National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 1 of 7

Validity 01/03/2022 to 29/02/2024 **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	Ammonia	Method 401, Air Sampling and Analysis 3rd Edition
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxide of Nitrogen	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	Method 411, Air Sampling and Analysis, 3rd Edition
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 10)	IS 5182 (Part 4)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM 2.5)	IS 5182 (Part 24)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulfur Dioxide	IS 5182 (Part 2)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Noise level Monitoring	IS 9989
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
10	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide	IS 11255 (Part 2)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Total Particulate Matter	NIOSH 0500
12	CHEMICAL- POLLUTION & ENVIRONMENT	Industrial Water	Total Hardness	IS 3025 (Part 21)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Boron	Methods Manual, Soil Testing in India(Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India ,17B page no.115
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen	Methods Manual, Soil Testing in India(Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India, Page No.88
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Phosphorous	Methods Manual, Soil Testing in India(Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India, page no.95

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 2 of 7

Validity 01/03/2022 to 29/02/2024 **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
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Potassium	Methods Manual, Soil Testing in India(Dept of Agriculture and Cooperation, Ministry of Agri. Government of India, page No.99
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	IS 2720 (Part 14)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium Carbonate	IS 2720 (Part 23)
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity at 25°C	IS 14767
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Matter	IS 2720 (Part 22)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH at 25°C	IS 2720 (Part 26).Rev.2
23	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Sodium	Methods Manual, Soil Testing in India(Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India, page no.149
24	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Content	IS 2720 (Part 2)
25	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Water Holding Capacity	Methods Manual, Soil Testing in India(Dept. of Agriculture and Cooperation, Ministry of Agri. Government of India, page no.76
26	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Non Volatile Substances at 105°C	IS 10158
27	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	pH at 25°C	IS 10158
28	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Volatile Substances at 600°C	IS 10158
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidty	IS 3025 (PART 22)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 4500 NH3,C,23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 3 of 7

Validity 01/03/2022 to 29/02/2024 **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
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biological Oxygen Demand at 27 °C for 3 days	IS 3025 (Part 44)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand at 150°C	IS 3025 (Part 58)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chloride	APHA 4500 Cl- B,23rd Edition
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Electrical Conductivity at 25°C	APHA 2510,B,23rd Edition
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 2540, D,23rd Edition
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluoride	APHA 4500 F-D, 23rd Edition
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium	APHA 3500,Cr , B ,23rd Edition
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate as NO3	APHA 4500 NO3,B, 23 rd Edition
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 4500,NO2,B, 23rd Edition
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	IS 3025 (Part 39)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH at 25°C	APHA 4500 H+,B, 23rd Edition
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	APHA 4500-P, D, 23rd Edition
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium	APHA 3500-K, B,23rd Edition
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine	IS 3025 (Part 26)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 4500, SiO2, C, 23rd Edition
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium	APHA 3500-Na,B,23rd Edition
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulfide	APHA 4500,S2,E,23rd Edition
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphate	APHA IS 3025 (Part 24)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Alkalinity	IS 3025 (Part 23)

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 4 of 7

Validity 01/03/2022 to 29/02/2024 **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
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 2540,C,23rd Edition
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	APHA 4500 N-org, B/ 4500 N-NH3 C, 23rd Edition
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 2540,B, 23rd Edition
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 2540,D, 23rd Edition
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 2130,B,23rd Edition
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 2540,E,23rd Edition
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waster Water	Phenol	APHA 5530, C,23rd Edition APHA 5530 C,23rd Edition 22nd Edition
57	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 (Part 35)
58	CHEMICAL- WATER	Drinking Water	Ammonical Nitrogen as NH3	IS 3025 (Part 34)
59	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (Part 40)
60	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (Part 32)
61	CHEMICAL- WATER	Drinking Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
62	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (Part 60)
63	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium	APHA 3500,Cr, B, 23rd Edition
64	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 3500-Mg, B, 23rd Edition
65	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34)
66	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 (Part 5)
67	CHEMICAL- WATER	Drinking Water	pH at 25°C	APHA 4500, 23rd Edition
68	CHEMICAL- WATER	Drinking Water	Phenol	APHA 5530 C,23rd Edition
69	CHEMICAL- WATER	Drinking Water	Phosphate	IS 3025 (Part 31)
70	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 (Part 26)
71	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 (Part 24)
72	CHEMICAL- WATER	Drinking Water	Total Alkalinity	IS 3025 (Part 23)
73	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
74	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (Part 21)
75	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (Part 10)

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 5 of 7

Validity 01/03/2022 to 29/02/2024 **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
76	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	IS 3025 (Part 34)
77	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
78	CHEMICAL- WATER	Ground water	Chloride	IS 3025 (Part 32)
79	CHEMICAL- WATER	Ground water	Electrical Conductivity at 25°C	APHA 2510, B,23rd Edition
80	CHEMICAL- WATER	Ground Water	Magnesium	IS 3025 (Part 46)
81	CHEMICAL- WATER	Ground Water	Nitrate	APHA 4500 NO3, B , 23rd Edition
82	CHEMICAL- WATER	Ground Water	Nitrite	APHA 4500,NO2, B,23rd Edition
83	CHEMICAL- WATER	Ground Water	pH at 25°C	IS 3025 (Part 11)
84	CHEMICAL- WATER	Ground Water	Residual Chlorine	IS 3025 (Part 26)
85	CHEMICAL- WATER	Ground Water	Sulphate	APHA 4500 SO4,E, 23rd Edition
86	CHEMICAL- WATER	Ground Water	Total Alkalinity	IS 3025 (PART 23)
87	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	IS 3025 (Part 16)
88	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen	IS : 3025 (Part 34)
89	CHEMICAL- WATER	Industrial Water	Silica	IS 3025 (Part 35)
90	CHEMICAL- WATER	Industrial Water	Ammonical Nitrogen as NH3	IS 3025 (Part 34)
91	CHEMICAL- WATER	Industrial Water	Calcium	IS 3025 (Part 40)
92	CHEMICAL- WATER	Industrial Water	Chloride	IS 3025 (Part 32)
93	CHEMICAL- WATER	Industrial Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
94	CHEMICAL- WATER	Industrial Water	Fluoride	IS 3025 (Part 60)
95	CHEMICAL- WATER	Industrial Water	Hexavalent Chromium	APHA 3500 Cr, B, 23rd Edition
96	CHEMICAL- WATER	Industrial Water	Magnesium	APHA 3500 Mg, B, 23rd Edition
97	CHEMICAL- WATER	Industrial Water	Nitrate as NO3	IS 3025 (Part 34)
98	CHEMICAL- WATER	Industrial Water	odor	IS 3025 (Part 5)
99	CHEMICAL- WATER	Industrial Water	pH at 25°C	IS 3025 (Part 11)
100	CHEMICAL- WATER	Industrial Water	Phosphate	IS 3025 (Part 31)
101	CHEMICAL- WATER	Industrial Water	Residual Chlorine	IS 3025 (Part 26)
102	CHEMICAL- WATER	Industrial Water	Sulphate	IS 3025 (Part 24)
103	CHEMICAL- WATER	Industrial Water	Total Alkalinity	IS 3025 (Part 23)
104	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	IS 3025 (Part 16)
105	CHEMICAL- WATER	Industrial Water	Total Hardness	IS 3025 (Part 21)

SCOPE OF ACCREDITATION

Laboratory Name : GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10367 **Page No** 6 of 7

Validity 01/03/2022 to 29/02/2024 **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
106	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
107	CHEMICAL- WATER	Packaged Drinking Water	Chloride	IS 3025 (Part 32)
108	CHEMICAL- WATER	Packaged Drinking Water	Electrical Conductivity at 25°C	APHA 2510, B,23rd Edition
109	CHEMICAL- WATER	Packaged Drinking Water	Hexavalent chromium	APHA 3500,Cr, B, 23rd Edition
110	CHEMICAL- WATER	Packaged Drinking Water	Magnesium	IS 3025 (Part 46)
111	CHEMICAL- WATER	Packaged Drinking Water	Nitrate	APHA 4500,NO3, B,23rd Edition
112	CHEMICAL- WATER	Packaged Drinking Water	Nitrite	IS 3025 (Part 34) 1988
113	CHEMICAL- WATER	Packaged Drinking Water	Odor	IS 3025 (Part5)
114	CHEMICAL- WATER	Packaged Drinking Water	pH at 25°C	APHA 4500,H+, B,23rd Edition
115	CHEMICAL- WATER	Packaged Drinking Water	Sulphate	APHA 4500,SO4,E,23rd Edition
116	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity	IS 3025 (Part 23)
117	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA 2540,C, 23rd Edition
118	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness	IS 3025 (Part 21)
119	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 (Part 10)
120	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS 3025 (Part 34)
121	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand at 27°C for 3 days	IS 3025 (Part 44)
122	CHEMICAL- WATER	Surface Water	Calcium	IS 3025 (Part 40)
123	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand at 150°C	IS 3025 (Part 58)
124	CHEMICAL- WATER	Surface Water	Chloride	IS 3025 (Part 32)
125	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
126	CHEMICAL- WATER	Surface Water	Electrical Conductivity at 25°C	IS 3025 (Part 14)
127	CHEMICAL- WATER	Surface Water	Magnesium	IS 3025 (Part 46)
128	CHEMICAL- WATER	Surface Water	Nitrate	APHA 4500, NO3,B,23rd Edition
129	CHEMICAL- WATER	Surface Water	Nitrite	APHA 4500,NO2,B, 23rd Edition
130	CHEMICAL- WATER	Surface Water	pH at 25°C	IS 3025 (Part 11)
131	CHEMICAL- WATER	Surface Water	Residual Chlorine	IS 3025 (Part 26)
132	CHEMICAL- WATER	Surface Water	Sulphate	APHA 4500 SO4(Part E)
133	CHEMICAL- WATER	Surface Water	Total Alkalinity	IS 3025 (Part 23)
134	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	IS 3025 (Part 16)

SCOPE OF ACCREDITATION

Laboratory Name :	GREEN ENVIROSAFE ENGINEERS AND CONSULTANT PVT. LTD, A-7/2/C/11, CAPITAL CITY, TALAWADE-CHAKAN ROAD, CHAKAN MIDC, PH-IV, VILLAGE-NIGHOJE, TAL-KHED, PUNE, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-10367	**Page No**	7 of 7
Validity	01/03/2022 to 29/02/2024	**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
135	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)
136	CHEMICAL- WATER	Water for construction purpose	Acidity	IS 3025 (Part 22)
137	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (Part 32)
138	CHEMICAL- WATER	Water for construction purpose	Electrical Conductivity at 25°C	IS 3025 (Part 14)
139	CHEMICAL- WATER	Water for construction purpose	pH at 25°C	IS 3015 (Part II)
140	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 (Part 24)
141	CHEMICAL- WATER	Water for construction purpose	Total Alkalinity	IS 3025 (PART 23)
142	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solids	IS 3025 (Part 16)
143	CHEMICAL- WATER	Water for Swimming Pool	Chloride	APHA 4500,Cl,B,23rd Edition
144	CHEMICAL- WATER	Water for Swimming Pool	Electrical Conductivity at 25°C	APHA 2510,B, 23rd Edition
145	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part 5)
146	CHEMICAL- WATER	Water for Swimming Pool	pH at 25°C	APHA 4500H+, B, 23rd Edition
147	CHEMICAL- WATER	Water for Swimming Pool	Residual Chlorine	IS 3025 (Part 26)
148	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity	IS 3025 (Part 23)
149	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 2540, C,23rd Edition
150	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.