National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MADHYA PRADESH WASTE MANAGEMENT PROJECT LABORATORY, PLOT NO.-104, SECTOR-II, PITHAMPUR, DHAR, MADHYA PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 24/02/2022 to 23/02/2024 **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 as Nitrogen	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic as As	CPCB/NAAQMS/36
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead as Pb	IS 5182(Part 22)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel as Ni	CPCB/NAAQMS/36
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part VI)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone as O3	IS 5182 (Part 9)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part 23)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part II)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels Monitoring	Noise Level-Ambient	IS : 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	DG Set	Noise Level Source	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides Of Nitrogen as NOx	IS : 11255 (Par 7)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS : 11255 (Par 1)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Oxide as SO2	IS 11255 : Part 2
15	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air Monitoring	Ammonia	MPWMP/LAB/STP/10
16	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Arsenic as As	MPWMP/LAB/STP/11
17	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air monitoring	Lead as Pb	IS : 5182 (Part-22)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Nickel as Ni	CPCB-NAAQMS/36/2012-13

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Oxides of Nitrogen	MPWMP/LAB/STP/13
20	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	PM10	MPWMP/LAB/STP/12
21	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	Sulphur Dioxide as SO2	MPWMP/LAB/STP/09
22	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	Total Dust	MPWMP/LAB/STP/14
23	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Fluorides as F	CPCB TSDF Protocol (Extraction), APHA 23rd Edition, 4500 F- D
24	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Zinc as Zn	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
25	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Carbon ac C	MPWMP/LAB/STP/07
26	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ash Content	USEPAN1998 SW-846, 1684
27	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hydrogen as H	MPWMP/LAB/STP/07
28	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nitrogen as N	MPWMP/LAB/STP/07
29	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous waste	Sulphur as S	MPWMP/LAB/STP/07
30	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Total Chloride as Cl	USEPA , SW-846; 5050 & 9253
31	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Arsenic as As -Total	USEPA-3050B, SW 846 -7061 A
32	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Extractable Organics (Oil & Grease)	USEPA-SW846; 3540C
33	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Cadmium as Cd -Total	USEPA -3050B (Acid Digestion), USEPA 7000B, AAS
34	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Calorific Value	IS:1350 Part II
35	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Cobalt as Co-Total	USEPA -3050B (Acid Digestion), USEPA 7000B, AAS
36	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Copper as Cu-Total	USEPA -3050 A(Acid Digestion), USEPA 7000B, AAS

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37	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Flash Point	USEPA 1020A
38	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Iron as Fe-Total	USEPA -3050B (Acid Digestion) AAS
39	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Lead as Pb-Total	USEPA -3050B (Acid Digestion), USEPA 7000B, AAS
40	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Manganese as Mn-Total	USEPA -3050B (Acid Digestion), USEPA 7000B, AAS
41	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Moisture content	IS 2362
42	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Nickel as Ni-Total	USEPA -3050B (Acid Digestion), USEPA 7000B, AAS
43	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Paint Filter Liquid Test	USEPA, SW-846; 9095 A
44	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	pH	USEPA SW-846; 9045 D
45	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Reactive Sulfide as H2S	USEPA, SW-846; 9030B (Distillation), USEPA, SW-846; 9034
46	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Total Chromium as Cr	USEPA-3050B (Acid Degestion), USEPA 7000B, AAS
47	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Total Mercury as Hg	USEPA-3050B (Acid Digestion), SW846 7471A, AAS
48	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Total Sulfide as S-2	USEPA, SW-846; 9215
49	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Water soluble halides (as Cl-)	USEPA, SW-846; 9253
50	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Wastes	Zinc as Zn-Total	USEPA-3050B (Acid Degestion), USEPA 7000B, AAS
51	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Ammonical Nitrogen as NH3 by WLT	CPCB TSDF Protocol (Extraction),APHA 23rd Edition , 4500 NH3 B,C
52	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Arsenic as As by WLT	CPCB TSDF Protocol (Extraction), SW846, 7061A, AAS
53	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Cadmium as Cd by WLT	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS

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54	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Chromium as Cr	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
55	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Cobalt as Co	CPCB TSDF Protocol (Extraction), SW846, 7000B, AAS
56	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Copper as Cu	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
57	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Cyanide as CN	CPCB TSDF Protocol (Extraction),APHA 23rd Edition 4500CN-C, E
58	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Hexavalent Chromium as Cr+6	CPCB TSDF Protocol (Extraction), APHA 23rd Edition, ; 3500 Cr B
59	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Iron as Fe by WLT	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
60	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Lead as Pb	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
61	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Manganese as Mn	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
62	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Mercury as Hg	CPCB TSDF Protocol (Extraction), SW846, 7471A, AAS:
63	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Nickel as Ni	CPCB TSDF Protocol (Extraction), USEPA SW846, 7000B:AAS
64	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Nitrate Nitrogen as NO3	CPCB TSDF Protocol (Extraction), APHA 23rd Edition, 4500 NO3- B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Leachate	Phenolic Compound as C6H5OH	CPCB TSDF Protocol (Extraction), APHA 23rd Edition 5530 D
66	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Arsenic as As	EPA 3051B/MPWMP/LAB/STP/09
67	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Available Phosphorus	MPWMP/LAB/STP/03

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68	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Available Potassium as K	MPWMP/LAB/STP/04
69	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Cadmium as Cd	EPA 3050B/APHA 23rd 3111B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Cation Exchange capacity of soil	IS : 2720 (Part-24)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Conductivity	IS : 14767
72	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Copper as Cu	EPA 3050B/APHA 23rd 3111B: 2017
73	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Iron as Fe	EPA 3050B/APHA 23rd 3111B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Lead as Pb	EPA 3050B/APHA 23rd 3111B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Manganese as Mn	EPA 3050B/APHA 23rd 3111B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Mercury as Hg	EPA 3051A/APHA 23rd 3112B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Moisture content	IS : 15106
78	CHEMICAL- POLLUTION & ENVIRONMENT	soil/Sediment	Nickel as Ni	EPA 3050B/APHA 23rd 3111B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	pH	USEPA SW-846; 9045 D
80	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Soluble Chloride as Cl-	MPWMP/LAB/STP/05
81	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Soluble Sulphates	IS : 2720 (Part 26)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Chromium as Cr	EPA 3050B/APHA 23rd 3111B: 2017
83	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Kjeldhal Nitrogen	IS : 14684
84	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Total Organic Carbon	IS : 2720 (Part 22)
85	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Zinc as Zn	EPA 3050B/APHA 23rd 3111B
86	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Ammonical Nitrogen as NH3 by TCLP	USEPA-1311 (Extraction), APHA 23rd Edition 4500 NH3 B,C

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87	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Arsenic as As	USEPA 1311 (Extraction), USEPA SW846, 7061A
88	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Cadmium as Cd	USEPA-1311 (Extraction), USEPA 7000B,AAS
89	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Chromium as Cr	USEPA-1311 (Extraction), USEPA 7000B, AAS
90	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Cobalt as Co	USEPA-1311(Extraction), USEPA7000B, AAS
91	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Copper as Cu	USEPA-1311 (Extraction), USEPA 7000B, AAS
92	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Cyanide as CN	USEPA 1311 (Extraction), APHA 23rd Edition 4500CN-C, E
93	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Hexavalent Chromium	USEPA-1311 (Extraction),APHA 23rd Edition , 3500 Cr-B
94	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Iron as Fe	USEPA-1311 (Extraction), USEPA 7000B, AAS
95	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Lead as Pb	USEPA-1311 (Extraction), USEPA 7000B, AAS
96	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Manganese as Mn	USEPA-1311 (Extraction), USEPA 7000B, AAS
97	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Mercury as Hg	USEPA-1311 (Extraction), USEPA 7471A, AAS
98	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Nickel as Ni	USEPA-1311 (Extraction), USEPA 7000B, AAS
99	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Nitrate Nitrogen as NO3	USEPA-1311 (Extraction),APHA 23rd Edition, 4500 NO3- B
100	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Phosphate as P	APHA 23rd Edition, 4500 P D
101	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Reactive Cyanide as HCN	USEPA, SW-846; 9010B (Distillation), APHA 23rd Edition, 4500-CN E
102	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Spot Test for Cyanide	APHA 23rd Edition; 4500 CN K
103	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Spot Test for Sulphide	APHA 23rd Edition; 4500 S2- A (Spot Identification)
104	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 D

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105	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Sulphide	USEPA 1311 (Extraction), APHA 23rd Edition 2017, 4500 S-2, F
106	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Total Cyanide as CN-	USEPA, SW-846; 9010C, APHA 23rd Edition; 2017, 4500 CN E
107	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Total Fluoride as F	USEPA-1311 (Extraction), APHA 23rd Edition 4500 F-D
108	CHEMICAL- POLLUTION & ENVIRONMENT	TCLP Leachate	Zinc as Zn	USEPA-1311(Extraction), USEPA-7000B, AASA
109	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammonical Nitrogen	APHA 23rd Edition, 4500 NH3, C
112	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic as As	APHA 23rd, Edition, 3114-B
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Bioassay Test	IS 6582
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (3 DAYS AT 27OC)	IS : 3025 (Part 44)
115	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Cadmium Cd	APHA 23rd Edition,3111
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23rd Edition, 3500 Ca B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition,5220 B
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B & C
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cobalt as Co	APHA 23rd Edition; 3111 B
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA 23rd Edition, 2510 B
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	APHA 23rd Edition, 3111 B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O C
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids at 550 deg C	APHA 23rd Edition, 2540 E

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124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition, 3500 Cr B
126	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Iron as Fe	APHA 23rd Edition, 3111 B
127	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Lead as Pb	APHA 23rd Edition, 3111 B
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edition,3500-Mg B
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	APHA 23rd Edition, 3111 B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury as Hg	APHA 23rd, Edition, 3112-B
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Edition, 3111 B
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen as NO3-	IS 3025 (Part 34) Method 3.2
133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 23rd Edition; 4500 B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition, 5520 B
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition, 4500 H+, B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compound as C6H5OH	APHA 23rd Edition, 5530, B & D
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate as P	APHA 23rd Edition, 4500 P D
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23rd Edition, 3500 K B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine as Cl	APHA 23rd Edition,; 4500 Cl B:
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23rd Edition, 3500 Na B
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphates as SO4-2	APHA 23rd Edition,4500 SO4-2 D
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition,2550 B

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143	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water	Total Chromium as Cr	APHA 23rd Edition, ; 3111 B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Cyanide as CN-	APHA 23rd Edition; 4500 C, E
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids at 180 degC	APHA 23rd Edition, 2540 C
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjedahl Nitrogen as N	APHA 23rd Edition, 2017;4500-Norg, B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Edition, 2540 B
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Sulphide as S-2	APHA 23rd Edition; 4500 F
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition, 2540 D
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids at 550 deg C	APHA 23rd Edition, 2540 E
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Edition, 3111 B
153	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes	Bulk Density/Specific Gravity	APHA 23rd Edition 2710 F
154	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes	Loss on drying at 105 deg C	APHA 23rd Edition, 2540
155	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes	Loss on ignition at 550oC	APHA 23rd Edition, 2540
156	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic as As	IS 3025 (Part 37), AAS Method
157	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium as Cd	IS : 3025 (Part 41), AAS Method
158	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	IS 3025 (Part 42), AAS Method
159	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53), AAS method
160	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	IS 3025 (Part 47), AAS Method
161	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel as Ni	IS 3025 (Part 54), AAS 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
162	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium as Cr	IS 3025 (Part 52), AAS Method
163	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	IS 3025 (Part 49), AAS Method
164	CHEMICAL- RESIDUES IN WATER	Metal in Water	Cadmium Cd	APHA 23rd Edition, 3111
165	CHEMICAL- RESIDUES IN WATER	Metal in Water	Copper as Cu	APHA 23rd Edition, 3111 B
166	CHEMICAL- RESIDUES IN WATER	Metal in Water	Iron as Fe	APHA 23rd Edition, 3111 B
167	CHEMICAL- RESIDUES IN WATER	Metal in Water	Lead as Pb	APHA 23rd Edition,3111 B
168	CHEMICAL- RESIDUES IN WATER	Metal in Water	Manganese as Mn	APHA 23rd Edition, 3111 B
169	CHEMICAL- RESIDUES IN WATER	Metal in Water	Total Chromium as Cr	APHA 23rd Edition,3111 B
170	CHEMICAL- RESIDUES IN WATER	Metal in Water	Zinc as Zn	APHA 23rd Edition, 3111 B
171	CHEMICAL- RESIDUES IN WATER	Metals in Water	Nickel as Ni	APHA 23rd Edition, 3111 B :
172	CHEMICAL- WATER	Drinking Water	Ammonia Nitrogen as N	IS 3025 (Part 34), (Titrimetric method)
173	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS : 3025 (Part 40), EDTA Titrimetric method
174	CHEMICAL- WATER	Drinking Water	Chloramines as Cl2	IS 3025 (Part 26),
175	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	IS 3025 (Part 32), Argentometric Method
176	CHEMICAL- WATER	Drinking Water	Colour	IS : 3025 Part 4 (Platinum cobalt (visual-comparison) method,)
177	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS 3025 (Part 27), Distillation & UV method
178	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 (Part 60), Zirconium alizarin method with/without distillation
179	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46),EDTA method
180	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34), UV method
181	CHEMICAL- WATER	Drinking Water	Odoour	IS : 3025(Part 5)

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182	CHEMICAL- WATER	Drinking Water	pH Value	IS : 3025 (Part 11)
183	CHEMICAL- WATER	Drinking Water	Phenolic Compound as C6H5OH	IS 3025 (Part 43), (Amino Antipyrene method with chloroform)
184	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine as Cl2	IS 3025 (Part 26)
185	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS : 3025 (Part 24), Turbidity method
186	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	IS 3025 (Part 29), (Iodometric Method)
187	CHEMICAL- WATER	Drinking Water	Taste	IS : 3025 (Part 7 & 8)
188	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCo3	IS 3025 (Part 23)
189	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS : 3025 (Part 16)
190	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCo3	IS : 3025 (Part 21), EDTA Method
191	CHEMICAL- WATER	Surface & Ground Water	Acidity as CaCO3	APHA 23rd Edition, 2310 B
192	CHEMICAL- WATER	Surface & Ground Water	Alkalinity as CaCO3	APHA 23rd Edition, 2320 B
193	CHEMICAL- WATER	Surface & Ground Water	Ammonical Nitrogen as NH3	APHA 23rd Edition, 4500 NH3, C
194	CHEMICAL- WATER	Surface & Ground Water	Biochemical Oxygen Demand 3 DAYS AT 27 deg C	IS 3025 (Part 44)
195	CHEMICAL- WATER	Surface & Ground Water	Biochemical Oxygen Demand (5 Days at 20oC)	APHA 23rd Edition, 5210 B, 4500-O. C
196	CHEMICAL- WATER	Surface & Ground Water	Calcium as Ca	APHA 23rd Edition, 3500 Ca B
197	CHEMICAL- WATER	Surface & Ground Water	Chemical Oxygen Demand	APHA 23rd Edition, 5220 B
198	CHEMICAL- WATER	Surface & Ground Water	Chlorides as Cl-	APHA 23rd Edition, 4500 Cl- B & C
199	CHEMICAL- WATER	Surface & Ground Water	Colour	APHA 23rd Edition, 2120B (Visual Comparison
200	CHEMICAL- WATER	Surface & Ground Water	Conductivity	APHA 23rd Edition, 2510 B
201	CHEMICAL- WATER	Surface & Ground Water	Dissolved Oxygen	APHA 23rd Edition, 4500 O C
202	CHEMICAL- WATER	Surface & Ground Water	Fixed Solids at 550 deg C	APHA 23rd Edition, 2540 E
203	CHEMICAL- WATER	Surface & Ground Water	Fluorides as F-	APHA 23rd Edition, 4500 F- D
204	CHEMICAL- WATER	Surface & Ground Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition,3500 Cr B
205	CHEMICAL- WATER	Surface & Ground Water	Magnesium as Mg	APHA 23rd Edition, 3500-Mg B

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206	CHEMICAL- WATER	Surface & Ground Water	Nitrates as NO3	APHA 23rd Edition,4500 NO3- B
207	CHEMICAL- WATER	Surface & Ground Water	Nitrite as NO2	APHA 23rd Edition; 4500 B
208	CHEMICAL- WATER	Surface & Ground Water	Oil & Grease	APHA 23rd Edition, 5520 B
209	CHEMICAL- WATER	Surface & Ground Water	pH	APHA 23rd Edition,4500 H+ B
210	CHEMICAL- WATER	Surface & Ground Water	Phenolic Compound as C6H5OH	APHA 23rd Edition, 5530 D
211	CHEMICAL- WATER	Surface & Ground Water	Phosphorus as P	APHA 23rd Edition,4500 P D
212	CHEMICAL- WATER	Surface & Ground Water	Potassium as K	APHA 23rd Edition, 3500 K B
213	CHEMICAL- WATER	Surface & Ground Water	Residual Chlorine as Cl	APHA 23rd Edition, 4500 Cl B
214	CHEMICAL- WATER	Surface & Ground Water	Sodium as Na	APHA 23rd Edition, 3500 Na B
215	CHEMICAL- WATER	Surface & Ground Water	Sulphates as SO4-2	APHA 23rd Edition, 4500 SO4-2 D
216	CHEMICAL- WATER	Surface & Ground Water	Temperature	APHA 23rd Edition, 2550 B
217	CHEMICAL- WATER	Surface & Ground Water	Total Dissolved Solids at 180 deg C	APHA 23rd Edition, 2540 C
218	CHEMICAL- WATER	Surface & Ground Water	Total Hardness as CaCO3	APHA 23rd Edition, 2340 C
219	CHEMICAL- WATER	Surface & Ground Water	Total Solids at 103-105 deg C	APHA 23rd Edition, 2540 B
220	CHEMICAL- WATER	Surface & Ground Water	Total Sulphide as S-2	APHA 23rd Edition; 4500 F
221	CHEMICAL- WATER	Surface & Ground Water	Total Suspended Solids at 105 deg C	APHA 23rd Edition, 2540 D
222	CHEMICAL- WATER	Surface & Ground Water	Volatile Solids at 550 deg C	APHA 23rd Edition, 2540

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as Nitrogen	IS 5182 Part 25
2	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Arsenic as As	CPCB/NAAQMS/36
3	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead as Pb	IS 5182(Part 22)
4	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nickel as Ni	CPCB/NAAQMS/36
5	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Oxides of Nitrogen	IS 5182 (Part VI)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone as O3	IS 5182 (Part 9)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	PM10	IS 5182 (Part 23)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide	IS 5182 (Part II)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels Monitoring	Noise Level-Ambient	IS : 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	DG Set	Noise Level Source	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia	IS 11255 (Part 6)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides Of Nitrogen as NOx	IS : 11255 (Par 7)
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS : 11255 (Par 1)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Oxide as SO2	IS 11255 : Part 2
15	CHEMICAL- ATMOSPHERIC POLLUTION	Work zone air Monitoring	Ammonia	MPWMP/LAB/STP/10
16	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Arsenic as As	MPWMP/LAB/STP/11
17	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air monitoring	Lead as Pb	IS : 5182 (Part-22)
18	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Nickel as Ni	CPCB-NAAQMS/36/2012-13

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone air Monitoring	Oxides of Nitrogen	MPWMP/LAB/STP/13
20	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	PM10	MPWMP/LAB/STP/12
21	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	Sulphur Dioxide as SO2	MPWMP/LAB/STP/09
22	CHEMICAL- ATMOSPHERIC POLLUTION	Workzone Air Monitoring	Total Dust	MPWMP/LAB/STP/14