National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8113 **Page No** 1 of 7

Validity 04/01/2023 to 03/01/2025 **Last Amended on** 04/02/2023

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	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia	IS 5182 Part-25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Carbon monoxide	EIPL-SOP-14-Air Instrumental:
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen dioxide as NO2	IS 5182 Part 6
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 Part 9
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter PM 2.5	IS 5182 Part 24
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate matter PM10	IS 5182 part 23
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur dioxide	IS 5182 Part 2
8	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Ambient Temperature	EIPL-SOP-16
9	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Relative Humidity	EIPL-SOP-16
10	CHEMICAL- ATMOSPHERIC POLLUTION	Meterological Parameters	Wind Speed	EIPL-SOP-41
11	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels(DG Noise)	Noise Level	IS 4758
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon dioxide	IS 13270
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon monoxide	IS 13270
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Carbon monoxide	EIPL-SOP-44
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen	EIPL-SOP-44
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxygen	IS 13270
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter	IS 11255 P-1
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide	IS 11255 Part-2

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8113 **Page No** 2 of 7

Validity 04/01/2023 to 03/01/2025 **Last Amended on** 04/02/2023

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
19	CHEMICAL- ATMOSPHERIC POLLUTION	Wok Environment and Indoor Air Quality	Carbon dioxide	EIPL-SOP-13-Air Instrumental
20	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ammonia	NIOSH 6015
21	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Carbon monoxide	EIPL-SOP-14-Air Instrumental
22	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Humidity	EIPL-SOP-16
23	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Light	IS 3646 (Part 1)
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Nitrogen dioxide	NIOSH 6014
25	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Noise Level	IS 7194
26	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Oxygen	EIPL-SOP-20-Air Instrumental
27	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Ozone	Method of Air Sampling and Analysis-411 3rd Edition
28	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Sulphur dioxide	NIOSH 6004
29	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Temperature	EIPL-SOP-16
30	CHEMICAL- ATMOSPHERIC POLLUTION	Work Environment and Indoor Air Quality	Wind speed	EIPL-SOP-41
31	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediments	Manganese	US EPA 3050 B, APHA 23rd 3111 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Organic Carbon	S 2720 Part 22
33	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Soluble Sulphate	IS 2720 Part 27
34	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	pH	IS 2720 Part- 26
35	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Calcium	EIPL-SOP-36 –Soil Eff date 05-01-2022
36	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Magnesium	EIPL-SOP-36 –Soil Eff date 05-01-2022
37	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Available Phosphorous	EIPL-SOP-36 –Soil Eff date 02nd April

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8113	**Page No**	3 of 7
Validity	04/01/2023 to 03/01/2025	**Last Amended on**	04/02/2023

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
38	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Conductivity	IS 14767
39	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Moisture Content	IS 2720 Part 2
40	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS 2720 Part 22
41	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/sediments	Total Iron	US EPA 3050 B, APHA 23rd 3111 B
42	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Zinc	US EPA 3050 B, APHA 23rd 3111 B
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/ Solid/Semi- Solid)	Manganese	US EPA 3050 B, APHA 23rd 3111 B
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Cadmium	US EPA 3050 B, APHA 23rd 3111 B
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mercury	3112B APHA 23rd Edition
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/Sewage)	pH Value	4500 B : APHA 23rd Edition
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	IS 3025 Part 34
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand	IS 3025 Part 44
49	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron	4500-B B: APHA 23rd Edition
50	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cadmium	3111 A & B APHA 23rd Edition
51	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	IS 3025 Part 58
52	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Conductivity	2510 B: APHA 23rd Edition
53	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper	IS 3025 (Part 42)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Phosphate	IS 3025 Part 31
55	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride	4500-F-D: APHA 23rd Edition
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium	IS 3025 Part 52

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8113	**Page No**	4 of 7
Validity	04/01/2023 to 03/01/2025	**Last Amended on**	04/02/2023

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
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron	IS 3025 Part 53
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead	3111 A & B APHA 23rd Edition
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Manganese	IS 3025 Part 59
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel	3111 A & B APHA 23rd Edition
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate Nitrogen	IS 3025 Part 34
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	5520 B: APHA 23rd Edition
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phenolic Compound	IS 3025 Part 43
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium	3500 K-B: APHA 23rd Edition
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium	3500 Na-B: APHA 23rd Edition
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulfide	4500 SW 2- F: APHA 23rd Edition
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Chromium	3111 A & B APHA 23rd Edition
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	2540 C : APHA 23rd Edition
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldhal Nitrogen	IS 3025 Part 34
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	2540 D : APHA 23rd Edition
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Vanadium	3500 (B): APHA 23rd Edition
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc	3111 A & B APHA 23rd Edition
73	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chromium	US EPA 3050 B, APHA 23rd 3111 B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Copper	US EPA 3050 B, APHA 23rd 3111 B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Iron	US EPA 3050 B, APHA 23rd 3111 B

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8113 **Page No** 5 of 7

Validity 04/01/2023 to 03/01/2025 **Last Amended on** 04/02/2023

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
76	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Lead	US EPA 3050 B, APHA 23rd 3111 B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nickel	US EPA 3050 B, APHA 23rd 3111 B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Zinc	US EPA 3050 B, APHA 23rd 3111 B
79	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Aluminium	3500-Al(B).:APHA 23rd Edition
80	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Boron	4500-B B. APHA 23rd Edition
81	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Copper	IS 3025 Part 42
82	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Hexavalent Chromium	IS 3025 (Part 52)
83	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Iron	IS 3025 Part 53
84	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Lead	3111 A &B APHA 23rd Edition
85	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Manganese	IS 3025(Part 59)
86	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Mercury	3112B APHA 23rd Edition (Cold vapour AAS method)
87	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Total Chromium	IS 3025 (Part 52)
88	CHEMICAL- RESIDUES IN WATER	Drinking water, Industrial water, Borewell water, Surface water, Groundwater	Zinc	3111 A &B APHA 23rd Edition
89	CHEMICAL- WATER	Construction Water	Chloride	4500 B : APHA 23rd Edition
90	CHEMICAL- WATER	Construction Water	pH Value	4500 B : APHA 23rd Edition
91	CHEMICAL- WATER	Construction Water	Sulphate	4500-SO4 2-E :APHA 23rd Edition
92	CHEMICAL- WATER	Construction Water	Total Suspended Solids	2540 D: APHA 23rd Edition
93	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 Part 34
94	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 Part 40
95	CHEMICAL- WATER	Drinking Water	Chloride	4500 B: APHA 23rd Edition
96	CHEMICAL- WATER	Drinking Water	Colour	2120 C: APHA 23rd Edition
97	CHEMICAL- WATER	Drinking Water	Conductivity	2510 B: APHA 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name :	ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-8113	**Page No**	6 of 7
Validity	04/01/2023 to 03/01/2025	**Last Amended on**	04/02/2023

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
98	CHEMICAL- WATER	Drinking Water	Dissolved Solids	2540 C: APHA 23rd Edition
99	CHEMICAL- WATER	Drinking Water	Fluoride	4500-F-D: APHA 23rd Edition
100	CHEMICAL- WATER	Drinking water	Magnesium	3500 Mg : APHA 23rd Edition
101	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 (Part 34)
102	CHEMICAL- WATER	Drinking Water	pH Value	4500 B : APHA 23rd Edition
103	CHEMICAL- WATER	Drinking Water	Phenolic Compound	IS 3025 (Part 43)
104	CHEMICAL- WATER	Drinking Water	Sulphate	4500-SO4 2- E: APHA 23rd Edition
105	CHEMICAL- WATER	Drinking Water	Sulphide	4500 S2- F: APHA 23rd Edition
106	CHEMICAL- WATER	Drinking Water	Total Alkalinity	2320 B APHA 23rd Edition
107	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 Part 21
108	CHEMICAL- WATER	Drinking Water	Turbidity	IS : 3025 (Part 10)
109	CHEMICAL- WATER	Ground Water	Calcium	IS 3025 (Part 40)
110	CHEMICAL- WATER	Ground Water	Chloride	4500 B : APHA 23rd Edition
111	CHEMICAL- WATER	Ground Water	Colour	2120 C: APHA 23rd Edition
112	CHEMICAL- WATER	Ground Water	Conductivity	2510 B: APHA 23rd Edition
113	CHEMICAL- WATER	Ground Water	Dissolved Solids	2540 C : APHA 23rd Edition
114	CHEMICAL- WATER	Ground Water	Fluoride	4500-F-D: APHA 23rd Edition
115	CHEMICAL- WATER	Ground Water	Magnesium	3500 Mg : APHA 23rd Edition
116	CHEMICAL- WATER	Ground Water	Nitrate	IS 3025 (Part 34)
117	CHEMICAL- WATER	Ground Water	pH	4500 B : APHA 23rd Edition
118	CHEMICAL- WATER	Ground Water	Phenolic Compound	IS 3025 (Part 43)
119	CHEMICAL- WATER	Ground Water	Sulphate	4500-SO4 2-E: APHA 23rd Edition
120	CHEMICAL- WATER	Ground Water	Total Hardness	IS 3025 Part 21
121	CHEMICAL- WATER	Industrial Water	Calcium	IS 3025 Part 40
122	CHEMICAL- WATER	Industrial water	Chloride	4500 B : APHA 23rd Edition
123	CHEMICAL- WATER	Industrial Water	Colour	2120 C : APHA 23rd Edition
124	CHEMICAL- WATER	Industrial Water	Conductivity	2510 B : APHA 23rd Edition
125	CHEMICAL- WATER	Industrial Water	Fluoride	4500-F-D: APHA 23rd Edition
126	CHEMICAL- WATER	Industrial Water	Magnesium	3500 Mg : APHA 23rd Edition

SCOPE OF ACCREDITATION

Laboratory Name : ECO-CARE INSTRUMENTS PRIVATE LIMITED, 1ST & 3RD FLOOR, RZE-2A, MAHAVIR ENCLAVE, NEW DELHI, DELHI, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-8113 **Page No** 7 of 7

Validity 04/01/2023 to 03/01/2025 **Last Amended on** 04/02/2023

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
127	CHEMICAL- WATER	Industrial Water	Nitrate	IS 3025 (Part 34)
128	CHEMICAL- WATER	Industrial Water	pH Value	4500 B : APHA 23rd Edition
129	CHEMICAL- WATER	Industrial Water	Phenolic Compound	IS 3025 (Part 43)
130	CHEMICAL- WATER	Industrial Water	Potassium	3500 K-B: APHA 23rd Edition
131	CHEMICAL- WATER	Industrial Water	Sodium	3500 Na-B : APHA 23rd Edition
132	CHEMICAL- WATER	Industrial Water	Sulphate	4500-SO4 2- E:APHA 23rd Edition
133	CHEMICAL- WATER	Industrial water	Total Hardness	IS 3025 Part 21
134	CHEMICAL- WATER	Industrial Water	Total Solids	2540 B APHA 23rd Edition
135	CHEMICAL- WATER	Industrial Water	Turbidity	IS 3025 (Part 10)
136	CHEMICAL- WATER	Irrigation Water	Calcium	IS 3025 Part 40
137	CHEMICAL- WATER	Irrigation Water	Magnesium	3500 Mg :APHA 23rd Edition
138	CHEMICAL- WATER	Irrigation Water	pH Value	4500 B: APHA 23rd Edition
139	CHEMICAL- WATER	Irrigation Water	Potassium	3500 K-B: APHA 23rd Edition
140	CHEMICAL- WATER	Irrigation Water	Sodium	3500 Na-B: APHA 23rd Edition
141	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	IS 3025 Part 44
142	CHEMICAL- WATER	Water for construction purpose	Acidity (Volume of 0.02 N NaOH required to neutralize 100ml sample of water using phenolphthalein indicator)	IS 3025 Part 22
143	CHEMICAL- WATER	Water for construction purpose	Alkalinity (Volume of 0.02 N H2SO4 required to neutralize 100ml sample of water using mixed indicator)	IS 3025 Part 23
144	CHEMICAL- WATER	Water for construction purpose	Volatile Solids	IS 3025 Part 18