National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HYDERABAD WASTE MANAGEMENT PROJECT LABORATORY, TSDF AT 684/1, DUNDIGAL VILLAGE, DUNDIGAL GANDIMAISAMMA MANDAL, MEDCHAL MALKAJGIRI, HYDERABAD, TELANGANA, 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	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Escherichia coli	APHA 23rd Edition, 9221 F
2	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Faecal streptococci	APHA 23rd Edition, 9230 B
3	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Fecal coliforms	APHA 23rd Edition, 9221 E
4	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Salmonella spp	APHA 23rd Edition, 9260 B
5	BIOLOGICAL- ENVIRONMENT AND POLLUTION	Waste water	Total coliforms	APHA 23rd Edition, 9221 B
6	BIOLOGICAL- WATER	Portable Water, Domestics water, Treated water	Total Coliforms	APHA 23rd Edition, 9221 B
7	BIOLOGICAL- WATER	Potable water, Domestic water, Treated water	Escherichia coli	APHA 23rd Edition, 9221 F
8	BIOLOGICAL- WATER	Potable water, Domestic water, Treated water	Faecal streptococci	APHA 23rd Edition, 9230 B
9	BIOLOGICAL- WATER	Potable water, Domestic water, Treated water	Fecal Coliforms	APHA 23rd Edition, 9221 E
10	BIOLOGICAL- WATER	Potable water, Domestic water, Treated water	Salmonella	APHA 23rd Edition, 9260 B
11	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic as As	SOP based on CPCB guidelines HWMP/SOP/LAB-343
12	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Cadmium as Cd	SOP based on CPCB guidelines HWMP/SOP/LAB-343
13	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Chromium as Cr	SOP based on CPCB guidelines HWMP/SOP/LAB-343
14	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead as Pb	SOP based on CPCB guidelines HWMP/SOP/LAB-343
15	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel as Ni	SOP based on CPCB guidelines HWMP/SOP/LAB-343
16	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Oxides of Nitrogen	IS 5182 (Part 6)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Repairable suspended particulate matter (PM 10)	IS 5182 (Part 23)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Repairable suspended particulate matter (PM 2.5)	SOP based on CPCB guidelines (HWMP/SOP/LAB-339

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur Dioxide	IS 5182 (Part 2)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Zinc as Zn	SOP based on CPCB guidelines HWMP/SOP/LAB-343
21	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Liquid/Slurry,Solid,Semi Solid)	Carbon as C	In house (HWMP/SOP/LAB/221/A
22	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Liquid/Slurry,Solid,Semi Solid)	Hydrogen as H	In house (HWMP/SOP/LAB/221/A
23	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Liquid/Slurry,Solid,Semi Solid)	Nitrogen as N	In house (HWMP/SOP/LAB/221/A
24	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Liquid/Slurry,Solid,Semi Solid)	Sulphur as S	In house (HWMP/SOP/LAB/221/A
25	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Arsenic as As	USEPA 1998, SW-846; 6010B
26	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Barium as Ba	USEPA 1998, SW-846; 6010B
27	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & Liquid)	Bulk Density	ASTM D 5057-90
28	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Cadmium as Cd	USEPA 1998, SW-846; 6010B
29	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Copper as Cu	USEPA 1998, SW-846; 6010B
30	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Extractable organics	USEPA 1998, SW-846; 3540 C
31	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Flash Point	USEPA 1998, SW-846; 1020 A
32	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Hexavalent Chromium as Cr+6	USEPA 1998, SW-846; 7196A

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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
33	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Lead as Pb	USEPA 1998, SW-846; 6010B
34	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Loss on drying at 105oC	HWMP/SOP/Lab-279
35	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Loss on ignition at 550oC	HWMP/SOP/Lab-280
36	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Manganese as Mn	USEPA 1998, SW-846; 6010B
37	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Mercury as Hg	USEPA 1998, SW-846,6010 B
38	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Moisture content	HWMP/SOP/Lab-278
39	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Nickel as Ni	USEPA 1998, SW-846; 6010B
40	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Paint Filter Liquid Test	USEPA 1998, SW-846; 9095 A
41	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & Liquid)	pH	USEPA 1995 SW-846; 9045 C
42	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Total Chromium as Cr	USEPA 1998, SW-846; 6010B
43	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid)	Zinc as Zn	USEPA 1998, SW-846; 6010B
44	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Arsenic as As	USEPA 1998, SW-846; 6010B
45	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Barium as Ba	USEPA 1998, SW-846; 6010B
46	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Cadmium as Cd	USEPA 1998, SW-846; 6010B

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47	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Copper as Cu	USEPA 1998, SW-846; 6010B
48	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Iron as Fe	APHA 23rd Edition, 3500 Fe B
49	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Lead as Pb	USEPA 1998, SW-846; 6010B
50	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Manganese as Mn	USEPA 1998, SW-846; 6010B
51	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Mercury as Hg	APHA 23rd Edition, 3120 B
52	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Nickel as Ni	USEPA 1998, SW-846; 6010B
53	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Total chromium as Cr	USEPA 1998, SW-846; 6010B
54	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Hazardous waste (Solid & liquid), Toxicity Characteristic Leaching Procedure (TCLP)	Zinc as Zn	USEPA 1998, SW-846; 6010B
55	CHEMICAL- --NO DATA--	Drinking Water	Iron as Fe	APHA 23rd Edition; 3500 Fe B
56	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Acidity	APHA 23rd Edition; 2310 B
57	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Alkalinity as CaCO3	APHA 23rd Edition; 2320 B
58	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Aluminum as Al	APHA 23rd Edition:3120 B,(ICP OES Method)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Arsenic as As	APHA 23rd Edition; 3120B (ICP OES Method)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Barium as Ba	APHA 23rd Edition:3120 B,(ICP OES Method)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Boron as B	APHA 23rd Edition; 3120B(ICP OES Method)
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cadmium Cd	APHA 23rd Edition; 3120B (ICP OES Method)

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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
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Calcium as Ca	APHA 23rd Edition; 3500 Ca B
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chemical Oxygen Demand	APHA 23rd Edition; 5220 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Chlorides as Cl-	APHA 23rd Edition; 4500 Cl- B
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Color	APHA 23rd Edition; 2120 C
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Conductivity	APHA 23rd Edition; 2510 B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Copper as Cu	APHA 23rd Edition; 3120B,(ICP OES Method)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Cyanides Total as CN-	APHA 23rd Edition; 4500 CN- C, E
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Dissolved Oxygen	APHA 23rd Edition; 4500 O C
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fixed solids	APHA 23rd Edition; 2540 E
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Fluorides as F-	APHA 23rd Edition; 4500 F- D
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Hexavalent Chromium as Cr+6	APHA 23rd Edition; 3500 Cr B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Iron as Fe	APHA 23rd Edition; 3500 Fe B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Lead as Pb	APHA 23rd Edition; 3120B, (ICP OES Method)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Magnesium as Mg	APHA 23rd Edition; 3500-Mg B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Manganese as Mn	APHA 23rd Edition; 3120B,(ICP OES Method)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Mercury as Hg	APHA 23rd Edition:3120 B,(ICP OES Method)
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nickel as Ni	APHA 23rd Edition; 3120B, (ICP OES Method)
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrate Nitrogen as NO3	APHA 23rd Edition; 4500 NO3 – B (Colorimetric Method)
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrite Nitrogen as N	APHA 23rd Edition; 4500 NO2 – B (Colorimetric Method)

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82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrogen (Ammonia) as N	APHA 23rd Edition; 4500 NH3 B, C
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Nitrogen (Organic) as N	APHA 23rd Edition; 4500 N (org) B
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Oil & Grease	APHA 23rd Edition; 5520 B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	pH	APHA 23rd Edition; 4500 H+ B
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phenolic Compounds as Phenols	APHA 23rd Edition; 5530 D (Direct Photometric Method)
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Phosphorus as P	APHA 23rd Edition; 4500 P C
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Potassium as K	APHA 23rd Edition; 3500 K B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Residual Free Chlorine as Cl	APHA 23rd Edition; 4500 Cl B
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Selenium as Se	APHA 23rd Edition:3120 B,(ICP OES Method)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Silica as SiO2	APHA 23rd Edition; 4500 SiO2 C
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sodium as Na	APHA 23rd Edition; 3500 Na B
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphates as SO4-2	APHA 23rd Edition; 4500 SO4-2 D
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphide as S-2	APHA 23rd Edition; 4500 S2 F
95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Sulphite as SO3-2	APHA 23rd Edition; 4500 SO3-2, B
96	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Chromium as Cr	APHA 23rd Edition; 3120B (ICP OES Method)
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Dissolved Solids	APHA 23rd Edition, 2510 B
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Hardness as CaCO3	APHA 23rd Edition; 2340 C
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Solids	APHA 23rd Edition; 2540 B
100	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Total Suspended Solids	APHA 23rd Edition; 2540 D

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101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Turbidity	APHA 2130B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Volatile Solids	APHA 23rd Edition; 2540 E
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste water	Zinc as Zn	APHA 23rd Edition; 3120B,(ICP OES Method)
104	CHEMICAL- SOIL AND ROCK	Clays & Soils	Arsenic as As	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
105	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Potassium as	Department of Agriculture and cooperation ministry of agriculture Gov. of India
106	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Sodium as Na	Department of Agriculture and cooperation ministry of agriculture Gov. of India
107	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Calcium as Ca	Department of Agriculture and cooperation ministry of agriculture Gov. of India
108	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Magnesium as Mg	Department of Agriculture and Cooperation Ministry of Agriculture Govt.of India
109	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Nitrogen	Department of Agriculture and cooperation ministry of agriculture Gov. of India
110	CHEMICAL- SOIL AND ROCK	Clays & Soils	Available Phosphorous	Department of Agriculture and cooperation ministry of agriculture Gov. of India
111	CHEMICAL- SOIL AND ROCK	Clays & Soils	Boron as B	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
112	CHEMICAL- SOIL AND ROCK	Clays & Soils	Cadmium as Cd	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
113	CHEMICAL- SOIL AND ROCK	Clays & Soils	Cation Exchange Capacity	IS: 2720 (Part XXIV)
114	CHEMICAL- SOIL AND ROCK	Clays & Soils	Chromium as Cr	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center

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115	CHEMICAL- SOIL AND ROCK	Clays & Soils	Conductivity	IS 14767
116	CHEMICAL- SOIL AND ROCK	Clays & Soils	Copper as Cu	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
117	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of Ammonical, Nitrite and Nitrate Nitrogen	IS 14684
118	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of Soluble Sulphates (gravimetric)	IS : 2720 (Part XXVII) reaffirmed
119	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of Soluble Sulphates (Turbidometry)	IS : 2720 (Part XXVII) reaffirmed
120	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of total Dissolved Solids	IS : 2720 (Part XXI)
121	CHEMICAL- SOIL AND ROCK	Clays & Soils	Determination of Total Kjeldhals Nitrogen	IS 14684
122	CHEMICAL- SOIL AND ROCK	Clays & Soils	Iron as Fe	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
123	CHEMICAL- SOIL AND ROCK	Clays & Soils	Lead as Pb	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
124	CHEMICAL- SOIL AND ROCK	Clays & Soils	Manganese as Mn	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
125	CHEMICAL- SOIL AND ROCK	Clays & Soils	Mercury as Hg	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
126	CHEMICAL- SOIL AND ROCK	Clays & Soils	Moisture Content	IS 15106, ISO 11465
127	CHEMICAL- SOIL AND ROCK	Clays & Soils	Nickel as Ni	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
128	CHEMICAL- SOIL AND ROCK	Clays & Soils	pH	IS: 2720 (Part 26)

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129	CHEMICAL- SOIL AND ROCK	Clays & Soils	Selenium as Se	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
130	CHEMICAL- SOIL AND ROCK	Clays & Soils	Soluble Chlorides as Cl-	Standard methods for the examination of Water and waste water 23rd edition 4500 Cl- B
131	CHEMICAL- SOIL AND ROCK	Clays & Soils	Zinc as Zn	US department of Agriculture, Natural resource Conservation Service, National Soil Survey center
132	CHEMICAL- WATER	Drinking Water	Acidity	APHA 23rd Edition; 2310 B
133	CHEMICAL- WATER	Drinking Water	Alkalinity as CaCO3	APHA 23rd Edition; 2320 B
134	CHEMICAL- WATER	Drinking Water	Aluminum as Al	APHA 23rd Edition3120B(ICPOES METHOD)
135	CHEMICAL- WATER	Drinking Water	Arsenic as As	APHA 23rd Edition; 3120B,(ICP OES Method)
136	CHEMICAL- WATER	Drinking Water	Barium as Ba	APHA 23rd Edition; 3120B,(ICP OES Method)
137	CHEMICAL- WATER	Drinking Water	Boron as B	APHA 23rd Edition; 3120B,(ICP OES Method)
138	CHEMICAL- WATER	Drinking Water	Cadmium as Cd	APHA 23rd Edition; 3120B,(ICP OES Method)
139	CHEMICAL- WATER	Drinking Water	Calcium as Ca	APHA 23rd Edition; 3500 Ca B
140	CHEMICAL- WATER	Drinking Water	Chemical Oxygen Demand	APHA 23rd Edition; 5220 B
141	CHEMICAL- WATER	Drinking Water	Chlorides as Cl-	APHA 23rd Edition; 4500 Cl- C
142	CHEMICAL- WATER	Drinking Water	Color	APHA 23rd Edition; 2120 C
143	CHEMICAL- WATER	Drinking Water	Conductivity	APHA 23rd Edition; 2510 B
144	CHEMICAL- WATER	Drinking Water	Copper as Cu	APHA 23rd Editionm; 3120B,(ICP OES Method)
145	CHEMICAL- WATER	Drinking Water	Cyanides Total as CN	APHA 23rd Edition; 4500 CN- C, E
146	CHEMICAL- WATER	Drinking Water	Dissolved Oxygen	APHA 23rd Edition; 4500 O C
147	CHEMICAL- WATER	Drinking Water	Fixed Solids	APHA 23rd Edition; 2540 E
148	CHEMICAL- WATER	Drinking Water	Fluorides as F-	APHA 23rd Edition; 4500 F- D
149	CHEMICAL- WATER	Drinking Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition; 3500 Cr B

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150	CHEMICAL- WATER	Drinking Water	Lead as Pb	APHA 23rd Edition; 3120B,(ICP OES Method)
151	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	APHA 23rd Edition; 3500-Mg B
152	CHEMICAL- WATER	Drinking Water	Manganese as Mn	APHA 23rd Edition; 3120B,(ICP OES Method)
153	CHEMICAL- WATER	Drinking Water	Mercury as Hg	APHA 23rd Edition:3120 B
154	CHEMICAL- WATER	Drinking Water	Nickel as Ni	APHA 23rd Edition; 3120B,(ICP OES Method)
155	CHEMICAL- WATER	Drinking Water	Nitrate Nitrogen as NO3	APHA 23rd Edition; 4500 NO3-B
156	CHEMICAL- WATER	Drinking Water	Nitrite Nitrogen as N	APHA 23rd Edition; 4500 NO2 – B (Colorimetric Method)
157	CHEMICAL- WATER	Drinking Water	Nitrogen (Ammonia) as N	APHA 23rd Edition; 4500 NH3 B, C
158	CHEMICAL- WATER	Drinking Water	Nitrogen (Organic) as N	APHA 23rd Edition; 4500 N (org) B
159	CHEMICAL- WATER	Drinking Water	Oil & Grease	APHA 23rd Edition; 5520 B
160	CHEMICAL- WATER	Drinking Water	pH	APHA 23rd Edition; 4500 H+ B
161	CHEMICAL- WATER	Drinking Water	Phenolic Compounds as Phenols	APHA 23rd Edition; 5530 D (Direct Photometric Method)
162	CHEMICAL- WATER	Drinking Water	Phosphorus as P	APHA 23rd Edition; 4500 P C
163	CHEMICAL- WATER	Drinking Water	Potassium as K	APHA 23rd Edition; 3500 K B
164	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine as Cl	APHA 23rd Edition; 4500 Cl B
165	CHEMICAL- WATER	Drinking Water	Selenium as Se	APHA 23rd Edition; 3120B,(ICP OES Method)
166	CHEMICAL- WATER	Drinking Water	Silica as SiO2	APHA 23rd Edition; 4500 SiO2 C
167	CHEMICAL- WATER	Drinking Water	Sodium as Na	APHA 23rd Edition; 3500 Na B
168	CHEMICAL- WATER	Drinking Water	Sulphates as SO4-2	APHA 23rd Edition; 4500 SO4-2 D
169	CHEMICAL- WATER	Drinking Water	Sulphide as S-2	APHA 23rd Edition; 4500 S2 F
170	CHEMICAL- WATER	Drinking Water	Sulphite as SO3-2	APHA 23rd Edition; 4500 SO3-2, B
171	CHEMICAL- WATER	Drinking Water	Total Chromium as Cr	APHA 23rd Edition; 3120B,(ICP OES Method)
172	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	APHA 23rd Edition; 2540 C

SCOPE OF ACCREDITATION

Laboratory Name : HYDERABAD WASTE MANAGEMENT PROJECT LABORATORY, TSDF AT 684/1, DUNDIGAL VILLAGE, DUNDIGAL GANDIMAISAMMA MANDAL, MEDCHAL MALKAJGIRI, HYDERABAD, TELANGANA, INDIA

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173	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	APHA 23rd Edition; 2340 C
174	CHEMICAL- WATER	Drinking Water	Total Solids	APHA 23rd Edition; 2540 B
175	CHEMICAL- WATER	Drinking Water	Total Suspended Solids	APHA 23rd Edition; 2540 D
176	CHEMICAL- WATER	Drinking Water	Turbidity	APHA-2130B
177	CHEMICAL- WATER	Drinking Water	Volatile Solids	APHA 23rd Edition; 2540 E
178	CHEMICAL- WATER	Drinking Water	Zinc as Zn	APHA 23rd Edition; 3120B,(ICP OES Method)
179	CHEMICAL- WATER	Ground Water	Acidity	APHA 23rd Edition; 2310 B
180	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23rd Edition; 2320 B
181	CHEMICAL- WATER	Ground Water	Aluminum as Al	APHA 23rd Edition 3120B (ICPOES METHOD)
182	CHEMICAL- WATER	Ground Water	Arsenic as As	APHA 23rd Edition; 3120B, (ICP OES Method)
183	CHEMICAL- WATER	Ground Water	Barium as Ba	APHA 23rd Edition; 3120B, (ICP OES Method)
184	CHEMICAL- WATER	Ground Water	Boron as B	APHA 23rd Edition; 3120B, (ICP OES Method)
185	CHEMICAL- WATER	Ground Water	Cadmium as Cd	APHA 23rd Edition; 3120B,(ICP OES Method)
186	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition; 3500 Ca B
187	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Edition; 5220 B
188	CHEMICAL- WATER	Ground Water	Chlorides as Cl-	APHA 23rd Edition; 4500 Cl- C
189	CHEMICAL- WATER	Ground Water	Color	APHA 23rd Edition; 2120 C
190	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition; 2510 B
191	CHEMICAL- WATER	Ground Water	Copper as Cu	APHA 23rd Editionm; 3120B,(ICP OES Method)
192	CHEMICAL- WATER	Ground Water	Cyanides Total as CN	APHA 23rd Edition; 4500 CN- C, E
193	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Edition; 4500 O C
194	CHEMICAL- WATER	Ground Water	Fixed Solids	APHA 23rd Edition; 2540 E
195	CHEMICAL- WATER	Ground Water	Fluorides as F-	APHA 23rd Edition; 4500 F- D
196	CHEMICAL- WATER	Ground Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition; 3500 Cr B
197	CHEMICAL- WATER	Ground Water	Iron as Fe	APHA 23rd Edition; 3500 Fe B

SCOPE OF ACCREDITATION

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198	CHEMICAL- WATER	Ground Water	Lead as Pb	APHA 23rd Edition; 3120B,(ICP OES Method)
199	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition; 3500-Mg B
200	CHEMICAL- WATER	Ground Water	Manganese as Mn	APHA 23rd Edition; 3120B,(ICP OES Method)
201	CHEMICAL- WATER	Ground Water	Mercury as Hg	APHA 23rd Edition:3120 B
202	CHEMICAL- WATER	Ground Water	Nickel as Ni	APHA 23rd Edition; 3120B,(ICP OES Method)
203	CHEMICAL- WATER	Ground Water	Nitrate Nitrogen as NO3	APHA 23rd Edition; 4500 NO3-B
204	CHEMICAL- WATER	Ground Water	Nitrite Nitrogen as N	APHA 23rd Edition; 4500 NO2 – B (Colorimetric Method)
205	CHEMICAL- WATER	Ground Water	Nitrogen (Ammonia) as N	APHA 23rd Edition; 4500 NH3 B, C
206	CHEMICAL- WATER	Ground Water	Nitrogen (Organic) as N	APHA 23rd Edition; 4500 N (org) B
207	CHEMICAL- WATER	Ground Water	Oil & Grease	APHA 23rd Edition; 5520 B
208	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition; 4500 H+ B
209	CHEMICAL- WATER	Ground Water	Phenolic Compounds as Phenols	APHA 23rd Edition; 5530 D (Direct Photometric Method)
210	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 23rd Edition; 4500 P C
211	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition; 3500 K B
212	CHEMICAL- WATER	Ground Water	Residual Free Chlorine as Cl	APHA 23rd Edition; 4500 Cl B
213	CHEMICAL- WATER	Ground Water	Selenium as Se	APHA 23rd Edition; 3120B,(ICP OES Method)
214	CHEMICAL- WATER	Ground Water	Silica as SiO2	APHA 23rd Edition; 4500 SiO2 C
215	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23rd Edition; 3500 Na B
216	CHEMICAL- WATER	Ground Water	Sulphates as SO4-2	APHA 23rd Edition; 4500 SO4-2 D
217	CHEMICAL- WATER	Ground Water	Sulphide as S-2	APHA 23rd Edition; 4500 S2 F
218	CHEMICAL- WATER	Ground Water	Sulphite as SO3-2	APHA 23rd Edition; 4500 SO3-2, B
219	CHEMICAL- WATER	Ground Water	Total Chromium as Cr	APHA 23rd Edition; 3120B,(ICP OES Method)
220	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition; 2540 C

SCOPE OF ACCREDITATION

Laboratory Name : HYDERABAD WASTE MANAGEMENT PROJECT LABORATORY, TSDF AT 684/1, DUNDIGAL VILLAGE, DUNDIGAL GANDIMAISAMMA MANDAL, MEDCHAL MALKAJGIRI, HYDERABAD, TELANGANA, INDIA

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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
221	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition; 2340 C
222	CHEMICAL- WATER	Ground Water	Total Solids	APHA 23rd Edition; 2540 B
223	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 23rd Edition; 2540 D
224	CHEMICAL- WATER	Ground Water	Turbidity	APHA-2130B
225	CHEMICAL- WATER	Ground Water	Volatile Solids	APHA 23rd Edition; 2540 E
226	CHEMICAL- WATER	Ground Water	Zinc as Zn	APHA 23rd Edition; 3120B,(ICP OES Method)
227	CHEMICAL- WATER	Surface	Total Dissolved Solids	APHA 23rd Edition; 2540 C
228	CHEMICAL- WATER	Surface Water	Acidity	APHA 23rd Edition; 2310 B
229	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23rd Edition; 2320 B
230	CHEMICAL- WATER	Surface Water	Aluminum as Al	APHA 23rd Edition 3120B (ICPOES METHOD)
231	CHEMICAL- WATER	Surface Water	Arsenic as As	APHA 23rd Edition; 3120B,(ICP OES Method)
232	CHEMICAL- WATER	Surface Water	Barium as Ba	APHA 23rd Edition; 3120B, (ICP OES Method)
233	CHEMICAL- WATER	Surface Water	Boron as B	APHA 23rd Edition; 3120B, (ICP OES Method)
234	CHEMICAL- WATER	Surface Water	Cadmium as Cd	APHA 23rd Edition; 3120B,(ICP OES Method)
235	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition; 3500 Ca B
236	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition; 5220 B
237	CHEMICAL- WATER	Surface Water	Chlorides as Cl-	APHA 23rd Edition; 4500 Cl- C
238	CHEMICAL- WATER	Surface Water	Color	APHA 23rd Edition; 2120 C
239	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition; 2510 B
240	CHEMICAL- WATER	Surface Water	Copper as Cu	APHA 23rd Editionm; 3120B,(ICP OES Method)
241	CHEMICAL- WATER	Surface Water	Cyanides Total as CN	APHA 23rd Edition; 4500 CN- C, E
242	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition; 4500 O C
243	CHEMICAL- WATER	Surface Water	Fixed Solids	APHA 23rd Edition; 2540 E
244	CHEMICAL- WATER	Surface Water	Fluorides as F-	APHA 23rd Edition; 4500 F- D
245	CHEMICAL- WATER	Surface Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition; 3500 Cr B
246	CHEMICAL- WATER	Surface Water	Iron as Fe	APHA 23rd Edition; 3500 Fe B

SCOPE OF ACCREDITATION

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247	CHEMICAL- WATER	Surface Water	Lead as Pb	APHA 23rd Edition; 3120B,(ICP OES Method)
248	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition; 3500-Mg B
249	CHEMICAL- WATER	Surface Water	Manganese as Mn	APHA 23rd Edition; 3120B,(ICP OES Method)
250	CHEMICAL- WATER	Surface Water	Mercury as Hg	APHA 23rd Edition:3120 B
251	CHEMICAL- WATER	Surface Water	Nickel as Ni	APHA 23rd Edition; 3120B, (ICP OES Method)
252	CHEMICAL- WATER	Surface Water	Nitrate Nitrogen as NO3	APHA 23rd Edition; 4500 NO3-B
253	CHEMICAL- WATER	Surface Water	Nitrite Nitrogen as N	APHA 23rd Edition; 4500 NO2 – B (Colorimetric Method)
254	CHEMICAL- WATER	Surface Water	Nitrogen (Ammonia) as N	APHA 23rd Edition; 4500 NH3 B, C
255	CHEMICAL- WATER	Surface Water	Nitrogen (Organic) as N	APHA 23rd Edition; 4500 N (org) B
256	CHEMICAL- WATER	Surface Water	Oil & Grease	APHA 23rd Edition; 5520 B
257	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition; 4500 H+ B
258	CHEMICAL- WATER	Surface Water	Phenolic Compounds as Phenols	APHA 23rd Edition; 5530 D (Direct Photometric Method)
259	CHEMICAL- WATER	Surface Water	Phosphorus as P	APHA 23rd Edition; 4500 P C
260	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition; 3500 K B
261	CHEMICAL- WATER	Surface Water	Residual Free Chlorine as Cl	APHA 23rd Edition; 4500 Cl B
262	CHEMICAL- WATER	Surface Water	Selenium as Se	APHA 23rd Edition; 3120B,(ICP OES Method)
263	CHEMICAL- WATER	Surface Water	Silica as SiO2	APHA 23rd Edition; 4500 SiO2 C
264	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition; 3500 Na B
265	CHEMICAL- WATER	Surface Water	Sulphates as SO4-2	APHA 23rd Edition; 4500 SO4-2 D
266	CHEMICAL- WATER	Surface Water	Sulphide as S-2	APHA 23rd Edition; 4500 S2 F
267	CHEMICAL- WATER	Surface Water	Sulphite as SO3-2	APHA 23rd Edition; 4500 SO3-2, B
268	CHEMICAL- WATER	Surface Water	Total Chromium as Cr	APHA 23rd Edition; 3120B, (ICP OES Method)
269	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition; 2340 C

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270	CHEMICAL- WATER	Surface Water	Total Solids	APHA 23rd Edition; 2540 B
271	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 23rd Edition; 2540 D
272	CHEMICAL- WATER	Surface Water	Turbidity	APHA-2130B
273	CHEMICAL- WATER	Surface Water	Volatile Solids	APHA 23rd Edition; 2540 E
274	CHEMICAL- WATER	Surface Water	Zinc as Zn	APHA 23rd Edition; 3120B,(ICP OES Method)