National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIRO TECH SERVICES, 40 SANTHRUPTHI, 3RD CROSS, MANJUNATHA LAYOUT, VIRGONAGAR POST, MEDAHALLI, OLD MADRAS ROAD, BENGALURU, BENGALURU URBAN, KARNATAKA, 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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182 (Part 06)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter 10	IS 5182 (Part 23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter 2.5	USEPA Quality Assurance book
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part 02)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Noise level	Ambient Noise	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission DG/Boiler	Oxide of Nitrogen	IS 11255 (Part 07)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission DG/Boiler	Particulate Matter	IS 11255 (Part 01)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission DG/Boiler	Sulphur Dioxide	IS 11255(Part 02)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Ammonical Nitrogen as NH3-N (by Titrimetric Method)	APHA 23RD Edition 4500-NH3-B and C
10	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Biochemical Oxygen Demand @ 27°C for 3 Days as O2 - Winkler method	IS 3025 (Part 44)
11	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Boron as B (by Curcumin method)	APHA 23 rd Edition 4500 B.B
12	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Calcium as Ca (by Titrimetric Method)	IS 3025 (Part 40)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chemical Oxygen Demand as O2 (by Open Reflex method)	IS 3025 (Part 58)
14	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Chloride as Cl (by Argentometric Method)	IS 3025 (Part 32)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Color (by Visual Comparison Method)	IS 3025 (Part 04)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Conductivity @ 25 °C (by Electrometric Method)	IS 3025 (Part 14)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Dissolved Oxygen (by Winkler Method)	IS 3025 (Part 38)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Magnesium as Mg (by Calculation Method)	IS 3025 (Part 46)

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Odour	IS 3025 (Part 5) Qualitative
20	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Oil & Grease (by Gravimetric Method)	IS 3025 (Part 39)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	pH @ 25 °C (by Electrometric Method)	IS 3025 (Part 11)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Residual Free Chlorine as Cl2 (byTitrimetric Method)	IS :3025(Part-26)
23	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Sulphate as SO4 (by Turbidimetric Method)	IS 3025 (Part 24)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Acidity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 22)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Alkalinity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 23)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Dissolved Solids @ 180 °C (by Gravimetric Method)	IS 3025 (Part 16)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Hardness as Caco3 (by EDTA Titrimetric Method)	IS 3025 (Part 21)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Kjeldahl Nitrogen (by Macro Kjeldahl Method)	APHA 23RD Edition 4500-n-orgB 4500-N-C (m
29	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Nitrogen (by Per sulphate Method)	APHA 23RD Edition 4500-N-C
30	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total phosphorous as P (by Stannous Chloride Method)	IS 3025 (Part 31)
31	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Total Suspended Solids @ 105 °C (by Gravimetric Method)	IS 3025 (Part 17)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents/Sewage	Turbidity (by Nephlometric Method)	IS 3025 (Part 10)
33	CHEMICAL- WATER	Drinking Water	Bicarbonate (by Titration Method)	APHA 23RD Edition 2320-B
34	CHEMICAL- WATER	Drinking Water	Boron as B (by Curcumin method)	APHA 23nd Edition 4500 B.B
35	CHEMICAL- WATER	Drinking Water	Calcium as CaCO3 (by Titrimetric Method)	IS 3025 (Part 40)
36	CHEMICAL- WATER	Drinking Water	Carbonate (by Ttration Method)	APHA 23RD Edition 2320-B
37	CHEMICAL- WATER	Drinking Water	Chloride as Cl (by Argentometric Method)	IS 3025 (Part 32)

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
38	CHEMICAL- WATER	Drinking Water	Color (by Visual Comparison Method)	IS 3025 (Part 04)
39	CHEMICAL- WATER	Drinking Water	Conductivity @ 25 °C (by Electrometric Method)	IS 3025 (Part 14)
40	CHEMICAL- WATER	Drinking Water	Fluoride as F (by SPADNS Method)	APHA 23nd Edition 4500F D
41	CHEMICAL- WATER	Drinking Water	Iron as Fe (by Phenonthroline Method)	IS 3025 (Part 53) : 1, 10
42	CHEMICAL- WATER	Drinking Water	Magnesium as Mg (by Calculation Method)	IS 3025 (Part 46)
43	CHEMICAL- WATER	Drinking Water	Nitrate as NO3 (by Chromotrophic Method)	IS 3025 (Part 34)
44	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 05)
45	CHEMICAL- WATER	Drinking Water	pH @ 25°C (by Electrometric Method)	IS 3025 (Part 11)
46	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine as RFCl (by Titrimetric Method)	IS 3025 (Part 26)
47	CHEMICAL- WATER	Drinking Water	Sulphate as SO4 (by Turbidity metric Method)	IS 3025 (Part 24)
48	CHEMICAL- WATER	Drinking Water	Temperature @ °C	IS 3025 (Part 09)
49	CHEMICAL- WATER	Drinking Water	Total Acidity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 22)
50	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3 (by Titricmetric Method)	IS 3025 (Part 23)
51	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids @ 180 °C (by Gravimetric Method)	IS 3025 (Part 16)
52	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3 (by Titrimetric Method)	IS 3025 (Part 21)
53	CHEMICAL- WATER	Drinking Water	Total Suspended Solids @ 105 °C (by Gravimetric Method)	IS 3025 (Part 17)
54	CHEMICAL- WATER	Drinking Water	Turbidity (by Nephlometric Method)	IS 3025 (Part 10)
55	CHEMICAL- WATER	Ground Water	Bicarbonate (by Titration Method)	APHA 23RD Edition 2320-B
56	CHEMICAL- WATER	Ground Water	Boron as B (by Curcumin Method)	APHA 23RD edition 4500 B.B
57	CHEMICAL- WATER	Ground Water	Calcium as Ca (by Titrimetric Method)	IS 3025 (Part 40)

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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
58	CHEMICAL- WATER	Ground Water	Carbonate (by Titration Method)	APHA 23RD Edition 2320-B
59	CHEMICAL- WATER	Ground Water	Chloride as Cl (by Argentometric Method)	IS 3025 (Part 32)
60	CHEMICAL- WATER	Ground Water	Color (by Visual Comparision Method)	IS 3025 (Part 04)
61	CHEMICAL- WATER	Ground Water	Conductivity @ 25 °C (by Electrometric Method)	IS 3025 (Part 14)
62	CHEMICAL- WATER	Ground Water	Fluoride as F (by SPADNS Method)	APHA 23RD Edition 4500F D
63	CHEMICAL- WATER	Ground Water	Iron as Fe (by Phenonthroline Method)	IS 3025 (Part 53) : 1,10
64	CHEMICAL- WATER	Ground Water	Magnesium as Mg (by Calculation Method)	IS 3025 (Part 46)
65	CHEMICAL- WATER	Ground Water	Nitrate as NO3 (by Chromotrophic Method)	IS 3025 (Part 34)
66	CHEMICAL- WATER	Ground Water	Odour (by Qualitative Method)	IS 3025 (Part 5)
67	CHEMICAL- WATER	Ground Water	pH @ 25 °C (by Electrometric Method)	IS 3025 (Part 11)
68	CHEMICAL- WATER	Ground Water	Residual Free Chlorine as Cl2 (by Titrimetric Method)	IS 3025 (Part 26)
69	CHEMICAL- WATER	Ground Water	Sulphate as SO4 (by Turbidimetric Method)	IS 3025 (Part 24)
70	CHEMICAL- WATER	Ground Water	Temperature °C	IS 3025 (Part 09)
71	CHEMICAL- WATER	Ground Water	Total Acidity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 22)
72	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 23)
73	CHEMICAL- WATER	Ground Water	Total Dissolved Solids @ 180 °C (by Gravimetric Method)	IS 3025 (Part 16)
74	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3 (by Tritimetric Method)	IS 3025 (Part 21)
75	CHEMICAL- WATER	Ground Water	Total Suspended Solids @ 105 °C (by Gravimetric Method)	IS 3025 (Part 17)
76	CHEMICAL- WATER	Ground Water	Turbidity (by Nephlometric Method)	IS 3025 (Part 10)
77	CHEMICAL- WATER	Surface Water	Bicarbonate (by Titration Method)	APHA 23RD Edition 2320-B

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78	CHEMICAL- WATER	Surface Water	Boron as B (by Curcumin Method)	APHA 23RD Edition 4500 B.B
79	CHEMICAL- WATER	Surface Water	Calcium as Ca (by Titrimetric Method)	IS 3025 (Part 40)
80	CHEMICAL- WATER	Surface Water	Carbonate (by Titration Method)	APHA 23RD Edition 2320-B
81	CHEMICAL- WATER	Surface Water	Chloride as Cl (by Argentometric Method)	IS 3025 (Part 32)
82	CHEMICAL- WATER	Surface Water	Color (by Visual Comparison Method)	IS 3025 (Part 04)
83	CHEMICAL- WATER	Surface Water	Conductivity @ 25°C (by Electrometric Method)	IS 3025 (Part 14)
84	CHEMICAL- WATER	Surface Water	Fluoride as F (by SPADANS Method)	APHA 23RD Edition 4500 D
85	CHEMICAL- WATER	Surface Water	Iron as Fe (by Phenonthroline Method)	IS 3025 (Part 53) : 1,10
86	CHEMICAL- WATER	Surface Water	Magnesium as Mg (by Calculation Method)	IS 3025 (Part 46)
87	CHEMICAL- WATER	Surface Water	Nitrate as NO3 (by Chromotrophic Method)	IS 3025 (Part 34)
88	CHEMICAL- WATER	Surface Water	odour (by Qualitative Method)	IS 3025 (Part 05)
89	CHEMICAL- WATER	Surface Water	pH @ 25°C (by Electrometric Method)	IS 3025 (Part 11)
90	CHEMICAL- WATER	Surface Water	Residual Free Chlorine as Cl2 (by Titrimetric Method)	IS 3025 (Part 26)
91	CHEMICAL- WATER	Surface Water	Sulphate as SO4 (by Turbiditymetric Method)	IS 3025 (Part 24)
92	CHEMICAL- WATER	Surface Water	Temperature	IS 3025 (Part 09)
93	CHEMICAL- WATER	Surface Water	Total Acidity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 22)
94	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3 (by Titrimetric Method)	IS 3025 (Part 23)
95	CHEMICAL- WATER	Surface Water	Total Dissolved Solids @ 180 °C (by Gravimetric Method)	IS 3025 (Part 16)
96	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3 (by Titrimetric Method)	IS 3025 (Part 21)
97	CHEMICAL- WATER	Surface Water	Total Suspended Solids @ 105 °C (by Gravimetric Method)	IS 3025 (Part 17)

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98	CHEMICAL- WATER	Surface Water	Turbidity (by Nephelometric Method)	IS 3025 (Part 10)