National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : J.M. ENVIRO STUDIES PVT. LTD., T-1, A-35, GEMA, SECTOR-25, GANDHINAGAR, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-9535 **Page No** 1 of 6

Validity 18/05/2021 to 17/05/2023 **Last Amended on** 01/06/2021

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	Nitrogen Dioxide as NO2	IS 5182 (Part-6)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 10 µm) as PM 10	IS 5182 (Part-23)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (size less than 2.5 µm) as PM 2.5	IS 5182 (Part-24)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part-2)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Monitoring	Noise level (Ambient)Leq	IS 9989
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source	Oxides of Nitrogen as NOx	IS 11255 (Part – 7)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source	Particulate Matter as PM	IS 11255 (Part – 1)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Stationary Source	Sulphur Dioxide as SO2	IS 11255 (Part – 2)
9	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Calcium as Ca	Manual for Soil testing in India, Dept. of Agriculture & Corporation MOA Page No.102, January
10	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Magnesium as Mg	Manual for Soil testing in India Dept. of Agriculture & Corporation MOA Page No. 102, January
11	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Available Nitrogen as N	IS 14684
12	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Bulk Density	IS 2720 (Part 8)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Electrical Conductivity	IS 14767
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic Carbon	IS 2720 (Part 22)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Organic matter	IS 2720 (Part 22)
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS 2720(Part – 26)

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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
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Potassium as K	Manual for Soil testing in India, Dept. of Agriculture & Corporation MOA Page No. 99
18	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH	APHA, 23rd Edition 4500-H+ B
19	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity as CaCO3	IS 3025 (Part 22)
20	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 4500-NH3-B, C
21	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio Chemical Oxygen Demand @ 27 0C for 3 Days	IS 3025 (Part -44)
22	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron as B	APHA, 23rd Edition 4500-B –C
23	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium as Ca	APHA, 23rd Edition 3500-Ca- B
24	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium Hardness as CaCO3	APHA, 23rd Edition 3500-Ca- B
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand	APHA, 23rd Edition 5220-B
26	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	APHA, 23rd Edition 4500 Cl- B
27	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Color	APHA, 23rd Edition 2120 -B
28	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen (DO)	APHA, 23rd Edition 4500-B & C
29	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	APHA, 23rd Edition 2510-B
30	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F-	APHA, 23rd Edition 4500-F - B, D
31	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexa valent Chromium as Cr+6	APHA 23rd Edition 3500 Cr B
32	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Iron as Fe	APHA, 23rd Edition 3500-Fe- B
33	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium as Mg	APHA, 23rd Edition 3500-Mg-B
34	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Magnesium Hardness as CaCO3	APHA, 23rd Edition /3500-Mg- B

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Validity 18/05/2021 to 17/05/2023 **Last Amended on** 01/06/2021

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
35	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil & Grease	APHA, 23rd Edition 5520 B
36	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Phosphate as PO4	APHA, 23rd Edition 4500PD
37	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Potassium as K	APHA, 23rd Edition 3500-K B
38	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Reactive Silica as SiO2	APHA, 23rd Edition 4500-C
39	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Chlorine	APHA, 23rd Edition 4500-Cl-B
40	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	APHA, 23rd Edition 3500-Na -B
41	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	APHA, 23rd Edition 4500-SO42-E
42	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Alkalinity as CaCO3	IS 3025 (Part 23)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total dissolved solids	APHA, 23rd Edition 2540-C
44	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	APHA, 23rd Edition /2340-C
45	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen as N	APHA, 23rd Edition 4500-Norg –B
46	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total solids	APHA, 23rd Edition 2540-B
47	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended solids	APHA, 23rd Edition 2540-D
48	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	APHA, 23rd Edition 2130-B
49	CHEMICAL- WATER	Drinking Water	Acidity as CaCO3	IS 3025 (Part 22)
50	CHEMICAL- WATER	Drinking Water	Boron as B	APHA, 23rd Edition 4500-B –C
51	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA, 23rd Edition 3500-Ca- B
52	CHEMICAL- WATER	Drinking Water	Calcium Hardness as CaCO3	APHA, 23rd Edition 3500-Ca- B
53	CHEMICAL- WATER	Drinking Water	Chloride as Cl	APHA, 23rd Edition 2017/ 4500 Cl- B
54	CHEMICAL- WATER	Drinking Water	Color	APHA, 23rd Edition 2120 -B
55	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA, 23rd Edition 4500-O -C

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Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9535	**Page No**	4 of 6
Validity	18/05/2021 to 17/05/2023	**Last Amended on**	01/06/2021

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
56	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	APHA, 23rd Edition 2510-B
57	CHEMICAL- WATER	Drinking Water	Fluoride as F-	APHA, 23rd Edition 4500-F – D
58	CHEMICAL- WATER	Drinking Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 3500 Cr B
59	CHEMICAL- WATER	Drinking Water	Iron as Fe	APHA, 23rd Edition 3500-Fe- B
60	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA, 23rd Edition 3500-Mg-B
61	CHEMICAL- WATER	Drinking Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 3500-Mg-B
62	CHEMICAL- WATER	Drinking Water	pH	APHA, 23rd Edition 2017/4500-H+ B
63	CHEMICAL- WATER	Drinking Water	Phosphate as PO4	APHA, 23rd Edition 4500P C, D
64	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA, 23rd Edition 3500-K B
65	CHEMICAL- WATER	Drinking Water	Reactive Silica as SiO2	APHA, 23rd Edition 4500-C
66	CHEMICAL- WATER	Drinking Water	Residual Chlorine	APHA, 23rd Edition 4500-Cl-B
67	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA, 23rd Edition 3500-Na -B
68	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA, 23rd Edition /4500-SO4 2-
69	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
70	CHEMICAL- WATER	Drinking Water	Total dissolved solids	APHA, 23rd Edition 2540-C
71	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA, 23rd Edition 2340-C
72	CHEMICAL- WATER	Drinking Water	Total solids	APHA, 23rd Edition 2540-B
73	CHEMICAL- WATER	Drinking Water	Turbidity	APHA, 23rd Edition 2130-B
74	CHEMICAL- WATER	Ground water	Acidity as CaCO3	IS 3025 (Part 22)
75	CHEMICAL- WATER	Ground water	Boron as B	APHA, 23rd Edition 4500-B –C
76	CHEMICAL- WATER	Ground water	Calcium as Ca	APHA, 23rd Edition 3500-Ca- B
77	CHEMICAL- WATER	Ground water	Calcium Hardness as CaCO3	APHA, 23rd Edition 3500-Ca- B
78	CHEMICAL- WATER	Ground water	Chloride as Cl	APHA, 23rd Edition 4500 Cl- B
79	CHEMICAL- WATER	Ground Water	Color	APHA, 23rd Edition 2120 -B
80	CHEMICAL- WATER	Ground Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 4500-O -C
81	CHEMICAL- WATER	Ground water	Electrical Conductivity	APHA, 23rd Edition 2510-B
82	CHEMICAL- WATER	Ground Water	Fluoride as F-	APHA, 23rd Edition 4500-F – D
83	CHEMICAL- WATER	Ground Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 3500 Cr B
84	CHEMICAL- WATER	Ground water	Iron as Fe	APHA, 23rd Edition 3500-Fe- B

SCOPE OF ACCREDITATION

Laboratory Name :	J.M. ENVIRO STUDIES PVT. LTD., T-1, A-35, GEMA, SECTOR-25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9535	**Page No**	5 of 6
Validity	18/05/2021 to 17/05/2023	**Last Amended on**	01/06/2021

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
85	CHEMICAL- WATER	Ground water	Magnesium as Mg	APHA, 23rd Edition 3500-Mg-B
86	CHEMICAL- WATER	Ground water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 3500-Mg-B
87	CHEMICAL- WATER	Ground water	pH	APHA, 23rd Edition 4500-H+ B
88	CHEMICAL- WATER	Ground water	Phosphate as PO4	APHA, 23rd Edition 4500-P C,D
89	CHEMICAL- WATER	Ground Water	Potassium as K	APHA, 23rd Edition 3500-K B
90	CHEMICAL- WATER	Ground water	Reactive Silica as SiO2	APHA, 23rd Edition 4500-C
91	CHEMICAL- WATER	Ground water	Residual Chlorine	APHA, 23rd Edition 4500-Cl-B
92	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA, 23rd Edition 3500-Na -B
93	CHEMICAL- WATER	Ground water	Sulphate as SO4	APHA, 23rd Edition 4500-SO42-E
94	CHEMICAL- WATER	Ground water	Total Alkalinity as CaCO3	IS 3025 (Part 23):1986 / Reaffirmed
95	CHEMICAL- WATER	Ground Water	Total dissolved solids	APHA, 23rd Edition 2540-C
96	CHEMICAL- WATER	Ground water	Total Hardness as CaCO3	APHA, 23rd Edition 2340-C
97	CHEMICAL- WATER	Ground Water	Total solids	APHA, 23rd Edition 2540-B
98	CHEMICAL- WATER	Ground Water	Turbidity	APHA, 23rd Edition 2130-B
99	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	IS 3025 (Part 22)
100	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3-N	APHA, 23rd Edition 4500-NH3-B, C
101	CHEMICAL- WATER	Surface Water	Bio Chemical Oxygen Demand @ 27 0C for 3 Days	IS 3025 (Part 44)
102	CHEMICAL- WATER	Surface Water	Boron as B	APHA, 23rd Edition 4500-B –C
103	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA, 23rd Edition 3500-Ca- B
104	CHEMICAL- WATER	Surface Water	Calcium Hardness as CaCO3	APHA, 23rd Edition 3500-Ca- B
105	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA, 23rd Edition 5220-B
106	CHEMICAL- WATER	Surface Water	Chloride as Cl	APHA, 23rd Edition 4500 Cl- B
107	CHEMICAL- WATER	Surface Water	Color	APHA, 23rd Edition 2120 -B
108	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA, 23rd Edition 4500-O -C
109	CHEMICAL- WATER	Surface Water	Electrical Conductivity	APHA, 23rd Edition 2510-B
110	CHEMICAL- WATER	Surface Water	Fluoride as F-	APHA, 23rd Edition 4500-F – D
111	CHEMICAL- WATER	Surface Water	Hexa valent Chromium as Cr+6	APHA, 23rd Edition 3500 Cr B

SCOPE OF ACCREDITATION

Laboratory Name :	J.M. ENVIRO STUDIES PVT. LTD., T-1, A-35, GEMA, SECTOR-25, GANDHINAGAR, GUJARAT, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-9535	**Page No**	6 of 6
Validity	18/05/2021 to 17/05/2023	**Last Amended on**	01/06/2021

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
112	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA, 23rd Edition 3500-Fe- B
113	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA, 23rd Edition 3500-Mg-B
114	CHEMICAL- WATER	Surface Water	Magnesium Hardness as CaCO3	APHA, 23rd Edition 3500-Mg-B
115	CHEMICAL- WATER	Surface Water	pH	APHA, 23rd Edition 4500-H+ B
116	CHEMICAL- WATER	Surface Water	Phosphate as PO4	APHA, 23rd Edition 4500-P C,D
117	CHEMICAL- WATER	Surface Water	Potassium as K	APHA, 23rd Edition 3500-K B
118	CHEMICAL- WATER	Surface Water	Reactive Silica as SiO2	APHA, 23rd Edition 4500-C
119	CHEMICAL- WATER	Surface Water	Residual Chlorine	APHA, 23rd Edition 4500-Cl-B
120	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA, 23rd Edition 3500-Na -B
121	CHEMICAL- WATER	Surface Water	Sulphate as SO4	APHA, 23rd Edition 4500-SO42-E
122	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
123	CHEMICAL- WATER	Surface Water	Total dissolved solids	APHA, 23rd Edition 2540-C
124	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA, 23rd Edition 2340-C
125	CHEMICAL- WATER	Surface Water	Total Kjeldahl Nitrogen as N	APHA, 23rd Edition 4500-Norg –A,B
126	CHEMICAL- WATER	Surface Water	Total solids	APHA, 23rd Edition 2540-B
127	CHEMICAL- WATER	Surface Water	Total Suspended solids	APHA, 23rd Edition 2540-D
128	CHEMICAL- WATER	Surface Water	Turbidity	APHA, 23rd Edition 2130-B