National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EXCELLENT ENVIRO LABORATORY & RESEARCH CENTRE PRIVATE LIMITED, D - 52/ 18, MIDC WALUJ, AURANGABAD, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9807 **Page No** 1 of 6

Validity 03/09/2021 to 02/09/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxide of Nitrogen	IS 5182 (Part 6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 10	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	IS 5182 (Part 24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide	IS 5182 (Part 2)
5	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate	IS 2720 (Part 23)
6	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
7	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
8	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26) Rev. 2
10	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part 2)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Beryllium	IS 3025 (Part 2)
12	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium	IS 3025 (Part 2)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper	IS 3025 (Part 2)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed and Volatile Solids Ignited at 550 °C	APHA 2540 E
15	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron	IS 3025 (Part 2)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead	IS 3025 (Part 2)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium	IS 3025 (Part 2)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese	IS 3025 (Part 2)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Molybdenum	IS 3025 (Part 2)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel	IS 3025 (Part 2)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	IS 3025 (Part 2)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine	IS 3025 (Part 26)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 4500 SiO2 C, 23rd Edition
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silver	IS 3025 (Part 2)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500 Norg B and 4500 N-NH3 C
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 2540 - D
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc	IS 3025 (Part 2)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage)	pH at 25 °C	APHA 4500 H+ (Part B)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chloride	APHA 4500 Cl- B 23rd Edition
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Sulphate	APHA 4500 SO4 E 23rd Edition/ IS 3025 (Part 24)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity	IS 3025 (Part 22)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	APHA 4500 NH3 (Part C)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biological Oxygen Demand at 27 °C	IS 3025 (Part 44)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 (Part 58)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA 2510 (Part B) 23rd Edition
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium	APHA 3500 Cr (Part B) 23rd Edition
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate as NO3	APHA 4500 NO3 (Part B)

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38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite as NO2	APHA 4500 NO2 (Part B)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	IS 3025 (Part 39)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate	APHA 4500P (Part D) 23rd Edition
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity	IS 3025 (Part 23)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	APHA 2540 (Part C)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	APHA 2540 D, 23rd Edition
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Turbidity	APHA 2130 (Part B)
45	CHEMICAL- RESIDUES IN WATER	Water	Beryllium	IS 3025 (Part 2)
46	CHEMICAL- RESIDUES IN WATER	Water	Cadmium	IS 3025 (Part 2)
47	CHEMICAL- RESIDUES IN WATER	Water	Copper	IS 3025 (Part 2)
48	CHEMICAL- RESIDUES IN WATER	Water	Iron	IS 3025 (Part 2)
49	CHEMICAL- RESIDUES IN WATER	Water	Lead	IS 3025 (Part 2)
50	CHEMICAL- RESIDUES IN WATER	Water	Magnesium	IS 3025 (Part 2)
51	CHEMICAL- RESIDUES IN WATER	Water	Manganese	IS 3025 (Part 2)
52	CHEMICAL- RESIDUES IN WATER	Water	Molybdenum	IS 3025 (Part 2)
53	CHEMICAL- RESIDUES IN WATER	Water	Nickel	IS 3025 (Part 2):
54	CHEMICAL- RESIDUES IN WATER	Water	Potassium	IS 3025 (Part 2)
55	CHEMICAL- RESIDUES IN WATER	Water	Silver	IS 3025 (Part 2)
56	CHEMICAL- RESIDUES IN WATER	Water	Zinc	IS 3025 (Part 2)

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57	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3	IS 3025 (Part 34)
58	CHEMICAL- WATER	Drinking Water	Bicarbonate	IS 3025 (Part 23)
59	CHEMICAL- WATER	Drinking Water	Biological Oxygen Demand at 27 °C	IS 3025 (Part 44)
60	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
61	CHEMICAL- WATER	Drinking Water	Carbonate	IS 3025 (Part 23)
62	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	IS 3025 (Part 58)
63	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
64	CHEMICAL- WATER	Drinking Water	Colloidal Silica	IS 3025 (Part 35)
65	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 (Part 14)
66	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
67	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	APHA 3500 Cr (Part B)
68	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 3500 Mg (Part B)
69	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34)
70	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
71	CHEMICAL- WATER	Drinking Water	pH at 25 °C	IS 3025 (Part 11)
72	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31)
73	CHEMICAL- WATER	Drinking Water	Reactive Silica	IS 3025 (Part 35)
74	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
75	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24)
76	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 8)
77	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
78	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
79	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
80	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)
81	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	IS 3025 (Part 34)
82	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
83	CHEMICAL- WATER	Ground Water	Chloride	IS 3025 (Part 32):
84	CHEMICAL- WATER	Ground Water	Electrical Conductivity	APHA 2510 (Part B)
85	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)

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86	CHEMICAL- WATER	Ground Water	Nitrate	APHA 4500 NO3 - B, 23rd Edition
87	CHEMICAL- WATER	Ground Water	Nitrite	APHA 4500 NO2 (Part B)
88	CHEMICAL- WATER	Ground Water	pH	IS 3025 (Part 11)
89	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26):
90	CHEMICAL- WATER	Ground Water	Sulphate	APHA 4500 SO4 (Part E)
91	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (Part 23)
92	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
93	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 (Part 21)
94	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
95	CHEMICAL- WATER	Packaged Drinking Water	Calcium	IS 3025 (Part 40)
96	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 (Part 32)
97	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity	APHA 2510 (Part B) 23rd Edition
98	CHEMICAL- WATER	Packaged Drinking Water	Fluoride	APHA 4500 (Part D) 23rd Edition
99	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent Chromium	APHA 3500 Cr (Part B)
100	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	IS 3025 (Part 46)
101	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 4500 NO3 - B , 23rd Edition
102	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS 3025 (Part 34)
103	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
104	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 4500 H+ (Part B) 23rd Edition
105	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 4500 SO4 (Part E) 23rd Edition
106	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
107	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA 2540 (Part C) 23rd Edition
108	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	IS 3025 (Part 21)
109	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
110	CHEMICAL- WATER	Water for Construction Purpose	Acidity	IS 3025 (Part 22)
111	CHEMICAL- WATER	Water for Construction Purpose	Chloride	IS 3025 (Part 32)

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112	CHEMICAL- WATER	Water for Construction Purpose	Electrical Conductivity	IS 3025 (Part 14)
113	CHEMICAL- WATER	Water for Construction Purpose	pH	IS 3025 (Part 2)
114	CHEMICAL- WATER	Water for Construction Purpose	Sulphate	IS 3025 (Part 24)
115	CHEMICAL- WATER	Water for Construction Purpose	Total Alkalinity	IS 3025 (Part 23)
116	CHEMICAL- WATER	Water for Construction Purpose	Total Dissolved Solids	IS 3025 (Part 16)
117	CHEMICAL- WATER	Water for Swimming Pool	Chloride	APHA 4500 Cl (Part B) 23rd Edition
118	CHEMICAL- WATER	Water for Swimming Pool	Electrical Conductivity	APHA 2510 (Part B) 23rd Edition
119	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
120	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 4500 H+ (Part B) 23rd Edition
121	CHEMICAL- WATER	Water for Swimming Pool	Residual Chlorine	IS 3025 (Part 26)
122	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025 (Part 23)
123	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 2540 (Part C) 23rd Edition
124	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 (Part 10)

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.