National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GEOGREEN TESTING LABORATORY, C-1/20, VIRAJ KHAND, GOMTI NAGAR, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 18/10/2021 to 17/10/2023 **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	Air Ambient quality	SOX	IS 5182 (Part 2)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	NOX	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	PM10	IS 5182 (Part 23)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality	PM2.5	SOP No. GTL/R/05 Issue No. 01: 2018
5	CHEMICAL- ATMOSPHERIC POLLUTION	Noise	Noise	SOP No. GTL/R/07 Issue No. 1: 2018
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	SOX	IS 11255 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	NOX	IS 11255 (Part 7)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	SPM	IS 11255 (Part 1)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available phosphorous	SOP No. GTL/R/06 Issue No. 1: 2018
10	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	SOP No. GTL/R/06 Issue No. 1: 2018
11	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sulphur	SOP No. GTL/R/06 Issue No. 1: 2018
12	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Calcium and Magnesium	SOP No. GTL/R/06 Issue No. 1
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity (EC)	SOP No. GTL/R/06 Issue No. 1: 2018
14	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Minralizable Nitrogen	SOP No. GTL/R/06 Issue No. 1: 2018
15	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Moisture	SOP No. GTL/R/06 Issue No. 1: 2018
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	SOP No. GTL/R/06 Issue No. 1: 2018
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	SOP No. GTL/R/06 Issue No. 1: 2018
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Organic Carbon (TOC)	SOP No. GTL/R/06 Issue No. 1: 2018

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19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	SOP No. GTL/R/06 Issue No. 1: 2018
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water (Effluent /sewage)	Oil and Grease	5520 B, 23rd Edition - APHA
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	Chemical Oxygen Demand	5220 B, 23rd Edition - APHA
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolve Oxygen (DO)	4500 OC, 23rd APHA
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	2540D,23rd edition,APHA
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water(Effluents/Sewage)	pH	4500 H+, B, 23rd Edition - APHA
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water(Effluents/ Sewage)	Electrical Conductivity (EC)	2510 B. 23rd Edition - APHA
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Biochemical Oxygen Demand	IS 3025 (Part-44)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water(Effluents/Sewage)	Total Dissolved Solution(TDS)	2540, 23rd Edition - APHA
28	CHEMICAL- WATER	Drinking Water	Alkalinity	2320 B, 23rd Edition - APHA
29	CHEMICAL- WATER	Drinking Water	Calcium (Ca)	3500 Ca B, 23rd Edition - APHA
30	CHEMICAL- WATER	Drinking Water	Chloride	4500 Cl B, 23rd Edition - APHA
31	CHEMICAL- WATER	Drinking Water	Color	2120 B ,23rd Edition - APHA
32	CHEMICAL- WATER	Drinking Water	Electrical Conductivity (EC)	2510 B. 23rd Edition - APHA
33	CHEMICAL- WATER	Drinking Water	Flouride	4500 F, D, 23rd Edition - APHA
34	CHEMICAL- WATER	Drinking Water	Iron (Fe)	3500 Fe B, 23rd Edition - APHA
35	CHEMICAL- WATER	Drinking Water	Magnesium	3500 B, 23rd Edition - APHA
36	CHEMICAL- WATER	Drinking Water	Manganese	3500 B, 23rd Edition - APHA
37	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (Part 34)
38	CHEMICAL- WATER	Drinking Water	pH	4500 H+, B, 23rd Edition - APHA
39	CHEMICAL- WATER	Drinking Water	Potassium	3500 K B, 23rd Edition - APHA
40	CHEMICAL- WATER	Drinking Water	Sodium	3500 Na A, 23rd Edition - APHA
41	CHEMICAL- WATER	Drinking Water	Sulphate	4500 SO4 E, 23rd Edition - APHA
42	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	2540, 23rd Edition - APHA

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43	CHEMICAL- WATER	Drinking Water	Total Hardness	2340 A, 23rd Edition - APHA
44	CHEMICAL- WATER	Drinking Water	Total Suspended Solids (TSS)	2540D,23rd edition,APHA
45	CHEMICAL- WATER	Drinking Water	Turbidity	2130 B, 23rd Edition - APHA
46	CHEMICAL- WATER	Ground Water	Alkalinity	2320 B, 23rd Edition - APHA
47	CHEMICAL- WATER	ground water	Calcium (Ca)	3500 Ca B, 23rd Edition - APHA
48	CHEMICAL- WATER	Ground water	Chloride	4500 Cl B, 23rd Edition - APHA
49	CHEMICAL- WATER	Ground Water	colour	2120 B, 23rd Edition - APHA
50	CHEMICAL- WATER	Ground Water	Electrical Conductivity (EC)	2510 B, 23rd Edition - APHA
51	CHEMICAL- WATER	Ground Water	Flouride	4500 F D, 23rd Edition - APHA
52	CHEMICAL- WATER	Ground water	Iron	3500 Fe B, 23rd Edition - APHA
53	CHEMICAL- WATER	Ground Water	Magnesium	3500 B, 23rd Edition - APHA
54	CHEMICAL- WATER	Ground water	Manganese	3500 Mn B, 23rd Edition - APHA
55	CHEMICAL- WATER	Ground Water	Nitrate	arIS 3025 (Pt 34)
56	CHEMICAL- WATER	Ground Water	pH	4500 H+, B, 23rd Edition - APHA
57	CHEMICAL- WATER	Ground water	Potassium	3500 K B, 23rd Edition - APHA
58	CHEMICAL- WATER	Ground water	Sodium	3500 Na A 23rd Edition APHA
59	CHEMICAL- WATER	Ground water	Sulphate	4500 SO4 E, 23rd Edition - APHA
60	CHEMICAL- WATER	Ground Water	Total Dissolve Solids (TDS)	2540, 23rd Edition - APHA
61	CHEMICAL- WATER	Ground water	Total Hardness	2340 A, 23rd Edition - APHA
62	CHEMICAL- WATER	Ground water	Total Suspended Solid	2540D,23rd edition,APHA
63	CHEMICAL- WATER	Ground Water	Turbidity	0 213B, 23rd Edition - APHA
64	CHEMICAL- WATER	Industrial Water	Calcium (Ca)	3500 Ca B, 23rd Edition - APHA
65	CHEMICAL- WATER	Industrial Water	Alkalinity	2320 B, 23rd Edition - APHA
66	CHEMICAL- WATER	Industrial Water	Bio Chemical Oxygen Demand	IS 3025 (Part-44)
67	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand	5220 B, 23rd Edition - APHA
68	CHEMICAL- WATER	Industrial Water	Chloride	4500 Cl B, 23rd Edition - APHA
69	CHEMICAL- WATER	Industrial Water	Colour	2120 B ,23rd Edition - APHA
70	CHEMICAL- WATER	Industrial Water	Dissolve Oxygen	4500 Oc, 23rd Edition - APHA
71	CHEMICAL- WATER	Industrial Water	Electrical Conductivity (EC)	2510 B, 23rd Edition - APHA

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72	CHEMICAL- WATER	Industrial Water	Fluoride	4500 F D, 23rd Edition - APHA
73	CHEMICAL- WATER	Industrial Water	Iron	3500 Fe B, 23rd Edition - APHA
74	CHEMICAL- WATER	Industrial Water	Magnesium	3500 B, 23rd Edition - APHA
75	CHEMICAL- WATER	Industrial Water	Manganese	3500 B, 23rd Edition - APHA
76	CHEMICAL- WATER	Industrial Water	Nitrate	IS 3025 (Part 34)
77	CHEMICAL- WATER	Industrial Water	Oil and Grease	5520 B, 23rd Edition - APHA
78	CHEMICAL- WATER	Industrial Water	pH	4500 H+, B, 23rd Edition - APHA
79	CHEMICAL- WATER	Industrial Water	Potassium	3500 K B, 23rd Edition - APHA
80	CHEMICAL- WATER	Industrial Water	Sodium	3500 Na A, 23rd Edition - APHA
81	CHEMICAL- WATER	Industrial Water	Sulphate	4500 SO4 E, 23rd Edition - APHA
82	CHEMICAL- WATER	Industrial Water	Total Dissolve Solid	2540, 23rd Edition - APHA
83	CHEMICAL- WATER	Industrial Water	Total Hardness	2340 A, 23rd Edition - APHA
84	CHEMICAL- WATER	Industrial Water	Turbidity	2130 B, 23rd Edition - APHA
85	CHEMICAL- WATER	surface water	Alkalinity	2320 B, 23rd Edition - APHA
86	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 (Part 44)
87	CHEMICAL- WATER	Surface water	Calcium (Ca)	3500 Ca B, 23rd Edition - APHA
88	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	5520 B, 23rd Edition - APHA
89	CHEMICAL- WATER	Surface water	chloride	4500 Cl B, 23rd Edition - APHA
90	CHEMICAL- WATER	Surface Water	color	2120 B ,23rd Edition - APHA
91	CHEMICAL- WATER	Surface Water	Dissolve Oxygen	4500 Oc, 23rd Edition - APHA
92	CHEMICAL- WATER	Surface Water	Electrical Conductivity (EC)	2510 B, 23rd Edition - APHA
93	CHEMICAL- WATER	Surface water	Fluoride	4500 F, D, 23rd Edition - APHA
94	CHEMICAL- WATER	Surface Water	Iron	3500 Fe B, 23rd Edition - APHA
95	CHEMICAL- WATER	Surface Water	Magnesium	3500 B, 23rd Edition - APHA
96	CHEMICAL- WATER	Surface Water	Manganese	3500 Mn B, 23rd Edition - APHA
97	CHEMICAL- WATER	Surface water	Nitrate	IS 3025 (Part 34)
98	CHEMICAL- WATER	Surface water	Oil and Grease	5520 B, 23rd Edition - APHA
99	CHEMICAL- WATER	Surface water	pH	4500 H+, B, 23rd Edition - APHA
100	CHEMICAL- WATER	Surface water	Potassium	3500 K B, 23rd Edition - APHA

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101	CHEMICAL- WATER	Surface Water	Sodium	3500 Na A, 23rd Edition - APHA
102	CHEMICAL- WATER	Surface water	Sulphate	4500 SO4 E, 23rd Edition - APHA
103	CHEMICAL- WATER	surface Water	Total Dissolved Solids (TDS)	2540, 23rd Edition - APHA
104	CHEMICAL- WATER	Surface water	Total Hardness	2340 A, 23rd Edition - APHA
105	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	2540D, 23rd edition, APHA
106	CHEMICAL- WATER	Surface Water	Turbidity	2130 B, 23rd Edition - APHA: 2017
107	CHEMICAL- WATER	water from purifiers	Potassium	3500 K B, 23rd Edition APHA
108	CHEMICAL- WATER	water from purifiers	Residual Chlorine	4500 B, 23rd Edition APHA
109	CHEMICAL- WATER	water from purifiers	Sodium	3500 Na A, 23rd APHA
110	CHEMICAL- WATER	water from purifiers	Sulphate	4500 SO4 E, 23rd APHA
111	CHEMICAL- WATER	water from purifiers	Total Dissolved Solid (TDS)	2540, 23rd Edition APHA
112	CHEMICAL- WATER	water from purifiers	Total Hardness	2340 A, 23rd Edition APHA
113	CHEMICAL- WATER	water from purifiers	Turbidity	2130 B, 23rd Edition APHA
114	CHEMICAL- WATER	Water from Water Purifiers	Alkalinity	2320 B, 23rd Edition - APHA
115	CHEMICAL- WATER	Water from Water Purifiers	Calcium (Ca)	3500 Ca B, 23rd Edition - APHA
116	CHEMICAL- WATER	Water from Water Purifiers	Chloride	4500 Cl B, 23rd Edition - APHA
117	CHEMICAL- WATER	Water from Water Purifiers	Color	2120 B ,23rd Edition - APHA
118	CHEMICAL- WATER	Water from Water Purifiers	Electrical Conductivity (EC)	2510 B. 23rd Edition - APHA
119	CHEMICAL- WATER	Water from Water Purifiers	Flouride	4500 F, D, 23rd Edition - APHA
120	CHEMICAL- WATER	Water from Water Purifiers	Iron	3500 Fe B, 23rd Edition - APHA
121	CHEMICAL- WATER	Water from Water Purifiers	Magnesium	3500 B, 23rd Edition - APHA
122	CHEMICAL- WATER	Water from Water Purifiers	Mangnese	3500 B, 23rd Edition - APHA
123	CHEMICAL- WATER	Water from Water Purifiers	Nitrate	IS 3025 (Part 34)
124	CHEMICAL- WATER	Water from Water Purifiers	pH	4500 H+, B, 23rd Edition - APHA
125	CHEMICAL- WATER	Water from Water Purifiers	Potassium	3500 K B, 23rd Edition - APHA
126	CHEMICAL- WATER	Water from Water Purifiers	Residual Chlorine	4500 B, 23rd Edition - APHA
127	CHEMICAL- WATER	Water from Water Purifiers	Sodium	3500 Na A, 23rd Edition - APHA
128	CHEMICAL- WATER	Water from Water Purifiers	Sulphate	4500 SO4 E, 23rd Edition - APHA

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129	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids (TDS)	2540, 23rd Edition - APHA
130	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness	2340 A, 23rd Edition - APHA
131	CHEMICAL- WATER	Water from Water Purifiers	Total Suspended Solids (TSS)	2540D, 23rd edition, APHA
132	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	2130 B, 23rd Edition - APHA