National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EMTRC LAB (EMTRC CONSULTANTS PVT. LTD), F66, ROAD 2, PHASE-I, MASURI GULAWTHI ROAD INDUSTRIAL AREA, UPSIDC, GHAZIABAD, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-7376 **Page No** 1 of 6

Validity 16/11/2021 to 15/11/2023 **Last Amended on** 21/12/2021

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	AIR	AMMONIA	SOP/13/VIII 12
2	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	Assessment of noise w.r.t. community responce"	IS-9989
3	CHEMICAL- ATMOSPHERIC POLLUTION	Air	CARBON DIOXIDE	IS-13270,
4	CHEMICAL- ATMOSPHERIC POLLUTION	Air	CARBON MONOXIDE	IS-13270,
5	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	LEAD	SOP/13/XI 12,
6	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	NICKEL	SOP/13/XI 12,
7	CHEMICAL- ATMOSPHERIC POLLUTION	Air	NITROGEN OXIDES	IS-11255 P6,
8	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	NITROGEN OXIDES	IS-5182-P6
9	CHEMICAL- ATMOSPHERIC POLLUTION	Air	OXYGEN	IS-13270
10	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	OZONE	SOP/13/VII 12
11	CHEMICAL- ATMOSPHERIC POLLUTION	Air	PM	IS-11255 P1
12	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	PM2.5	SOP/13/IV 12
13	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	RELATIVE HUMIDITY	SOP/17 12
14	CHEMICAL- ATMOSPHERIC POLLUTION	Air	SPM	IS-5182 P4
15	CHEMICAL- ATMOSPHERIC POLLUTION	Air	SULPHUR DIOXIDE	IS-11255
16	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	SULPHUR DIOXIDE	IS-5182-P2
17	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	TEMPERATURE	SOP/17
18	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	WIND DIRECTION	SOP/17 12

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19	CHEMICAL- ATMOSPHERIC POLLUTION	AIR	WIND SPEED	SOP/17 12
20	CHEMICAL- ATMOSPHERIC POLLUTION	DG, PLANT MACHINERY, EQUIPMENT	Assessment of noise w.r.t. community responce	IS-9989
21	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	AVAILABLE NITROGEN	IS-14684
22	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	AVAILABLE PHOSPHORUS	SOP/15/0712
23	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	AVAILABLE POTASSIUM	SOP/15/06 12
24	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	AVAILABLE SODIUM	SOP/15/05 12
25	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	CACIUM	SOP/15/13 12
26	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	CATION EXCHANGE CAPACITY	SOP/15/13 12
27	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	CONDUCTIVITY	IS-14767
28	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	COPPER	SOP/15/13 12
29	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	IRON	SOP/15/13 12
30	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	LEAD	SOP/15/13 12
31	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	MAGNESIUM	SOP/15/13 12
32	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	MANGANESE	SOP/15/13 12
33	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	MOISTURE CONTENT	IS-2720
34	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	NICKEL	SOP/15/13 12
35	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	ORGANIC MATTER	IS-2720 P22
36	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	pH VALUE	IS-2720 P26
37	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	WATER HOLDING CAPACITY	SOP/15/13 12

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38	CHEMICAL- POLLUTION & ENVIRONMENT	SOIL	ZINC	SOP/15/13 12
39	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	BOD	IS 3025 (Part 44)
40	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	COD	APHA (23rd Edition)5220-B
41	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	CONDUCTIVITY	APHA (23rd Edition)2510-B
42	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	DISSOLVED OXYGEN	APHA (23rd Edition)4500-O-C
43	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	FLUORIDE	APHA (23rd Edition)4500-F-D
44	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	HARDNESS	APHA (23rd Edition)2340-C
45	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	NITROGEN AMMONIA	APHA (23rd Edition)4500-NH3-C
46	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	NITROGEN NITRATE	SOP/10/VIII12
47	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	NITROGEN ORGANIC	APHA (23rd Edition)4500-N-B
48	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	OIL AND GREASE	APHA (23rd Edition)5220-B
49	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	pH VALUE	APHA (23rd Edition)4500-H+ B
50	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	PHENOL	APHA (23rd Edition)5530-D
51	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	PHOSPHORUS	APHA (23rd Edition)4500-P-D
52	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	POTASSIUM	APHA (23rd Edition)3500-K-B
53	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	RESIDUAL CHLORINE	APHA (23rd Edition)4500-Cl-B
54	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	SODIUM	APHA (23rd Edition)3500-Na-B
55	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	SURVIVAL OF FISH IN WASTEWATER	IS-6582
56	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	TEMPERATURE	APHA (23rd Edition)2550-B

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57	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	TOTAL DISSOLVED SOLIDS	APHA (23rd Edition)2540-C
58	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	TOTAL SUSPENDED SOLIDS	APHA (23rd Edition)2540-D
59	CHEMICAL- POLLUTION & ENVIRONMENT	WASTE WATER	TURBIDITY	APHA (23rd Edition)2130-B
60	CHEMICAL- RESIDUES IN WATER	WATER	CADMIUM	APHA (23rd Edition)3111-B
61	CHEMICAL- RESIDUES IN WATER	WATER	CHROMIUM (VI)	APHA (23rd Edition)3500-B
62	CHEMICAL- RESIDUES IN WATER	WATER	CHROMIUM TOTAL	APHA (23rd Edition)3111-B
63	CHEMICAL- RESIDUES IN WATER	WATER	COPPER	APHA (23rd Edition)3111-B
64	CHEMICAL- RESIDUES IN WATER	WATER	IRON	APHA (23rd Edition)3111-B
65	CHEMICAL- RESIDUES IN WATER	WATER	LEAD	APHA (23rd Edition)3111-B
66	CHEMICAL- RESIDUES IN WATER	WATER	NICKEL	APHA (23rd Edition)3111-B
67	CHEMICAL- RESIDUES IN WATER	WATER	ZINC	APHA (23rd Edition)3111-B
68	CHEMICAL- WATER	Drinking Water	ACIDITY	APHA (23rd Edition)2310-B
69	CHEMICAL- WATER	Drinking Water	ALKALINITY	APHA (23rd Edition)2320-B
70	CHEMICAL- WATER	Drinking Water	CALCIUM	APHA (23rd Edition)3500-Ca-B
71	CHEMICAL- WATER	Drinking Water	CHLORIDE	APHA (23rd Edition)4500-Cl-B
72	CHEMICAL- WATER	Drinking Water	COLOUR	APHA (23rd Edition)2120-B
73	CHEMICAL- WATER	Drinking Water	CONDUCTIVITY	APHA (23rd Edition)2510-B
74	CHEMICAL- WATER	Drinking Water	FLUORIDE	APHA (23rd Edition)4500-F-D
75	CHEMICAL- WATER	Drinking Water	HARDNESS	APHA (23rd Edition)2340-C
76	CHEMICAL- WATER	Drinking Water	MAGNESIUM	APHA (23rd Edition)3500-Mg-B
77	CHEMICAL- WATER	Drinking Water	pH VALUE	APHA (23rd Edition)4500-H+-B
78	CHEMICAL- WATER	Drinking Water	POTASSIUM	APHA (23rd Edition)3500-K-B
79	CHEMICAL- WATER	Drinking Water	SODIUM	APHA (23rd Edition)3500-Na-B
80	CHEMICAL- WATER	Drinking Water	SULPHATE	APHA (23rd Edition)4500-SO4-E

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81	CHEMICAL- WATER	Drinking Water	TEMPERATURE	APHA (23rd Edition)2550-B
82	CHEMICAL- WATER	Drinking Water	TOTAL DISSOLVED SOLIDS	APHA (23rd Edition)2440-C
83	CHEMICAL- WATER	Drinking Water	TOTAL SUSPENDED SOLIDS	APHA (23rd Edition)2540-D
84	CHEMICAL- WATER	Drinking Water	TURBIDITY	APHA (23rd Edition)2130-B
85	CHEMICAL- WATER	Surface Water	DISSOLVED OXYGEN	APHA (23rd Edition)4500-O-C
86	CHEMICAL- WATER	WATER	ACIDITY	APHA (23rd Edition)2310-B
87	CHEMICAL- WATER	WATER	ALKALINITY	APHA (23rd Edition)2320-B
88	CHEMICAL- WATER	Water	BOD	IS 3025 (Part 44)
89	CHEMICAL- WATER	WATER	CALCIUM	APHA (23rd Edition)3500-Ca-B
90	CHEMICAL- WATER	WATER	CHLORIDE	APHA (23rd Edition)4500-Cl-B
91	CHEMICAL- WATER	WATER	CHLORIDE	APHA (23rd Edition)4500-Cl-B
92	CHEMICAL- WATER	Water	COD	APHA (23rd Edition)5220-B
93	CHEMICAL- WATER	WATER	COLOUR	APHA (23rd Edition)2120-B
94	CHEMICAL- WATER	WATER	CONDUCTIVITY	APHA (23rd Edition)2510-B
95	CHEMICAL- WATER	WATER	FLUORIDE	APHA (23rd Edition)4500-F-D
96	CHEMICAL- WATER	WATER	HARDNESS	APHA (23rd Edition)2340-C
97	CHEMICAL- WATER	WATER	MAGNESIUM	APHA (23rd Edition)3500-Mg-B
98	CHEMICAL- WATER	WATER	MEGNESIUM	APHA (23rd Edition)3500-Mg-B
99	CHEMICAL- WATER	WATER	NITROGEN AMMONIA	APHA (23rd Edition)4500-NH3-C
100	CHEMICAL- WATER	Water	NITROGEN NITRATE	SOP/10/VIII 2
101	CHEMICAL- WATER	WATER	NITROGEN ORGANIC	APHA (23rd Edition)4500-N-B
102	CHEMICAL- WATER	WATER	pH	APHA (23rd Edition)4500-H+-B
103	CHEMICAL- WATER	WATER	PHENOL	APHA (23rd Edition)5530-D
104	CHEMICAL- WATER	WATER	PHOSPHOROUS	APHA (23rd Edition)4500-P-D
105	CHEMICAL- WATER	Water	PHOSPHORUS	APHA (23rd Edition)4500-P-D
106	CHEMICAL- WATER	WATER	POTASSIUM	APHA (23rd Edition)3500-K-B
107	CHEMICAL- WATER	WATER	RESIDUAL CHLORINE	APHA (23rd Edition)4500-Cl-B
108	CHEMICAL- WATER	Water	SILICA	APHA (23rd Edition)4500-SiO2-B
109	CHEMICAL- WATER	WATER	SILICA	APHA (23rd Edition)4500-SiO2-C

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110	CHEMICAL- WATER	WATER	SODIUM	APHA (23rd Edition)3500-Na-B
111	CHEMICAL- WATER	WATER	SULPHATE	APHA (23rd Edition)4500-SO4-E
112	CHEMICAL- WATER	WATER	TEMPERATURE	APHA (23rd Edition)2550-B
113	CHEMICAL- WATER	WATER	TOTAL DISSOLVED SOLID	APHA (23rd Edition)2440-C
114	CHEMICAL- WATER	WATER	TOTAL DISSOLVED SOLIDS	APHA (23rd Edition)2440-C
115	CHEMICAL- WATER	WATER	TOTAL SUSPENDED SOLID	APHA (23rd Edition)2540-D
116	CHEMICAL- WATER	WATER	TOTAL SUSPENDED SOLIDS	APHA (23rd Edition)2540-D
117	CHEMICAL- WATER	WATER	TURBIDITY	APHA (23rd Edition)2130-B