National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 1 of 7

Validity 15/07/2022 to 14/07/2024 **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 as NH3	ISC 401(3rd Edition)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen dioxide	IS 5182 (Part 6)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone as o3	ISC 411 (3rd Edition)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5	EPA CFR- 40(pt 50)Appendix-1
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM10	IS 5182 (Part 23)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	SPM	IS 5182 (Part 4)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Di-Oxides(SO2)	IS 5182 (Part-2)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Total Fluoride	IS 5182(Part-13)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise(Leq,Lmax, Lmin etc.)	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise	Noise Source Measurement	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Carbon dioxide	IS 13270
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Carbon monoxide	IS 13270
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Gases	Oxide Of Nitrogen (NOx)	IS 11255(Part-7)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack gases	Oxygen	IS 13270
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack gases	Particulate Matter	IS 11255(Part-1)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack gases	Sulphur-dioxide	IS 11255(Part-2)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen	IS 3025 (part-34)
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Acidity	IS 3025(Part-22)

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 2 of 7

Validity 15/07/2022 to 14/07/2024 **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
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Alkalinity	APHA 2320 B
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Ammoniacal Nitrogen	IS 3025(Part-34)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Arsenic	IS 3025(Part-37)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium	APHA 3500-Ca-B
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand (COD)	APHA 5220 B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chloride	APHA 4500-Cl-B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium Hexavalent	IS 3025(Part -52)
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chromium Total	IS 3025(Part-52)
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Colour	APHA 2120 B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Colour	APHA 2120 C
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen	IS 3025 (Part-38)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Solids	APHA 2540 C
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Electrical Conductivity	APHA 2510 B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluoride	APHA 4500 F-B & D
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Hardness Total (CaCo3)	APHA 2340 C
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron	APHA 3500 Fe B
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Magnesium	APHA 3500 Mg-B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate Nitrogen	APHA 4500 NO3-E
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate Nitrogen	APHA 4500 NO3-E

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 3 of 7

Validity 15/07/2022 to 14/07/2024 **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
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 5520 B
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	APHA 4500 H+ B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as P	APHA 4500 P D
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Settleable Solids	APHA 2540 F
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica	APHA 4500 SiO2 C
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate	APHA 4500 SO4 E
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphate	IS 3025(Part-24)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Solids	APHA 2540 B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 2540 D
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 2130 B
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waster Water	BOD(3 days at 27°C)	IS 3025(Part-44)
49	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic as As	IS 3025 (Part -37)
50	CHEMICAL- RESIDUES IN WATER	Drinking Water	Fluoride as F	APHA 4500 F-B & D
51	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	APHA 3500 Fe B
52	CHEMICAL- RESIDUES IN WATER	Ground water	Arsenic as As	IS 3025 (Part 37)
53	CHEMICAL- RESIDUES IN WATER	Ground water	Iron As Fe	APHA 3500 Fe B
54	CHEMICAL- RESIDUES IN WATER	Surface Water	Arsenic as As	IS 3025 (Part 37)
55	CHEMICAL- RESIDUES IN WATER	Surface Water	Iron as Fe	APHA 3500 Fe B
56	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025(Part-22)
57	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA 2320 B

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 4 of 7

Validity 15/07/2022 to 14/07/2024 **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
58	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen	IS 3025 (Part-34)
59	CHEMICAL- WATER	Drinking Water	Biological Oxygen Demand (BOD) (3 day at 27°C)	IS 3025 (Part- 44)
60	CHEMICAL- WATER	Drinking Water	Calcium	APHA 3500-Ca-B
61	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand (COD)	APHA 5220 B
62	CHEMICAL- WATER	Drinking Water	Chloride	APHA 4500-Cl-B
63	CHEMICAL- WATER	Drinking Water	Chromium Hexavalent	IS 3025 (Part-52)
64	CHEMICAL- WATER	Drinking Water	Chromium Total	IS 3025(Part-52)
65	CHEMICAL- WATER	Drinking Water	Colour	APHA 2120 B
66	CHEMICAL- WATER	Drinking Water	Colour	APHA 2120 C
67	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	IS 3025(Part- 38)
68	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA 2510 B
69	CHEMICAL- WATER	Drinking Water	Hardness Total (as CaCO3)	APHA 2340 C
70	CHEMICAL- WATER	Drinking Water	Magnesium	APHA 3500 Mg B
71	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA 4500 NO3 B
72	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA 4500 NO3 E
73	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen	APHA 4500 NO2 B
74	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 5520 B
75	CHEMICAL- WATER	Drinking Water	pH	APHA 4500 H+ B
76	CHEMICAL- WATER	Drinking Water	Phosphate as P	APHA 4500 P D
77	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (Part-26)
78	CHEMICAL- WATER	Drinking Water	Settleable Solids	APHA 2540 F
79	CHEMICAL- WATER	Drinking Water	Silica	APHA 4500 SiO2 C
80	CHEMICAL- WATER	Drinking Water	Sulphate	APHA 4500 SO4 E
81	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025(Part-24)
82	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 2540 C
83	CHEMICAL- WATER	Drinking Water	Total Kjealdahl Nitrogen	IS 3025(Part-34)
84	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 2540 B
85	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 2540 D
86	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 2130 B

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 5 of 7

Validity 15/07/2022 to 14/07/2024 **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
87	CHEMICAL- WATER	Ground Water	Acidity	IS 3025(Part 22)
88	CHEMICAL- WATER	Ground Water	Alkalinity	APHA 2320 B
89	CHEMICAL- WATER	Ground water	Ammoniacal Nitrogen	IS 3025 (Part 34)
90	CHEMICAL- WATER	Ground Water	Biological Oxygen Demand (BOD) (3 days at 27°C)	IS 3025 (Part 44)
91	CHEMICAL- WATER	Ground Water	Calcium	APHA 3500 Ca B
92	CHEMICAL- WATER	Ground water	Chemical Oxygen Demand (COD)	APHA 5220 B
93	CHEMICAL- WATER	Ground water	Chloride	APHA 4500 Cl B
94	CHEMICAL- WATER	Ground water	Chlorine Residual	IS 3025 (Part 26)
95	CHEMICAL- WATER	Ground water	Chromium Hexavalent	IS 3025 (Part 52)
96	CHEMICAL- WATER	Ground water	Chromium Total	IS 3025 (Part 52)
97	CHEMICAL- WATER	Ground water	Colour	APHA 2120 B
98	CHEMICAL- WATER	Ground water	Colour	APHA 2120 C
99	CHEMICAL- WATER	Ground water	Dissolved Oxygen	IS 3025 (Part 38)
100	CHEMICAL- WATER	Ground water	Dissolved Solids	APHA 2540 C
101	CHEMICAL- WATER	Ground water	Electricity Conductivity	APHA 2510 B
102	CHEMICAL- WATER	Ground water	Fluoride	APHA 4500 F B & D
103	CHEMICAL- WATER	Ground water	Hardness Total (as CaCO3)	APHA 2340 C
104	CHEMICAL- WATER	Ground water	Magnesium	APHA 3500 Mg B
105	CHEMICAL- WATER	Ground water	Nitrate Nitrogen	APHA 4500 NO3 B
106	CHEMICAL- WATER	Ground water	Nitrate Nitrogen	APHA 4500 NO3 E
107	CHEMICAL- WATER	Ground water	Nitrite Nitrogen	APHA 4500 NO2 B
108	CHEMICAL- WATER	Ground water	Oil & Grease	APHA 5520 B
109	CHEMICAL- WATER	Ground water	pH	APHA 4500 H+ B
110	CHEMICAL- WATER	Ground water	Phosphate As P	APHA 4500 P D
111	CHEMICAL- WATER	Ground water	settleable Solids	APHA 2540 F
112	CHEMICAL- WATER	Ground water	Silica	APHA 4500 SIO2 C
113	CHEMICAL- WATER	Ground water	Sulphate	APHA 4500 SO4 E
114	CHEMICAL- WATER	Ground water	Sulphate	IS 3025 (Part 24)
115	CHEMICAL- WATER	Ground water	Total Kjeldahl Nitrogen	IS 3025 (Part 34)

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 6 of 7

Validity 15/07/2022 to 14/07/2024 **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
116	CHEMICAL- WATER	Ground water	Total Solids	APHA 2540 B
117	CHEMICAL- WATER	Ground water	Total Suspended Solids	APHA 2540 D
118	CHEMICAL- WATER	Ground water	Turbidity	APHA 2130 B
119	CHEMICAL- WATER	Surface Water	Acidity	IS 3025 (Part 22)
120	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 2320 B
121	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	IS 3025 (Part34)
122	CHEMICAL- WATER	Surface Water	Biological Oxygen Demand (BOD) (3 day at 27°C)	IS 3025 (Part 44)
123	CHEMICAL- WATER	Surface Water	Calcium	APHA 3500 Ca B
124	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	APHA 5220 B
125	CHEMICAL- WATER	Surface Water	Chloride	APHA 4500 Cl B
126	CHEMICAL- WATER	Surface Water	Chlorine Residual	IS 3025 (Part 26)
127	CHEMICAL- WATER	Surface Water	Chromium Hexavalent	IS 3025(Part 52)
128	CHEMICAL- WATER	Surface Water	Chromium Total	IS 3025 (Part 52)
129	CHEMICAL- WATER	Surface Water	Colour	APHA 2120 B
130	CHEMICAL- WATER	Surface Water	Colour	APHA 2120 C
131	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	IS 3025 (Part 38)
132	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA 2510 B
133	CHEMICAL- WATER	Surface Water	Fluoride	APHA 4500 F B & D
134	CHEMICAL- WATER	Surface Water	Hardness Total (CaCo3)	APHA 2340 C
135	CHEMICAL- WATER	Surface Water	Magnesium	APHA 3500 Mg B
136	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	APHA 4500 NO3 B
137	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	APHA 4500 NO3 E
138	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen	APHA 4500 NO2 B
139	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 5520 B
140	CHEMICAL- WATER	Surface Water	pH	APHA 4500 H+ B
141	CHEMICAL- WATER	Surface Water	Phosphate as P	APHA 4500 P D
142	CHEMICAL- WATER	Surface Water	settleable Solids	APHA 2540 F
143	CHEMICAL- WATER	Surface Water	Silica	APHA 4500 SiO2 C
144	CHEMICAL- WATER	Surface Water	Sulphate	IS 3025 (Part 24)

SCOPE OF ACCREDITATION

Laboratory Name : ECO CARE, MANOJ TALKIES (BASEMENT FLOOR), ASANSOL, PASCHIM BARDHAMAN, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5109 **Page No** 7 of 7

Validity 15/07/2022 to 14/07/2024 **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
145	CHEMICAL- WATER	Surface Water	Sulphate	APHA 4500 SO4 E
146	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 2540 C
147	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	IS 3025 (part 34)
148	CHEMICAL- WATER	Surface Water	Total Solids	APHA 2540 B
149	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 2540 D
150	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130 B