	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
74	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 (Part 16)
75	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21)
76	CHEMICAL- WATER	Drinking Water	Total Kjehldhal Nitrogen as N	IS 3025 (Part 34)
77	CHEMICAL- WATER	Drinking Water	Total Solid	IS 3025 (Part 15)
78	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS 3025 (Part 17)
79	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
80	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3N	IS 3025 (Part 34)
81	CHEMICAL- WATER	Ground Water	Bio Chemical Oxygen @ 20 °C for 5 Days	APHA, 23rd Edition 2012/5210-B
82	CHEMICAL- WATER	Ground Water	Bio Chemical Oxygen @ 27 °C for 3 Days	IS 3025 (Part 44)

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83	CHEMICAL- WATER	Ground Water	Boron as B	IS 3025 (Part 57)
84	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 (Part 40)
85	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	IS 3025 (Part 58)
86	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 (Part 32)
87	CHEMICAL- WATER	Ground Water	Color	IS 3025 (Part 4)
88	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	IS 3025 (Part 38)
89	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025 (Part 14)
90	CHEMICAL- WATER	Ground Water	Fluoride as F	IS 3025 (Part 60)
91	CHEMICAL- WATER	Ground Water	Hexavalent Chromium as Cr+6	IS 3025(Part 52)
92	CHEMICAL- WATER	Ground Water	Iron as Fe	IS 3025 (Part 53)
93	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025 (Part 46)
94	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
95	CHEMICAL- WATER	Ground Water	Phosphate as PO4	IS 3025 (Part 31)
96	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025 (Part 45)
97	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26)
98	CHEMICAL- WATER	Ground Water	Silica as SiO2	IS 3025 (Part 35)
99	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025 (Part 45)
100	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 (Part 24)
101	CHEMICAL- WATER	Ground Water	Temperature	IS 3025 (Part 9)
102	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
103	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 (Part 16)
104	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 (Part 21)
105	CHEMICAL- WATER	Ground Water	Total Kejhldhal Nitrogen as N	IS 3025 (Part 34)
106	CHEMICAL- WATER	Ground Water	Total Solid	IS 3025 (Part 15)
107	CHEMICAL- WATER	Ground Water	Total Suspended Soli	IS 3025 (Part 17)
108	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025 (Part 10)
109	CHEMICAL- WATER	Portable Water	Ammonical Nitrogen as NH3N	IS 3025 (Part 34)
110	CHEMICAL- WATER	Portable Water	Bio Chemical Oxygen @ 20 °C for 5 Days	APHA 5210 -B, 23rd Edition
111	CHEMICAL- WATER	Portable Water	Bio Chemical Oxygen @ 27 °C for 3 Days	IS 3025 (Part 44)

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112	CHEMICAL- WATER	Portable Water	Boron	IS 3025 (Part 57)
113	CHEMICAL- WATER	Portable Water	Calcium as Ca	IS 3025 (Part 40)
114	CHEMICAL- WATER	Portable Water	Chemical Oxygen Demand	IS 3025 (Part 58)
115	CHEMICAL- WATER	Portable Water	Chloride as Cl	IS 3025 (Part 32)
116	CHEMICAL- WATER	Portable Water	Color	IS 3025 (Part 4)
117	CHEMICAL- WATER	Portable Water	Dissolved Oxygen	IS 3025 (Part 38)
118	CHEMICAL- WATER	Portable Water	Electrical Conductivity	IS 3025 (Part 14)
119	CHEMICAL- WATER	Portable Water	Fluoride	IS 3025 (Part 60)
120	CHEMICAL- WATER	Portable Water	Hexavalent Chromium as Cr+6	IS 3025 (Part 52)
121	CHEMICAL- WATER	Portable Water	Iron	IS 3025 (Part 53)
122	CHEMICAL- WATER	Portable Water	Magnesium as Mg	IS 3025 (Part 46)
123	CHEMICAL- WATER	Portable Water	pH	IS 3025 (Part 11)
124	CHEMICAL- WATER	Portable Water	Phosphate as PO4	IS 3025 (Part 31)
125	CHEMICAL- WATER	Portable Water	Potassium as K	IS 3025 (Part 45)
126	CHEMICAL- WATER	Portable Water	Residual Chlorine	IS 3025 (Part 26)
127	CHEMICAL- WATER	Portable Water	Silica	IS 3025 (Part 35)
128	CHEMICAL- WATER	Portable Water	Sodium as Na	IS 3025 (Part 45)
129	CHEMICAL- WATER	Portable Water	Sulphate as SO4	IS 3025 (Part 24)
130	CHEMICAL- WATER	Portable Water	Temperature	IS 3025 (Part 9)
131	CHEMICAL- WATER	Portable Water	Total Alkalinity	IS 3025 (Part 23)
132	CHEMICAL- WATER	Portable Water	Total Dissolved Solid	IS 3025 (Part 16)
133	CHEMICAL- WATER	Portable Water	Total Hardness as CaCO3	IS 3025 (Part 21)
134	CHEMICAL- WATER	Portable Water	Total Kjehldhal Nitrogen as N	IS 3025 (Part 34)
135	CHEMICAL- WATER	Portable Water	Total Solid	IS 3025 (Part 15)
136	CHEMICAL- WATER	Portable Water	Total Suspended Solid	IS 3025 (Part 17)
137	CHEMICAL- WATER	Portable Water	Turbidity	IS 3015 (Part 10)
138	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3N	IS 3025 (Part 34)
139	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3N	IS 3025 (Part 34)
140	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen @ 20 °C for 5 Days	APHA 5210 - B (23rd Edition)

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141	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen @ 27 °C for 3 Days	IS 3025 (Part 44)
142	CHEMICAL- WATER	Surface Water	Boron	IS 3025 (Part 57)
143	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025 (Part 40)
144	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	IS 3025 (Part 58)
145	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025 (Part 32)
146	CHEMICAL- WATER	Surface Water	Color	IS (Part 4)
147	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
148	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025 (Part 14)
149	CHEMICAL- WATER	Surface Water	Fluoride	IS 3025 (Part 60)
150	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr+6	IS 3025 (Part 52)
151	CHEMICAL- WATER	Surface Water	Iron as Fe	IS 3025 (Part 53)
152	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025 (Part 46)
153	CHEMICAL- WATER	Surface Water	pH	IS 3025 (Part 11)
154	CHEMICAL- WATER	Surface Water	Phosphate as P	IS 3025 (Part 31)
155	CHEMICAL- WATER	Surface Water	Potassium	IS 3025 (Part 45)
156	CHEMICAL- WATER	Surface Water	Residual Chlorine	IS 3025 (Part 26)
157	CHEMICAL- WATER	Surface Water	Sodium	IS 3025 (Part 45)
158	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025 (Part 24)
159	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 9)
160	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
161	CHEMICAL- WATER	Surface Water	Total Dissolved Solid	IS 3025 (Part 16)
162	CHEMICAL- WATER	Surface Water	Total Hardness as CaCo3	IS 3025 (Part 21)
163	CHEMICAL- WATER	Surface Water	Total Kjehldhal Nitrogen as N	IS 3025 (Part 34)
164	CHEMICAL- WATER	Surface Water	Total Solid	IS 3025 (Part 15)
165	CHEMICAL- WATER	Surface Water	Total Suspended Solid	IS 3025 (Part 17)
166	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025 (Part 10)