National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 1 of 10

Validity 19/08/2021 to 20/05/2023 **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	Ambient Air	Ammonia(NH3)	Indophenol method (Method 401, Air Sampling and Analysis, 3rd Edition), Lewis publishers Inc
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	SOP No.26 Issue No. 01 June 22
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Asbestos Fiber	IS 11450
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Chlorine	IS 5182 (Part-19)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part-22)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen(NOx)	IS 5182 (Part-6)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone	IS 5182 (Part-9)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part-23)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM2.5)	SOP No A-15 Issue No.1 July 26
10	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS 5182 (Part-2)
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter (SPM)	IS 5182 (Part-4)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Total Fluoride	IS 5182 (Part-13)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Amnient Air	Nickel (Ni)	SOP No. 11 Issue No.01 June 22
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Dioxide (CO2)	IS 13270
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide (CO)	IS 13270
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxide of Sulphur (SOx)	IS 11255 (Part-2)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen (NOx)	IS 11255 (Part-7)

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 2 of 10

Validity 19/08/2021 to 20/05/2023 **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
18	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen (O2)	IS 13270
19	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part-1)
20	CHEMICAL- ORES & MINERALS	Iron Ore	Alumina as Al2O3	IS 1493 (Part-1)
21	CHEMICAL- ORES & MINERALS	Iron Ore	Iron as Fe	IS 1493 (Part-1)
22	CHEMICAL- ORES & MINERALS	Iron Ore	Manganese as Mn	IS 1493
23	CHEMICAL- ORES & MINERALS	Iron Ore	Moisture	IS 1493 (Part-1)
24	CHEMICAL- ORES & MINERALS	Iron Ore	Phosphorous as P	IS 1493 (Part-1)
25	CHEMICAL- ORES & MINERALS	Iron Ore	Silica as SiO2	IS 1493 (Part-1)
26	CHEMICAL- ORES & MINERALS	Iron Ore	Sulphur as S	IS 1493 (Part-1)
27	CHEMICAL- ORES & MINERALS	Lime Stone	Aluminum Oxide (Al2O3)	IS 1760 (Part-3)
28	CHEMICAL- ORES & MINERALS	Lime Stone	Calcium Oxide (CaO)	IS:1760 (Part-3)
29	CHEMICAL- ORES & MINERALS	Lime Stone	Iron oxide (Fe2O3)	IS 1760 (Part-3)
30	CHEMICAL- ORES & MINERALS	Lime Stone	Loss on Ignition	IS 1760 (Part-1)
31	CHEMICAL- ORES & MINERALS	Lime Stone	Magnesium oxide (MgO)	IS 1760 (Part-3)
32	CHEMICAL- ORES & MINERALS	Lime Stone	Silica (SiO2)	IS 1760 (Part-2)
33	CHEMICAL- SOIL AND ROCK	Soil	Acid Insoluble Ash Content	SOP No:S-22 Issue No.1, July 26: 2016
34	CHEMICAL- SOIL AND ROCK	Soil	Ash Content	SOP No:S-21 Issue No.1, July 26: 2016
35	CHEMICAL- SOIL AND ROCK	Soil	Available Phosphate	SOP No:S-07 Issue No.1, July 26: 2016
36	CHEMICAL- SOIL AND ROCK	Soil	Available Potassium	SOP No:S-19 Issue No.1, July 26: 2016

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 3 of 10

Validity 19/08/2021 to 20/05/2023 **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
37	CHEMICAL- SOIL AND ROCK	Soil	Boron	SOP No:S-25 Issue No.1, July26: 2016
38	CHEMICAL- SOIL AND ROCK	Soil	Bulk Density	SOP No. S-09 issue no. 01 July 26: 2016
39	CHEMICAL- SOIL AND ROCK	Soil	Cadmium	SOP No:S-35 Issue No.1, July 26: 2016
40	CHEMICAL- SOIL AND ROCK	Soil	Calcium	SOP No:S-26 Issue No.1, July 26: 2016
41	CHEMICAL- SOIL AND ROCK	Soil	Chloride	SOP No:S-36 Issue No.1, July 26: 2016
42	CHEMICAL- SOIL AND ROCK	Soil	Copper	SOP No:S-31 Issue No.1, July 26: 2016
43	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	IS 14267
44	CHEMICAL- SOIL AND ROCK	Soil	Iron	SOP No:S-33 Issue No.1, July 26: 2016
45	CHEMICAL- SOIL AND ROCK	Soil	Magnesium	SOP No:S-27 Issue No.1, July 26: 2016
46	CHEMICAL- SOIL AND ROCK	Soil	Moisture Content	IS 2720 (part-2)
47	CHEMICAL- SOIL AND ROCK	Soil	Nickel	SOP No:S-34 Issue No.1, July 26: 2016
48	CHEMICAL- SOIL AND ROCK	Soil	Organic Carbon	IS 2720 (Part-22)
49	CHEMICAL- SOIL AND ROCK	Soil	pH	IS 2720 Part-26
50	CHEMICAL- SOIL AND ROCK	Soil	Sodium	SOP No:S-11 Issue No.1, July 26: 2016
51	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	SOP No:S-13 Issue No.1, July 26: 2016
52	CHEMICAL- SOIL AND ROCK	Soil	Zinc	SOP No:S-32 Issue No.1, July 26: 2016
53	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 (Part-1)
54	CHEMICAL- SOLID FUELS	Coal	Gross Calorific value	IS 1350 (Part-II)
55	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350 (Part-1)
56	CHEMICAL- SOLID FUELS	Coal	Total Ash	IS 1350 (Part-1)
57	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350 (Part-1)

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 4 of 10

Validity 19/08/2021 to 20/05/2023 **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
58	CHEMICAL- WATER	Drinking Water	Acidity	APHA, 23rd Ed. 2310 A+B: 2017
59	CHEMICAL- WATER	Drinking Water	Alkalinity	APHA, 23rd Ed. 2320 A+ B: 2017
60	CHEMICAL- WATER	Drinking Water	Arsenic	APHA, 23rd Ed. 3114 C : 2017
61	CHEMICAL- WATER	Drinking Water	Calcium	APHA, 23rd Ed. 3500 Ca A+B : 2017
62	CHEMICAL- WATER	Drinking Water	Chloride	APHA, 23rd Ed. 4500 Cl A+B: 2017
63	CHEMICAL- WATER	Drinking Water	Colour	APHA, 23rd Ed.2120 B: 2017
64	CHEMICAL- WATER	Drinking Water	Conductivity	APHA, 23rd Ed. 2510-A + B: 2017
65	CHEMICAL- WATER	Drinking Water	Copper	APHA, 23rd Ed. 3111 A+B: 2017
66	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA, 23rd Ed. 4500 A+C : 2017
67	CHEMICAL- WATER	Drinking Water	Fixed Volatile Solids	APHA, 23rd Ed.2540 E: 2017
68	CHEMICAL- WATER	Drinking Water	Fluoride	APHA, 23rd Ed. 4500-C: 2017
69	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	APHA, 23rd Ed.4500-Cl B: 2017
70	CHEMICAL- WATER	Drinking Water	Iron	APHA, 23rd Ed.3500 Fe B: 2017
71	CHEMICAL- WATER	Drinking Water	Magnesium	APHA, 23rd Ed. 3500 Mg A+B: 2017
72	CHEMICAL- WATER	Drinking Water	Manganese	APHA, 23rd Ed. 3111 A+B: 2017
73	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen	APHA, 23rd Ed. 4500-NO3-B: 2017
74	CHEMICAL- WATER	Drinking Water	Odour	Odour APHA, 23rd Ed. 2150 B : 2017
75	CHEMICAL- WATER	Drinking Water	pH	APHA, 23rd Ed. 4500H+A+B: 2017
76	CHEMICAL- WATER	Drinking Water	Phenolic Compound	APHA, 23rd Ed.5530 A+C: 2017
77	CHEMICAL- WATER	Drinking Water	Phosphate	APHA, 23rd Ed. 4500-PD : 2017
78	CHEMICAL- WATER	Drinking Water	Potassium	APHA, 23rd Ed. 3500 K, A+B: 2017
79	CHEMICAL- WATER	Drinking Water	Sodium	APHA, 23rd Ed. 3500 Na, A+B: 2017

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 5 of 10

Validity 19/08/2021 to 20/05/2023 **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
80	CHEMICAL- WATER	Drinking Water	Sulphate	APHA, 23rd Ed. 4500-SO42- E: 2017
81	CHEMICAL- WATER	Drinking Water	Sulphide	APHA, 23rd Ed. 4500 S2- F: 2017
82	CHEMICAL- WATER	Drinking Water	Temperature	APHA, 23rd Ed.2550 A+B: 2017
83	CHEMICAL- WATER	Drinking Water	Total Chromium	APHA, 23rd Ed. 3111 A+B: 2017
84	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA, 23rd Ed. 2540-C: 2017
85	CHEMICAL- WATER	Drinking Water	Total Hardness	APHA, 23rd Ed.2340 A+C : 2017
86	CHEMICAL- WATER	Drinking Water	Total Kjeldahl Nitrogen	APHA, 23rd Ed. 4500 Norg A+C: 2017
87	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Ed. 2540-B: 2017
88	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA, 23rd Ed. 2540-D: 2017
89	CHEMICAL- WATER	Drinking Water	Turbidity	APHA, 23rd Ed.2130-A+B: 2017
90	CHEMICAL- WATER	Drinking Water	Zinc	APHA, 23rd Ed. 3111 A+B: 2017
91	CHEMICAL- WATER	Ground Water	Acidity	APHA, 23rd Ed. 2310 A+B: 2017
92	CHEMICAL- WATER	Ground Water	Alkalinity	APHA, 23rd Ed. 2320 A+ B: 2017
93	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen	APHA, 23rd Ed. 4500 NH3 A+F: 2017
94	CHEMICAL- WATER	Ground Water	Arsenic	APHA, 23rd Ed. 3114 C : 2017
95	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand	APHA, 23rd Ed. 5210 A+B: 2017
96	CHEMICAL- WATER	Ground Water	Calcium	APHA, 23rd Ed.3500 Ca A+B : 2017
97	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA, 23rd Ed. 5220 A+C: 2017
98	CHEMICAL- WATER	Ground Water	Chloride	APHA, 23rd Ed. 4500 Cl A+B: 2017
99	CHEMICAL- WATER	Ground Water	Colour	APHA, 23rd Ed.2120 B: 2017
100	CHEMICAL- WATER	Ground Water	Conductivity	APHA, 23rd Ed. 2510-A + B: 2017

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 6 of 10

Validity 19/08/2021 to 20/05/2023 **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
101	CHEMICAL- WATER	Ground Water	Copper	APHA, 23rd Ed. 3111 A+B: 2017
102	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA, 23rd Ed. 4500 A+C : 2017
103	CHEMICAL- WATER	Ground Water	Fixed Volatile Solids	APHA, 23rd Ed. 2540E: 2017
104	CHEMICAL- WATER	Ground Water	Fluoride	APHA, 23rd Ed. 4500-C: 2017
105	CHEMICAL- WATER	Ground Water	Free Residual Chlorine	APHA, 23rd Ed. 4500-Cl B: 2017
106	CHEMICAL- WATER	Ground Water	Iron	APHA, 23rd Ed. 3500 Fe B: 2017
107	CHEMICAL- WATER	Ground Water	Magnesium	APHA, 23rd Ed. 3500 Mg A+B: 2017
108	CHEMICAL- WATER	Ground Water	Manganese	APHA, 23rd Ed.3111 A+B: 2017
109	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen	APHA, 23rd Ed. 4500-NO3 2- E: 2017
110	CHEMICAL- WATER	Ground Water	Odour	APHA, 23rd Ed.2150 B : 2017
111	CHEMICAL- WATER	Ground Water	pH	APHA, 23rd Ed. 4500H+A+B: 2017
112	CHEMICAL- WATER	Ground Water	Phenolic Compound	APHA, 23rd Ed. 5530 A+C: 2017
113	CHEMICAL- WATER	Ground Water	Phosphate	APHA, 23rd Ed. 4500-PD : 2017
114	CHEMICAL- WATER	Ground Water	Potassium	APHA, 23rd Ed. 3500 K, A+B: 2017
115	CHEMICAL- WATER	Ground Water	Sodium	APHA, 23rd Ed. 3500 Na, A+B: 2017
116	CHEMICAL- WATER	Ground Water	Sulphate	APHA, 23rd Ed. 4500-SO42- E: 2017
117	CHEMICAL- WATER	Ground Water	Sulphide	APHA,23rd Ed. 4500 S2- F 2017
118	CHEMICAL- WATER	Ground Water	Temperature	APHA, 23rd Ed. 2550 A+B: 2017
119	CHEMICAL- WATER	Ground Water	Total Chromium	APHA, 23rd Ed. 3111 A+B: 2017
120	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA, 23rd Ed. 2540-C: 2017
121	CHEMICAL- WATER	Ground Water	Total Hardness	APHA, 23rd Ed. 2340 A+C : 2017

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 7 of 10

Validity 19/08/2021 to 20/05/2023 **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
122	CHEMICAL- WATER	Ground Water	Total Kjeldahl Nitrogen	APHA, 23rd Ed. 4500 NorgA+C: 2017
123	CHEMICAL- WATER	Ground Water	Total Solids	APHA23rd Ed.2540- B: 2017
124	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA, 23rd Ed. 2540-D: 2017
125	CHEMICAL- WATER	Ground Water	Turbidity	APHA, 23rd Ed. 2130-A+B: 2017
126	CHEMICAL- WATER	Ground Water	Zinc	APHA, 23rd Ed. 3111 A+B: 2017
127	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 23rd Ed 2320 A+B: 2017
128	CHEMICAL- WATER	Surface Water	Alkalinity	APHA 23rd Ed 2320 A+B: 2017
129	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen	APHA, 23rd Ed. 4500 NH3 A+F: 2017
130	CHEMICAL- WATER	Surface Water	Arsenic	APHA 23rd Ed 3114 C : 2017
131	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand	APHA, 23rd Ed. 5210 A+B: 2017
132	CHEMICAL- WATER	Surface Water	Calcium	APHA 23rd Ed 3500 Ca A+B : 2017
133	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA, 23rd Ed.5220 A+C: 2017
134	CHEMICAL- WATER	Surface Water	Chloride	APHA 23rd Ed 4500 Cl A+B: 2017
135	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Ed 2120 B: 2017
136	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd 2510 A+B: 2017
137	CHEMICAL- WATER	Surface Water	Copper	APHA 23rd Ed 3111 A+B: 2017
138	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Ed 4500 A+C: 2017
139	CHEMICAL- WATER	Surface Water	Fixed Volatile Solids	APHA 23rd Ed 2540 E: 2017
140	CHEMICAL- WATER	Surface Water	Fluoride	APHA 23rd Ed 4500 C: 2017
141	CHEMICAL- WATER	Surface Water	Free Residual Chlorine	APHA, 23rd Ed 4500-Cl B: 2017
142	CHEMICAL- WATER	Surface Water	Iron	APHA 23rd Ed3500 B: 2017
143	CHEMICAL- WATER	Surface Water	Magnesium	APHA 23rd Ed 3500 Mg A+B: 2017
144	CHEMICAL- WATER	Surface Water	Manganese	APHA, 23rd Ed. 3111 A+B: 2017
145	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen	APHA 23rd Ed 4500 NO3 B: 2017

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 8 of 10

Validity 19/08/2021 to 20/05/2023 **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
146	CHEMICAL- WATER	Surface Water	Odour	APHA 23rd Ed 2150 B: 2017
147	CHEMICAL- WATER	Surface Water	Phenolic Compound	APHA 23rd Ed 5530 A+C: 2017
148	CHEMICAL- WATER	Surface Water	Phosphate	APHA 23rd Ed 4500 PD : 2017
149	CHEMICAL- WATER	Surface Water	Potassium	APHA 23rd Ed 3500 K A+B: 2017
150	CHEMICAL- WATER	Surface Water	Sodium	APHA 23rd Ed 3500 Na A+B: 2017
151	CHEMICAL- WATER	Surface Water	Sulphate	APHA 23rd Ed 4500- SO4 E: 2017
152	CHEMICAL- WATER	Surface Water	Sulphide	APHA 23rd Ed 4500 F: 2017
153	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd 2550 A+B: 2017
154	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd 2550 A+B: 2017
155	CHEMICAL- WATER	Surface Water	Total Chromium	APHA 23rd Ed 3111 A+B: 2017
156	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Ed 2540C: 2017
157	CHEMICAL- WATER	Surface Water	Total Hardness	APHA 23rd Ed 2340 A+C : 2017
158	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen	APHA 23rd Ed 4500 A+C: 2017
159	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Ed 2540B: 2017
160	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Ed 2540 D: 2017
161	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd 2130 A+B: 2017
162	CHEMICAL- WATER	Surface Water	Zinc	APHA, 23rd Ed. 3111 A+B: 2017
163	CHEMICAL- WATER	Surfce Water	Acidity	APHA 23rd Ed 2310 A+B: 2017
164	CHEMICAL- WATER	Waste Water	Acidity	APHA, 23rd Ed. 2310 A+B: 2017
165	CHEMICAL- WATER	Waste Water	Alkalinity	APHA, 23rd Ed.2320 A+ B: 2017
166	CHEMICAL- WATER	Waste Water	Aluminium	APHA, 23rd Ed. 3500AlA+B: 2017
167	CHEMICAL- WATER	Waste Water	Ammonical Nitrogen	APHA, 23rd Ed. 4500 NH3 A+F: 2017
168	CHEMICAL- WATER	Waste Water	Arsenic	APHA, 23rd Ed. 3114 C : 2017
169	CHEMICAL- WATER	Waste Water	Biochemical Oxygen Demand	APHA, 23rd Ed. 5210 A+B: 2017

SCOPE OF ACCREDITATION

Laboratory Name : ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9539 **Page No** 9 of 10

Validity 19/08/2021 to 20/05/2023 **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
170	CHEMICAL- WATER	Waste Water	Calcium	APHA, 23rd Ed. 3500 Ca A+B: 2017
171	CHEMICAL- WATER	Waste Water	Chemical OxygenDemand	APHA, 23rd Ed. 5220 A+C: 2017
172	CHEMICAL- WATER	Waste Water	Chloride	APHA, 23rd Ed. 4500 Cl A+B: 2017
173	CHEMICAL- WATER	Waste Water	Chromium (Hexavalent)	APHA, 23rd Ed. 3111A+B: 2017
174	CHEMICAL- WATER	Waste Water	Conductivity	APHA, 23rd Ed. 2510-A + B,: 2017
175	CHEMICAL- WATER	Waste Water	Copper	APHA, 23rd Ed. 3111 A+B: 2017
176	CHEMICAL- WATER	Waste Water	Dissolved Oxygen	APHA, 23rd Ed. 4500 A+C: 2017
177	CHEMICAL- WATER	Waste Water	Fixed Volatile Solids	APHA, 23rd Ed.2540E: 2017
178	CHEMICAL- WATER	Waste Water	Fluoride	APHA, 23rd Ed. 4500-C: 2017
179	CHEMICAL- WATER	Waste Water	Free Residual Chlorine	APHA, 23rd Ed. 4500-Cl B: 2017
180	CHEMICAL- WATER	Waste Water	Iron	APHA, 23rd Ed. 3500 Fe B : 2017
181	CHEMICAL- WATER	Waste Water	Magnesium	APHA, 23rd Ed. 3500 Mg A+B: 2017
182	CHEMICAL- WATER	Waste Water	Manganese	APHA, 23rd Ed. 3111 A+B,: 2017
183	CHEMICAL- WATER	Waste Water	Nitrate Nitrogen	APHA, 23rd Ed. 4500-NO3-B: 2017
184	CHEMICAL- WATER	Waste Water	Oil & Grease	APHA, 23rd Ed. 5520 A+B+D: 2017
185	CHEMICAL- WATER	Waste Water	pH	APHA, 23rd Ed. 4500H+A+B: 2017
186	CHEMICAL- WATER	Waste Water	Phenolic Compound	APHA, 23rd Ed. 5530 A+C: 2017
187	CHEMICAL- WATER	Waste Water	Phosphate	APHA, 23rd Ed. 4500-PD: 2017
188	CHEMICAL- WATER	Waste Water	Potassium	APHA, 23rd Ed. 3500 K, A+B: 2017
189	CHEMICAL- WATER	Waste Water	Sodium	APHA, 23rd Ed. 3500 Na, A+B: 2017

SCOPE OF ACCREDITATION

Laboratory Name :	ECOMEN LABORATORIES P LTD., SECOND FLOOR HALL, HOUSE NO - B- 1/ 8, SECTOR - H, ALIGANJ, LUCKNOW, UTTAR PRADESH, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9539	**Page No**	10 of 10
Validity	19/08/2021 to 20/05/2023	**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
190	CHEMICAL- WATER	Waste Water	Sulphate	APHA, 23rd Ed. 4500-SO42- E: 2017
191	CHEMICAL- WATER	Waste Water	Sulphide	APHA, 23rd Ed. 4500 S2- F: 2017
192	CHEMICAL- WATER	Waste Water	Temperature	APHA, 23rd Ed. 2550 A+B: 2017
193	CHEMICAL- WATER	Waste Water	Total Chromium	APHA, 23rd Ed. 3111 A+B: 2017
194	CHEMICAL- WATER	Waste Water	Total Dissolved Solids	APHA, 23rd Ed. 2540-C : 2017
195	CHEMICAL- WATER	Waste Water	Total Hardness	APHA, 23rd Ed. 2340 A+C : 2017
196	CHEMICAL- WATER	Waste Water	Total Kjeldahl Nitrogen	APHA, 23rd Ed. 4500 Norg A+C: 2017
197	CHEMICAL- WATER	Waste Water	Total Solids	APHA , 23rd Ed. 2540-B: 2017
198	CHEMICAL- WATER	Waste Water	Total Suspended Solids	APHA, 23rd Ed.2540-D: 2017
199	CHEMICAL- WATER	Waste Water	Turbidity	APHA, 23rd Ed. 2130-A+B : 2017
200	CHEMICAL- WATER	Waste Water	Zinc	APHA, 23rd Ed. 3111 A+B: 2017