National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL ENVIRO LABS, #2-2-1075/14/A/1, TILAKNAGAR X ROAD, BAGH AMBERPET, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 05/05/2022 to 04/05/2024 **Last Amended on** 12/06/2023

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	Escherichia coli	Section 9221G(2), APHA 23rd Edn
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/Waste water	Faecal coliforms	IS 1622
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent/Waste water	Faecal Streptococcocci	IS 1622
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste water	Total Coliforms	Section 9221, APHA 23rd Edn:
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste water	E. coli	IS 1622
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste water	Standard Plate count	IS 1622
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/Waste water	Total Coliforms	IS 1622
8	BIOLOGICAL- WATER	Drinking water	E. coli	IS 1622
9	BIOLOGICAL- WATER	Drinking water	Faecal coliforms	IS 1622
10	BIOLOGICAL- WATER	Drinking water	Standard plate count	IS 1622
11	BIOLOGICAL- WATER	Drinking water	Total Coliforms	IS 1622
12	BIOLOGICAL- WATER	Ground water	E. coli	IS 1622
13	BIOLOGICAL- WATER	Ground water	Faecal Streptococci	IS 1622
14	BIOLOGICAL- WATER	Ground water	Standard Plate count	IS 1622
15	BIOLOGICAL- WATER	Ground water	Total Coliforms	IS 1622
16	BIOLOGICAL- WATER	Groundwater	Faecal coliforms	IS 1622
17	BIOLOGICAL- WATER	Surface water	E. coli	IS 1622
18	BIOLOGICAL- WATER	Surface water	Faecal coliforms	IS 1622
19	BIOLOGICAL- WATER	Surface water	Faecal Streptococcocci	IS 1622
20	BIOLOGICAL- WATER	Surface water	Standard Plate count	IS 1622
21	BIOLOGICAL- WATER	Surface Water	Total Coliforms	IS 1622

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22	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS 5182 (Part-25)
23	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide	GEL/SOP/AAQ-01
24	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead	IS 5182 Part-22 (RA 2019)
25	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen Dioxide	IS 5182(Part-6)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 (Part-10)
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter PM 10	IS 5182 (PART 23)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Particulate matter PM 10	IS 5182 (PART 23)
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM 2.5	IS 5182 (Part-24)
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur dioxide (SO2)	IS 5182 (Part-2)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Suspended particulate matter	IS 5182 (Part-4)
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	temperature	IS 5182 (Part 4)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Illumination level	Illumination level	IS 3646
34	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	% Lower explosive limit	GEL/SOP/IIQ-03
35	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Air flow velocity	GEL/SOP/IIQ-05
36	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air quality	Ammonia	GEL/SOP/IIQ-01
37	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air quality	Carbon Dioxide	GEL/SOP/IIQ-01 (By IIQ Analyzer)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Nitrogen Dioxide	GEL/SOP/IIQ-01
39	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air quality	Ozone	GEL/SOP/IIQ-01
40	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor air quality	Sulfur dioxide	GEL/SOP/IIQ-01 (By IIQ analyzer)

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41	CHEMICAL- ATMOSPHERIC POLLUTION	Indoor Air Quality	Total VOC	GEL/SOP/IIQ-02
42	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level	Noise Level	IS 9989
43	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level	Sound Pressure Level - instantaneous	GEL/LAB/SOP/051
44	CHEMICAL- ATMOSPHERIC POLLUTION	Noise level source	Noise level source	IS 4758
45	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 Part-6
46	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Dioxide (Flue gas analyzer method)	GEL/SOP/SE/01
47	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon Monoxide (Flue gas analyzer method)	GEL/SOP/SE/01
48	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Flow rate	IS 11255; Part-3
49	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Flue gas velocity	IS 11255 (Part-3)
50	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Fluoride (Particulate)	IS 11255 Part-5
51	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Hydrogen Sulphide	IS 11255 Part-04
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	USEPA Method 7E
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (By Flue gas analyzer method)	GEL/SOP/SE/02
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen as O2	GEL/SOP/SE/01
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255(Part-1)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulfur Dioxide (SO2)	GEN/SOP/SE/01
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulfur Dioxide (SO2)	IS 11255 (Part-2)
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur dioxide as SO2	IS:11255 (Part2)
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Temperature	IS 11255 Part-3

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60	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Biochemical Oxygen Demand 3 day at 270C	IS 3025 (Part 44)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Chemical Oxygen Demand	APHA 23rd Edn.- 5220 B
62	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Dissolved Oxygen	APHA 23rd Edn.- 4500 C
63	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Fixed Solids	APHA 23rd Edn.- 2540 E
64	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Oil & Grease	APHA 23rd Edition; 5520 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Total Hardness as CaCO3	APHA 2340 C (23rd Edn):
66	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Total Solids	APHA 23rd - 2540 B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Turbidity	APHA 2540B (23rd Edn): 2017
68	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/ Sewage Water	Volatile Solids	APHA 23rd Edn.- 2540 E
69	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Alkalinity as CaCO3	APHA 2320 B (23rd Edn)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Ammonical Nitrogen	APHA 4500-NH3 (23rd Edn)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Calcium as Ca	APHA 3500 Ca B (23rd Edn)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Chloride as Cl-	APHA 4500 Cl B (23rd Edn):
73	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Color	APHA 2120 C (23rd Edn):
74	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Electrical Conductivity	APHA (23rd Edn) 2510 B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Fluoride as F-	APHA 4500 F D (23rd Edn):
76	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Iron as Fe	APHA 4500 Fe- C (23rd Edn)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Magnesium as Mg	APHA 3500 B Mg (23rd Edn)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Nitrate as NO3	APHA 4500 NO3- (23rd Edn):

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79	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Nitrite as NO2	APHA 4500- NO2 B (23rd Edn):
80	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	pH	APHA 23rd edn; 4500 H
81	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Phosphate as P	IS 3025 (Part 31)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Potassium as K	APHA 4500 P C (23rd Edn):
83	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Sodium as Na	APHA 3500 Na B (23rd Edn):
84	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Sulphates	APHA 4500 SO4 D (23rd Edn)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Total Alkalinity as CaCO3	APHA 2320 B (23rd Edn)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Total Dissolved Solids	APHA 2540C (23rd Edn)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Total Silica	APHA 4500 SiO2 C (23rd Edn
88	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent/Sewage Water	Total Suspended Solids	APHA 23rd Edn- 2540 D
89	CHEMICAL- POLLUTION & ENVIRONMENT	Sludge/Sediment/Soild and Hazardous waste	Flash Point	GEL/SOP/SS-01
90	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry/Sludge/Solid & Hazardous Waste	Chromium	GEL/SOP/SS-02
91	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry/Sludge/Solid & Hazardous waste	Copper	GEL.SOP/SS-02
92	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry/Sludge/Solid & Hazardous Waste	Lead	GEL/SOP/SS-02
93	CHEMICAL- POLLUTION & ENVIRONMENT	Slurry/Sludge/Solid & Hazardous waste	Zinc	GEL/SOP/SS-02
94	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium as Ca	GEL/SOP/SE/01
95	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Magnesium	GEL/SOP/S/02
96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen as N	GEL/SOP/S-12
97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorous	GEL/SOP/S/03

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98	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	GEL/SOP/S-10
99	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Sodium	GEL/SOP/S-11
100	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
101	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
102	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Gross Calorific value	GEL/SOP/S-15
103	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Moisture	IS 2720 (Part-2)
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nitrogen	IS 14684
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part-22)
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part-22)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720 (Part 26)
108	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Sodium Absorption Ration (SAR) of exchangable ions	GEL/SOP/S-12
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture: clay	GEL/SOP/S-01
110	CHEMICAL- POLLUTION & ENVIRONMENT	soil	Soil texture: Sand	GEL/SOP/S-01
111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soil Texture: slit	GEL/SOP/S-01
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble Chloride	GEL/SOP/S/04
113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Soluble sulfates	IS 2720 (Part-27)
114	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Boron as B	4500 B, B Curcumin method APHA 23rd edn
115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium as Cr	APHA (23rd edn) 3111 B, AAS Method
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper Cu	APHA (23rd edn) 3111 B, AAS Method

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117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead as Pb	APHA (23rd edn) 3111 B, AAS Method
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese as Mn	APHA (23rd edn) 3111 B, AAS Method
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mixed liquor Suspended Solids MLSS	2540D, APHA 23rd edn
120	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Mixed Liquor volatile Suspended Solids (MLVSS)	2540E, APHA 23rd edn.
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate	IS 3025 Part 34
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrogen (Organic) as N	APHA 23rd Edition, 4500 N (OrgO)B
123	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Phenolic compounds	5530 B,C, D APHA 23rd edn.
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine a Cl2	APHA 23rd Edition, 4500 Cl B;
125	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Sulphide	4500F idometric method APHA 23rd Edn.
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Temperature	2550B, APHA 23rd edn.
127	CHEMICAL- POLLUTION & ENVIRONMENT	waste water	Total kjeldahl Nitrogen as N	4500-N, B, APHA 23rd edn
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc as Zn	APHA (23rd edn) 3111 B, AAS Method
129	CHEMICAL- POLLUTION & ENVIRONMENT	wastewater	Hexavalent chromium	3500-Cr B, Colorimetric method, APHA 23rd edn.
130	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	APHA 23rd Edition, 4500 B
131	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as N	APHA 23rd Edition, 4500 NH3 B
132	CHEMICAL- WATER	Drinking Water	Biochemical Oxygen Demand (3 days @ 27 degree C)	IS:3025 (Part-44)
133	CHEMICAL- WATER	Drinking Water	Boron	4500B, B , curcumin method APHA 23rd edn
134	CHEMICAL- WATER	Drinking Water	Boron as B	APHA 23rd Edition, 4500 N (Org) B (Curcumin Method)
135	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
136	CHEMICAL- WATER	Drinking Water	Chromium as Cr	APHA (23rd edn) 3111 B, AAS Method

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137	CHEMICAL- WATER	Drinking Water	Copper as Cu	APHA (23rd edn) 3111 B, AAS Method
138	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition, 4500 C
139	CHEMICAL- WATER	Drinking Water	Electrical Conductivty	APHA (23rd Edition) 2510 B
140	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA 4500 F D (23rd Edn)
141	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA 3500 Fe- B (23rd Edn)
142	CHEMICAL- WATER	Drinking Water	Lead Pb	APHA (23rd edn) 3111 B, AAS Method
143	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 3500 Mg (23rd Edn)
144	CHEMICAL- WATER	Drinking Water	Manganese as Mn	APHA (23rd edn) 3111 B, AAS Method
145	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 P-34
146	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as N	APHA 23rd Edition 4500 NO2-B (Colorimetric)
147	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition, 5520-B
148	CHEMICAL- WATER	Drinking Water	pH	APHA (23rd edn) 4500 - H+ B
149	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	APHA 23rd Edition, 4500 P C
150	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA (23rd edn) 4500 - Cl B
151	CHEMICAL- WATER	Drinking Water	Silica as SiO2	APHA 4500 SiO2 C (23rd Edn)
152	CHEMICAL- WATER	Drinking Water	Temperature	APHA 23rd Edition, 2550 B,
153	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 2320 B (23rd Edn)
154	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540C (23rd Edn)
155	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 2340 C (23rd Edn)
156	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 B (23rd Edn)
157	CHEMICAL- WATER	Drinking Water	Zinc as Zn	APHA (23rd edn) 3111 B, AAS Method
158	CHEMICAL- WATER	DrinkingWater	Sulphates	APHA 4500 SO4 E (23rd Edn)
159	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA 23rd edition 2340 C
160	CHEMICAL- WATER	Ground water/ Bore well water	Ammonical Nitrogen as N	APHA 4500 NH3 B, C (23rd Edn)
161	CHEMICAL- WATER	Ground water/ Bore well water	Bio chemical oxygen demand (3 days @27o C)	IS: 3025 (Part-44)
162	CHEMICAL- WATER	Ground water/ Bore well water	Boron as B	APHA (23rd edn) 4500 - B-B

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163	CHEMICAL- WATER	Ground water/Bore well	Sulphate as SO4-2	APHA (23rd edn) 4500 - SO4-2 E;
164	CHEMICAL- WATER	Ground water/Bore well water	Acidity as CaCO3	APHA (23rd edn) 2310 B
165	CHEMICAL- WATER	Ground water/Bore well water	Boron as B	APHA (23rd edn) 4500 - B-B
166	CHEMICAL- WATER	Ground water/Bore well water	Chemical oxygen demand	APHA (23rd edn) 5200 -B
167	CHEMICAL- WATER	Ground water/Bore well water	Chlorides as Cl-	APHA (23rd edn) 4500 - Cl-B
168	CHEMICAL- WATER	Ground water/Bore well water	Color	APHA (23rd edn) 2120 - C
169	CHEMICAL- WATER	Ground water/Bore well water	Conductivity @ 25oC	APHA (23rd edn) 2510 - B
170	CHEMICAL- WATER	Ground water/Bore well water	Dissolved oxygen	APHA (23rd edn) 4500O C
171	CHEMICAL- WATER	Ground water/Bore well water	Fluoride as F-	APHA (23rd edn) 4500 - F D
172	CHEMICAL- WATER	Ground water/Bore well water	Iron as Fe	APHA (23rd edn) 3500 - Fe B
173	CHEMICAL- WATER	Ground water/Bore well water	Magnesium as Mg	APHA (23rd edn) 3500 - Mg B;
174	CHEMICAL- WATER	Ground water/Bore well water	Nitrite	APHA 4500 NO2 B (23rd Edn)
175	CHEMICAL- WATER	Ground water/Bore well water	Oil & Grease	APHA (23rd edn) 5520 - B;
176	CHEMICAL- WATER	Ground water/Bore well water	pH @ 25oC	APHA (23rd edn) 4500 - H+ B
177	CHEMICAL- WATER	Ground water/Bore well water	Phosphorous	APHA (23rd edn) 4500 - P C;
178	CHEMICAL- WATER	Ground water/Bore well water	Residual Chlorine as Cl	APHA (23rd edn) 4500 -Cl B
179	CHEMICAL- WATER	Ground water/Bore well water	Silica as SiO2	APHA (23rd edn) 4500 - SiO2 C;
180	CHEMICAL- WATER	Ground water/Bore well water	Total alkalinity as CaCO3	APHA (23rd edn) 2320 B
181	CHEMICAL- WATER	Ground water/Bore well water	Total dissolved solids	APHA (23rd edn) 2540 C
182	CHEMICAL- WATER	Ground water/Borewell water	Turbidity	APHA (23rd edn) 2130 B
183	CHEMICAL- WATER	Surface water	Acidity as CaCO3	APHA (23rd edn) 2310 B
184	CHEMICAL- WATER	Surface water	Ammonical Nitrogen as N	APHA (23rd edn) 4500 - NH3 B, C
185	CHEMICAL- WATER	Surface water	Bio chemical oxygen demand (3 days @ 27oC)	IS: 3025(Part-44)
186	CHEMICAL- WATER	Surface water	Boron as B	APHA (23rd edn) 4500 - B-B
187	CHEMICAL- WATER	Surface water	Calcium as Ca	APHA (23rd edn) 3500 - Ca B
188	CHEMICAL- WATER	Surface water	Chemical oxygen demand	APHA (23rd edn) 5220- B;
189	CHEMICAL- WATER	Surface water	Chloride as Cl-	APHA (23rd edn) 4500 - Cl- B
190	CHEMICAL- WATER	Surface water	Colour	APHA (23rd edn) 2120 - C
191	CHEMICAL- WATER	Surface water	Conductivity @ 25oC	APHA (23rd edn) 2510 B

SCOPE OF ACCREDITATION

Laboratory Name :	GLOBAL ENVIRO LABS, #2-2-1075/14/A/1, TILAKNAGAR X ROAD, BAGH AMBERPET, HYDERABAD, TELANGANA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8304	**Page No**	10 of 11
Validity	05/05/2022 to 04/05/2024	**Last Amended on**	12/06/2023

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
192	CHEMICAL- WATER	Surface water	Dissolved oxygen	APHA (23rd edn) 4500 - O C
193	CHEMICAL- WATER	Surface water	Fluoride as F-	APHA (23rd edn) 4500 - F D
194	CHEMICAL- WATER	Surface water	Iron as Fe	APHA (23rd edn) 3500 - Fe B
195	CHEMICAL- WATER	Surface water	Magnesium as Mg	APHA (23rd edn) 3500 - Mg B
196	CHEMICAL- WATER	Surface water	Nitrite	APHA (23rd edn) 4500 - NO2 - B
197	CHEMICAL- WATER	Surface water	Oil & Grease	APHA (23rd edn) 5520 - B
198	CHEMICAL- WATER	Surface water	pH @ 25oC	APHA (23rd edn) 4500 - H+ B
199	CHEMICAL- WATER	Surface water	Phosphorous	APHA (23rd edn) 4500 - P C
200	CHEMICAL- WATER	Surface water	Residual Chlorine as Cl	APHA (23rd edn) 4500 - Cl B
201	CHEMICAL- WATER	Surface water	Silica a SiO2	APHA (23rd edn) 4500 - SiO2 C
202	CHEMICAL- WATER	Surface water	Sulphates as SO4-2	APHA (23rd edn) 4500 - SO4-2 E
203	CHEMICAL- WATER	Surface water	Temperature	APHA (23rd edn) 2500 B
204	CHEMICAL- WATER	Surface water	Total alkalinity as CaCO3	APHA (23rd edn) 2320 B
205	CHEMICAL- WATER	Surface water	Total dissolved solids @ 180oC	APHA (23rd edn) 2540 C
206	CHEMICAL- WATER	Surface water	Total hardness as CaCO3	APHA (23rd edn) 2340 C
207	CHEMICAL- WATER	Surface water	Turbidity	APHA (23rd edn) 2130 B
208	CHEMICAL- WATER	Water	Calcium as Ca	APHA 3500 Ca B (23rd Edn)
209	CHEMICAL- WATER	Water	Chloride as Cl-	APHA 4500 Cl B (23rd Edn)
210	CHEMICAL- WATER	Water	Color	APHA 2120 C (23rd Edn)
211	CHEMICAL- WATER	Water	Nitrite as NO2	APHA 4500- NO2 B (23rd Edn)
212	CHEMICAL- WATER	Water	Phenolphthalein Alkalinity as CaCO3	APHA 2320 B (23rd Edn)
213	CHEMICAL- WATER	Water	Potassium as K	APHA 3500 K B (23rd Edn)
214	CHEMICAL- WATER	Water	Sodium as Na	APHA 3500 Na B (23rd Edn)

National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GLOBAL ENVIRO LABS, #2-2-1075/14/A/1, TILAKNAGAR X ROAD, BAGH AMBERPET, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8304 **Page No** 11 of 11

Validity 05/05/2022 to 04/05/2024 **Last Amended on** 12/06/2023

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
Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameter	Wind direction	GEL/SOP/MM-01
2	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Ambient Temperature	GEL/SOP/MM-01
3	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Relative Humidity	GEL/SOP/MM-01
4	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Parameters	Wind Speed	GEL/SOP/MM-01
5	CHEMICAL- ATMOSPHERIC POLLUTION	Meteorological Paramters	Rain fall	GEL/SOP/MM-01