National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MOTHER EARTH ENVIRON TECH PRIVATE LIMITED, PLOT NO.217, 2ND PHASE, KIADB INDUSTRIAL AREA, RAMANAGARAM, RAMANAGARA, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
Permanent Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Ammonia (NH3)	Indo Phenol Blue Method/ IS 5182 (Part 25)
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Lead (Pb)	IS 5182 (Part 22)
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Nickel (Ni)	MEEPL/SOP/LAB/AAQM-007, AAS Method/CPCB NAAQ Method Volume 1, May2011
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Nitrogen Dioxide (NO2)	IS: 5182 (Pt-6) (Modified Jacob and Hochheiser Method)
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Ozone (O3)	IS: 5182 (Pt-9)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Particulate Matters, PM 2.5	IS: 5182 (Pt-24) (Gravimetric Method)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Respirable Suspended Particulate Matters, PM10	IS: 5182 (Pt-23) (Gravimetric Method)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Quality Monitoring	Sulphur Dioxide (SO2)	IS-5182 (Pt-2) (Improved West and Gaeke method)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise	IS-9876
10	CHEMICAL- ATMOSPHERIC POLLUTION	DG Set Noise	DG Set Noise	IS-9876
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter(PM)	IS-11255 (Pt-1)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide (SO2)	IS-11255 (Pt-2)
13	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cadmium as Cd (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
14	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Conductivity	IS: 2720 (Part 21)
15	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Copper as Cu (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
16	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Cyanide as CN (TCLP)	USEPA; 9010 C (Distillation) & APHA 23rd Ed; 4500 CN- E (Spectrophotometric Method)
17	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Fluorides as F– (TCLP)	USEPA 1311 (Extraction) APHA 23rd Ed.; 4500 F– D (Spectrophotometric Method)

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18	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Lead as Pb (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
19	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Nickel as Ni (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
20	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	pH	IS: 2720 (Part 26)
21	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Total Chromium as Cr (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
22	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Zinc as Zn (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
23	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Bulk density	ASTM D 5057-10 (Gravimetric Method)
24	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Cadmium as Cd	USEPA–3050B (Acid Digestion) USEPA7000B AAS
25	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Cadmium as Cd (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
26	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Cadmium as Cd (WLT)	CPCB TSDF Protocol (Extraction) USEPA–7000B AAS
27	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Calorific Value	IS 1350 (part-II) (Bomb Calorimeter Method)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Chromium as Cr	USEPA–3050B (Acid Digestion) USEPA7000B AAS
29	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Chromium as Cr (TCLP)	USEPA 1311 (Extraction) USEPA7000B AAS
30	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Chromium as Cr (WLT)	CPCB TSDF Protocol (Extraction) USEPA–7000B AAS
31	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Copper as Cu	USEPA–3050B (1996) (Acid Digestion) USEPA7000B, (2007), AAS
32	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Copper as Cu (TCLP)	USEPA 1311 (1992) (Extraction) USEPA7000B (2007), AAS
33	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Copper as Cu (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) USEPA–7000B, (2007) AAS
34	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Extractable Organics	USEPA- 3540 C (Soxhlet Extraction Method)
35	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Flash Point	USEPA;1020 A (Closed cup Method)

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36	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Hexavalent Chromium as Cr+6	USEPA–3050B (1996) (Acid Digestion) USEPA 1998, SW–846; 7196A (Spectrophotometric Method)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Hexavalent Chromium as Cr+6 (TCLP)	USEPA 1311 (1992) (Extraction) APHA 23rd Ed.; 3500 Cr B, (2017) (Spectrophotometric Method)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Hexavalent Chromium as Cr+6 (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) APHA ; 3500 Cr B, (2017) (Spectrophotometric Method)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Iron as Fe	USEPA–3050B (1996) (Acid Digestion) USEPA7000B, (2007), AAS
40	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Iron as Fe (TCLP)	USEPA 1311 (1992) (Extraction) USEPA7000B (2007), AAS
41	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Iron as Fe (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) USEPA–7000B, (2007) AAS
42	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Lead as Pb	USEPA–3050B (1996) (Acid Digestion) USEPA7000B, (2007), AAS
43	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Lead as Pb (TCLP)	USEPA 1311 (1992) (Extraction) USEPA7000B (2007), AAS
44	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Lead as Pb (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) USEPA–7000B, (2007) AAS
45	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Loss On Drying	MEEPL/SOP/LAB/SW-002: Issue No.: 00; Issue Date: 02.09.2019
46	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Loss On Ignition	MEEPL/SOP/LAB/SW-003: Issue No.: 00; Issue Date: 02.09.2019
47	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Nickel as Ni	USEPA–3050B (1996) (Acid Digestion) USEPA7000B, (2007), AAS
48	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Nickel as Ni (TCLP)	USEPA 1311 (1992) (Extraction) USEPA7000B (2007), AAS

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49	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Nickel as Ni (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) USEPA–7000B, (2007) AAS
50	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Paint Filter Liquid Test (PFLT)	USEPA-9095 A (Filtration Method)
51	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	pH	USEPA; 9045 C (Electrometric Method)
52	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Reactive Cyanide	MEEPL/SOP/LAB/SW/021- Issue No: 01/02.09.2019(Based on USEPA; 9010 C (2004) (Distillation) & APHA 23rd Ed; 4500 CN- E (2017) (Spectrophotometric Method)
53	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Reactive sulfide	MEEPL/SOP/LAB/SW/019- Issue No: 01/02.09.2019USEPA 9030B (1996)(Distillation), USEPA 9034 (1996)(Iodometric Method)
54	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Test For Cyanide	MEEPL/SOP/LAB/SW/022- Issue No: 01/02.09.2019 CPCB TSDF Protocol (2010–11) (Extraction), APHA 23rd Ed.; 4500 CN– K (2017) (Spot identification)
55	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Test For sulfide	MEEPL/SOP/LAB/SW/020 (Based on CPCB TSDF Protocol (2010–11) (Extraction), APHA 23rd Ed.;4500 S2– (2017)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total Cyanide	USEPA; 9010 C (2004) (Distillation) & APHA 23rd Ed; 4500 CN- E (2017) (Spectrophotometric Method)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Total Sulfide	USEPA 9030B (1996)(Distillation), USEPA 9034 (1996)(Iodometric Method)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Water Soluble Inorganics	MEEPL/SOP/LAB/SW/009- Issue No: 01/02.09.2019 (Based on APHA 23rd Ed.; 2540 B&E (Gravimetric Method)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Water Soluble Organics	MEEPL/SOP/LAB/SW/009- Issue No: 01/02.09.2019 (Based on APHA 23rd Ed.2540 B&E (Gravimetric Method)

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60	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Zinc as Zn	USEPA–3050B (1996) (Acid Digestion) USEPA7000B, (2007), AAS
61	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Zinc as Zn (TCLP)	USEPA 1311 (1992) (Extraction) USEPA7000B (2007), AAS
62	CHEMICAL- POLLUTION & ENVIRONMENT	Solid Waste	Zinc as Zn (WLT)	CPCB TSDF Protocol; (2010–11) (Extraction) USEPA–7000B, (2007) AAS
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	APHA 23rd Ed., 2310 B, (Titrimetric Method)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titrimetric Method)
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen as N	APHA 23rd Ed.; 4500 NH3 B, C (Distillation & Titrimetric Method)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand 3 Days at 27°C	IS : 3025 (Part 44) (Titrimetric Method)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium as Cd	APHA 23rd Ed.; 3111 B, AAS
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23rd Ed.; 3500 Ca B (EDTA Titrimetric Method)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Ed.; 5220 B (Open reflux Method)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides as Cl–	APHA 23rd Ed.; 4500 Cl– C (Mercuric Nitrate Method)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA 23rd Ed.; 2510 B (Laboratory Method)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	APHA 23rd Ed.; 3111 B, AAS
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cyanides as CN–	APHA 23rd Ed.; 4500 CN– C, E (Spectrophotometric Method)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Ed.; 4500 O C (Azide Modification Method)
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids	APHA 23rd Ed.; 2540 E (Gravimetric Method)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluorides as F–	APHA 23rd Ed.; 4500 F– D (Spectrophotometric Method)

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77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr+6	APHA 23rd Ed.; 3500 Cr B (Spectrophotometric Method)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Ed.; 3111 B, AAS
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Ed.; 3111 B, AAS
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Ed.; 3500–Mg B (Calculation Method)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Ed.; 3111 B, AAS
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen as N	APHA 23rd Ed.; 4500 NO3–B (Spectrophotometric Method)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite Nitrogen as N	APHA 23rd Ed.; 4500 NO2 – B (UV–Screening Method)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrogen (Organic) as N	APHA 23rd Ed.; 4500 N (org) B (Macro–Kjeldahl Method)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Ed.;5520 B (Gravimetric Method)
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Ed., 4500 H+ B (Electrometric Method)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus as P	APHA 23rd Ed.; 4500 P C (Spectrophotometric Method)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23rd Ed.;; 3500 K B (Flame Photometric Method)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine as Cl	APHA 23rd Ed.; 4500 Cl B (Iodometric Method)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Silica as SiO2	MEEPL/SOP/LAB/W&WW-O33
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23rd Ed. 3500 Na B (Flame Photometric Method)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphates as SO4–2	APHA 23rd Ed.4500 SO4–2 D (Gravimetric Method)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphide as H2S	APHA 23rd Ed.4500 S2 F (Iodometric Method)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphite as SO3–2	APHA 23rd Ed.; 4500 SO3–2, B (Iodometric Method)
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Ed.; 2550 –A, B (Glass Thermometer method)

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96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium as Cr	APHA 23rd Ed.; 3111 B, AAS
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C (Gravimetric Method)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Ed.; 2340 C (EDTA Titrimetric Method)
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Ed. 2540 B (Gravimetric Method)
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Ed.; 2540 D (Gravimetric Method)
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Turbidity	APHA 23rd Ed.; 2130 B (Nephlometric Method)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids	APHA 23rd Ed.; 2540 E (Gravimetric Method)
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Ed.; 3111 B, AAS
104	CHEMICAL- RESIDUES IN WATER	Water	Cadmium Cd	APHA 23rd Ed.3111 B, AAS
105	CHEMICAL- RESIDUES IN WATER	Water	Copper as Cu	APHA 23rd Ed.3111 B, AAS
106	CHEMICAL- RESIDUES IN WATER	Water	Hexavalent Chromium as Cr+6	APHA 23rd Ed.3500 Cr B, (Spectrophotometric Method)
107	CHEMICAL- RESIDUES IN WATER	Water	Iron as Fe	APHA 23rd Ed.3111 B, AAS
108	CHEMICAL- RESIDUES IN WATER	Water	Lead as Pb	APHA 23rd Ed.3111 B, AAS
109	CHEMICAL- RESIDUES IN WATER	Water	Nickel as Ni	APHA 23rd Ed.3111 B, AAS
110	CHEMICAL- RESIDUES IN WATER	Water	Total Chromium as Cr	APHA 23rd Ed. 3111 B, AAS
111	CHEMICAL- RESIDUES IN WATER	Water	Zinc as Zn	APHA 23rd Ed.3111 B, AAS
112	CHEMICAL- WATER	Drinking Water	Ammonia as total ammonia-N	APHA 23rd Ed. 4500 NH3 B, C (Distillation & Titrimetric Method)
113	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Ed.3500 Ca B, (EDTA Titrimetric Method)

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114	CHEMICAL- WATER	Drinking Water	Chlorides as Cl–	APHA 23rd Ed.; 4500 Cl– C, (Mercuric Nitrate Method)
115	CHEMICAL- WATER	Drinking Water	Cyanides as CN–	APHA 23rd Ed. 4500 CN– C, E (Distillation & Spectrophotometric Method)
116	CHEMICAL- WATER	Drinking Water	Fluorides as F–	APHA 23rd Ed; 4500 F– D, (SPADNS Method)
117	CHEMICAL- WATER	Drinking Water	Free Residual Chlorine	APHA 23rd Ed. 4500 Cl B, (Iodometric Method)
118	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Ed.; 3500–Mg B, (Calculation Method)
119	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	APHA 23rd Ed. 4500 NO3–B (Spectrophotometric Method)
120	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition,; 4500 H+ B (Electrometric Method)
121	CHEMICAL- WATER	Drinking Water	Sulphates as SO4	APHA 23rd Ed.; 4500 SO4–2 D, (Gravimetric Method)
122	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	APHA 23rd Ed. 4500 S2 F (Iodometric Method)
123	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titrimetric Method)
124	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C (Gravimetric Method)
125	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C, (EDTA Titration Method)
126	CHEMICAL- WATER	Drinking Water	Turbidity	APHA 23rd Ed.; 2130 B, (Nephlometric Method)
127	CHEMICAL- WATER	Ground Water	Acidity as CaCO3	APHA 23rd Ed., 2310 B, (Titrimetric Method)
128	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titrimetric Method)
129	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand 3 Days at 27°C	IS : 3025 (Part 44) (Titrimetric Method)
130	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Ed.3500 Ca B, (EDTA Titrimetric Method)
131	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Ed.5220 B, (Open Reflux Method)

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132	CHEMICAL- WATER	Ground Water	Chlorides as Cl–	APHA 23rd Ed.; 4500 Cl– C, (Mercuric Nitrate Method)
133	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Ed,; 2510 B, (Laboratory Method)
134	CHEMICAL- WATER	Ground Water	Cyanides as CN–	APHA 23rd Ed. 4500 CN– C, E (Distillation & Spectrophotometric Method)
135	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O C, (Azide Modification Method)
136	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Ed; 2540 E (Gravimetric Method)
137	CHEMICAL- WATER	Ground Water	Fluorides as F–	APHA 23rd Ed; 4500 F– D, (SPADNS Method)
138	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Ed.; 3500–Mg B, (Calculation Method)
139	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen as N	APHA 23rd Ed. 4500 NO3–B (Spectrophotometric Method)
140	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as N	APHA 23rd Ed.; 4500 NO2 – B (UV–Screening Method)
141	CHEMICAL- WATER	Ground Water	Nitrogen (Ammonia) as N	APHA 23rd Ed.; 4500 NH3 B, C,(2017) (Distillation & Titrimetric Method)
142	CHEMICAL- WATER	Ground Water	Nitrogen (Organic) as N	APHA 23rd Ed. 4500 N (org), B, (Macro–Kjeldahl Method)
143	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Ed. 5520 B, (Gravimetric Method)
144	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition,; 4500 H+ B (Electrometric Method)
145	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 23rd Ed. 4500 P C (Spectrophotometric Method)
146	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Ed.; 3500 K B, (Flame Photometric Method)
147	CHEMICAL- WATER	Ground Water	Residual Chlorine as Cl	APHA 23rd Ed. 4500 Cl B, (Iodometric Method)
148	CHEMICAL- WATER	Ground Water	Silica as SiO2	MEEPL/SOP/LAB/W&WW-033
149	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23rd Ed.3500 Na B, (Flame Photometric Method)

SCOPE OF ACCREDITATION

Laboratory Name : MOTHER EARTH ENVIRON TECH PRIVATE LIMITED, PLOT NO.217, 2ND PHASE, KIADB INDUSTRIAL AREA, RAMANAGARAM, RAMANAGARA, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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
150	CHEMICAL- WATER	Ground Water	Sulphates as SO4–2	APHA 23rd Ed.; 4500 SO4–2 D, (Gravimetric Method)
151	CHEMICAL- WATER	Ground Water	Sulphide as S–2	APHA 23rd Ed. 4500 S2 F, (Iodometric Method)
152	CHEMICAL- WATER	Ground Water	Sulphite as SO3–2	APHA 23rd Ed. 4500 SO3–2, B, (Iodometric Method)
153	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition,; 2550 –A, B (Glass or Electronic Thermometer method)
154	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C (Gravimetric Method)
155	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C, (EDTA Titration Method)
156	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Ed. 2540 B (Gravimetric Method)
157	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Ed.; 2540 D (Gravimetric Method)
158	CHEMICAL- WATER	Ground Water	Turbidity	APHA 23rd Ed.; 2130 B, (Nephlometric Method)
159	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Ed.; 2540 E (Gravimetric Method)
160	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	APHA 23rd Ed., 2310 B, (Titrimetric Method)
161	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23rd Ed. 2320 B (Titrimetric Method)
162	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand 3 Days at 27°C	IS : 3025 (Part 44) (Titrimetric Method)
163	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Ed.3500 Ca B, (EDTA Titrimetric Method)
164	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Ed.5220 B, (Open Reflux Method)
165	CHEMICAL- WATER	Surface Water	Chlorides as Cl–	APHA 23rd Ed.; 4500 Cl– C, (Mercuric Nitrate Method)
166	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Ed,; 2510 B, (Laboratory Method)
167	CHEMICAL- WATER	Surface Water	Cyanides as CN–	APHA 23rd Ed. 4500 CN– C, E (Distillation & Spectrophotometric Method)

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168	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Ed. 4500 O C, (Azide Modification Method)
169	CHEMICAL- WATER	Surface Water	Fixed Solids	APHA 23rd Ed; 2540 E (Gravimetric Method)
170	CHEMICAL- WATER	Surface Water	Fluorides as F–	APHA 23rd Ed; 4500 F– D, (SPADNS Method)
171	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Ed.; 3500–Mg B, (Calculation Method)
172	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen as N	APHA 23rd Ed. 4500 NO3–B (Spectrophotometric Method)
173	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as N	APHA 23rd Ed.; 4500 NO2 – B (UV–Screening Method)
174	CHEMICAL- WATER	Surface Water	Nitrogen (Ammonia) as N	APHA 23rd Ed.; 4500 NH3 B, C,(2017) (Distillation & Titrimetric Method)
175	CHEMICAL- WATER	Surface Water	Nitrogen (Organic) as N	APHA 23rd Ed. 4500 N (org), B, (Macro–Kjeldahl Method)
176	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Ed. 5520 B, (Gravimetric Method)
177	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition,; 4500 H+ B (Electrometric Method)
178	CHEMICAL- WATER	Surface Water	Phosphorus as P	APHA 23rd Ed. 4500 P C (Spectrophotometric Method)
179	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Ed.; 3500 K B, (Flame Photometric Method)
180	CHEMICAL- WATER	Surface Water	Residual Chlorine as Cl	APHA 23rd Ed. 4500 Cl B, (Iodometric Method)
181	CHEMICAL- WATER	Surface Water	Silica as SiO2	MEEPL/SOP/LAB/W&WW-033
182	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Ed.3500 Na B, (Flame Photometric Method)
183	CHEMICAL- WATER	Surface Water	Sulphates as SO4–2	APHA 23rd Ed.; 4500 SO4–2 D, (Gravimetric Method)
184	CHEMICAL- WATER	Surface Water	Sulphide as S–2	APHA 23rd Ed. 4500 S2 F, (Iodometric Method)
185	CHEMICAL- WATER	Surface Water	Sulphite as SO3–2	APHA 23rd Ed. 4500 SO3–2, B, (Iodometric Method)

SCOPE OF ACCREDITATION

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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
186	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition,; 2550 –A, B (Glass or Electronic Thermometer method)
187	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 23rd Ed. 2540 C (Gravimetric Method)
188	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Ed. 2340 C, (EDTA Titration Method)
189	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Ed. 2540 B (Gravimetric Method)
190	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Ed.; 2540 D (Gravimetric Method)
191	CHEMICAL- WATER	Surface Water	Turbidity	APHA 23rd Ed.; 2130 B, (Nephlometric Method)
192	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 23rd Ed.; 2540 E (Gravimetric Method)