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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	Ammonia as NH3	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 6)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	IS 5182 (Part 9)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 2)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise Level (Excluding Vibration)	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level (Excluding Vibration) (DG Set)	Source Noise Level (Excluding Vibration)	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia as NH3	IS 11255 (Part 6)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide as CO	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS 11255 (Part 2)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Ammonia as NH3	PIWMPL/LAB/STP/10, Issue No. 1, Issue Date: 22.07.2022
18	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Arsenic as As	PIWMPL/LAB/STP/11, Issue No. 1, Issue Date: 22.07.2022

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Lead as Pb	IS 5182 (Part 22)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Nickel as Ni	CPCB/NAAQMS/36
21	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Oxides of Nitrogen as NO2	PIWMPL/LAB/STP/13, Issue No. 1, Issue Date: 22.07.2022
22	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Particulate Matter (PM10)	PIWMPL/LAB/STP/12, Issue No. 1, Issue Date: 22.07.2022
23	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Sulphur Dioxide as SO2	PIWMPL/LAB/STP/15, Issue No. 1, Issue Date: 22.07.2022
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Total Dust	PIWMPL/LAB/STP/14, Issue No. 1, Issue Date: 22.07.2022
25	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ammoniacal Nitrogen as NH3 (by WLT)	CPCB TSDF Protocol (Extraction) / APHA 23rd Edition 4500-NH3 B & C
26	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ammonical Nitrogen as NH3 (by TCLP)	USEPA SW-846 (1311) (Extraction) / APHA 23rd Edition 4500-NH3 B & C
27	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Arsenic as As (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7061A)
28	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Arsenic as As (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7061A)
29	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Ash Content	USEPA SW-846 (1684)
30	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Bulk Density / Specific Gravity	APHA 23rd Edition 2710 F
31	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd (by TCLP)	USEPA SW-846 (1311) / USEPA SW-846 (7000B)
32	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd (by WLT)	CPCB TSDF Protocol / USEPA SW-846 (7000B)
33	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cadmium as Cd (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
34	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Calorific Value	PIWMPL/LAB/STP/44, Issue No. 1, Issue Date: 23.11.2022
35	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Carbon as C	PIWMPL/LAB/STP/07, Issue No. 1, Issue Date: 22.07.2022

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36	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chloride as Cl-	USEPA SW-846 (9253)
37	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chromium as Cr (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
38	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chromium as Cr (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)
39	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Chromium as Cr (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
40	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cobalt as Co (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
41	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cobalt as Co (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)
42	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cobalt as Co (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
43	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
44	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW846 (7000B) (AAS)
45	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Copper as Cu (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
46	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cyanide as CN (by TCLP)	USEPA SW-846 (1311) / APHA 23rd Edition 4500-CN C & E
47	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Cyanide as CN (by WLT)	CPCB TSDF Protocol / APHA 23rd Edition 4500-CN C & E
48	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Extractable Organics (Oil and Grease)	USEPA SW-846 (3540C)
49	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Flash Point	USEPA SW-846 (1020A)
50	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Fluoride as F (by TCLP)	USEPA SW-846 (1311) (Extraction) / APHA 23rd Edition 4500-F B & D

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51	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Fluorides as F (by WLT)	CPCB TSDF Protocol (Extraction) / APHA 23rd Edition 4500-F B & D
52	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hexavalent Chromium as Cr6+ (by TCLP)	USEPA SW-846 (1311) (Extraction) / APHA 23rd Edition 3500-Cr B
53	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hexavalent Chromium as Cr6+ (by WLT)	CPCB TSDF Protocol (Extraction) / APHA 23rd Edition 3500-Cr B
54	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Hydrogen as H	PIWMPL/LAB/STP/07, Issue No. 1, Issue Date: 22.07.2022
55	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Iron as Fe (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
56	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Iron as Fe (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)
57	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Iron as Fe (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
58	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
59	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)
60	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Lead as Pb (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
61	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on Drying (at 105 °C)	APHA 23rd Edition 2540
62	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Loss on ignition (at 550 °C)	APHA 23rd Edition 2540 E
63	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Manganese as Mn (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Manganese as Mn (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)

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65	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Manganese as Mn (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
66	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Mercury as Hg (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7471A) (AAS)
67	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Mercury as Hg (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7471A) (AAS)
68	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Moisture Content	IS 326 (Part 21)
69	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
70	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000) (AAS)
71	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nickel as Ni (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
72	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nitrate Nitrogen as NO3- (by TCLP)	USEPA SW-846 (1311) (Extraction) / APHA 23rd Edition 4500-NO3 B
73	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nitrate Nitrogen as NO3- (by WLT)	CPCB TSDF Protocol (Extraction) / APHA 23rdEdition 4500-NO3 B
74	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Nitrogen as N	PIWMPL/LAB/STP/07, Issue No. 1, Issue Date: 22.07.2022
75	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Organic Halogen as Chloride	USEPA SW-846 (5050 & 9253)
76	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Paint Filter Liquid Test	USEPA SW-846 (9095A)
77	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	pH	USEPA SW-846 (9045D)
78	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Phenolic Compound as C6H5OH (by WLT)	CPCB TSDF Protocol (Extraction) / APHA 23rd Edition 5530 C & D
79	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Phosphorus as P	APHA 23rd Edition 4500-P D

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80	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Reactive Cyanide as HCN	USEPA SW-846 (9010B) / APHA 23rd Edition 4500-CN E
81	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Reactive Sulfide as H2S	USEPA SW-846 (9030B) (Distillation) / USEPA SW-846 (9034)
82	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Spot Test for Cyanide	APHA 23rd Edition 4500-CN K
83	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Spot Test For Sulfide	APHA 23rd Edition 4500-S2- (Spot Identification)
84	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Sulfide as S2- (by TCLP)	USEPA SW-846 (1311) (Extraction) / APHA 23rd Edition 4500-S2- F
85	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Sulphates as SO4-2	APHA 23rd Edition 4500-SO4-2 D
86	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Sulphur as S	PIWMPL/LAB/STP/07, Issue No. 1, Issue Date: 22.07.2022
87	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Total Arsenic as As	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7061A)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Total Mercury as Hg	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7471A) (AAS)
89	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn (by TCLP)	USEPA SW-846 (1311) (Extraction) / USEPA SW-846 (7000B) (AAS)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn (by WLT)	CPCB TSDF Protocol (Extraction) / USEPA SW-846 (7000B) (AAS)
91	CHEMICAL- POLLUTION & ENVIRONMENT	Hazardous Waste	Zinc as Zn (Total)	USEPA SW-846 (3050B) (Acid Digestion) / USEPA SW-846 (7000B) (AAS)
92	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Arsenic as As	PIWMPL/LAB/STP/27, Issue No. 1, Issue Date: 22.07.2022
93	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Arsenic as As	USEPA SW-846 (3051B) / PIWMPL/LAB/STP/09, Issue No. 1, Issue Date: 22.07.2022
94	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Available Phosphorus	PIWMPL/LAB/STP/03, Issue No. 1, Issue Date: 22.07.2022
95	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Available Potassium as K	PIWMPL/LAB/STP/04, Issue No. 1, Issue Date: 22.07.2022

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96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Cadmium as Cd	EPA 3050B / APHA 23rd Edition 3111B
97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Cation Exchange Capacity	IS 2720 (Part 24)
98	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Conductivity	IS 14767
99	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Copper as Cu	EPA 3050B / APHA 23rd Edition 3111B
100	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Iron as Fe	EPA 3050B / APHA 23rd Edition 3111B
101	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Lead as Pb	EPA 3050B / APHA 23rd Edition 3111B
102	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Manganese as Mn	EPA 3050B / APHA 23rd Edition 3111B
103	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Mercury as Hg	PIWMPL/LAB/STP/32, Issue No. 1, Issue Date: 22.07.2022
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Moisture Content	IS 15106
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Nickel as Ni	EPA 3050B / APHA 23rd Edition 3111B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	pH	USEPA SW-846 (9045D)
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Soluble chlorides as Cl-	PIWMPL/LAB/STP/05, Issue No. 1, Issue Date: 22.07.2022
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Soluble Sulphate	IS 2720 (Part 26)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Total Chromium as Cr	EPA 3050B / APHA 23rd Edition 3111B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Total Kjeldhal Nitrogen	IS 14684
111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Total Organic Carbon	IS 2720 (Part 22)
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil and Sediments	Zinc as Zn	EPA 3050B / APHA 23rd Edition 3111B
113	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Acidity as CaCO3	APHA 23rd Edition 2310 B
114	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Alkalinity as CaCO3	APHA 23rd Edition 2320 B

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115	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Ammoniacal Nitrogen	APHA 23rd Edition 4500-NH3 B & C
116	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Arsenic as As	APHA 23rd Edition 3114 B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Biochemical Oxygen Demand (03 Days at 27 °C)	IS 3025 (Part 44)
118	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cadmium as Cd	APHA 23rd Edition 3111 B
119	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Calcium as Ca	APHA 23rd Edition 3500-Ca B
120	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
121	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Chlorides as Cl-	APHA 23rd Edition 4500-Cl B & C
122	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Cobalt as Co	APHA 23rd Edition 3111 B
123	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Conductivity	APHA 23rd Edition 2510 B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Copper as Cu	APHA 23rd Edition 3111 B
125	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
126	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Effluents Toxicity (Bioassay only Qualitative - 90% Survival of Fish after 96 hours in 100% effluent)	IS 6582
127	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fixed Solids (At 550 °C)	APHA 23rd Edition 2540 E
128	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Fluorides as F-	APHA 23rd Edition 4500-F D
129	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition 3500-Cr B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Iron as Fe	APHA 23rd Edition 3111 B
131	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Lead as Pb	APHA 23rd Edition 3111 B
132	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B

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133	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Manganese as Mn	APHA 23rd Edition 3111 B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Mercury as Hg	APHA 23rd Edition 3112 B
135	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nickel as Ni	APHA 23rd Edition 3111 B
136	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrate Nitrogen as NO3-	APHA 23rd Edition 4500-NO3- B
137	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Nitrite as NO2	APHA 23rd Edition 4500 B
138	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Oil & Grease	APHA 23rd Edition 5520 B
139	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	pH	APHA 23rd Edition 4500-H+ B
140	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phenolic Compounds as C6H5OH	APHA 23rd Edition 5530 B & D
141	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphorus	APHA 23rd Edition 4500-P D
142	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Potassium as K	APHA 23rd Edition 3500-K B
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Residual Chlorine as Cl	APHA 23rd Edition 4500-Cl B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sodium as Na	APHA 23rd Edition 3500-Na B
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Sulphates as SO4-2	APHA 23rd Edition 4500-SO4-2 E
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2550 B
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Chromium as Cr	APHA 23rd Edition 3111 B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Cyanide as CN-	APHA 23rd Edition 4500-CN C & E
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Dissolved Solids (Dried at 180 °C)	APHA 23rd Edition 2540 C
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Kjeldahl Nitrogen as N	APHA 23rd Edition 4500-Norg B

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152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Solids	APHA 23rd Edition 2540 B
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Sulfide as S2-	APHA 23rd Edition 4500-S2- F
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Total Suspended Solids	APHA 23rd Edition 2540 D
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Volatile Solids (At 550 °C)	APHA 23rd Edition 2540 E
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Zinc as Zn	APHA 23rd Edition 3111 B
157	CHEMICAL- RESIDUES IN WATER	Drinking Water	Cadmium as Cd	IS 3025 (Part 41)
158	CHEMICAL- RESIDUES IN WATER	Drinking Water	Arsenic as As	IS 3025 (Part 37)
159	CHEMICAL- RESIDUES IN WATER	Drinking Water	Copper as Cu	IS 3025 (Part 42)
160	CHEMICAL- RESIDUES IN WATER	Drinking Water	Iron as Fe	IS 3025 (Part 53)
161	CHEMICAL- RESIDUES IN WATER	Drinking Water	Lead as Pb	IS 3025 (Part 47)
162	CHEMICAL- RESIDUES IN WATER	Drinking Water	Nickel as Ni	IS 3025 (Part 54)
163	CHEMICAL- RESIDUES IN WATER	Drinking Water	Total Chromium as Cr	IS 3025 (Part 52)
164	CHEMICAL- RESIDUES IN WATER	Drinking Water	Zinc as Zn	IS 3025 (Part 49)
165	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Manganese as Mn	APHA 23rd Edition 3111B
166	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Arsenic as As	APHA 23rd Edition 3114B
167	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Cadmium as Cd	APHA 23rd Edition 3111B
168	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Cobalt as Co	APHA 23rd Edition 3111B
169	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Copper as Cu	APHA 23rd Edition 3111B
170	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Iron as Fe	APHA 23rd Edition 3111B

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171	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Lead as Pb	APHA 23rd Edition 3111B
172	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Mercury as Hg	APHA 23rd Edition 3112B
173	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Nickel as Ni	APHA 23rd Edition 3111B
174	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Total Chromium as Cr	APHA 23rd Edition 3111B
175	CHEMICAL- RESIDUES IN WATER	Surface and Ground Water	Zinc as Zn	APHA 23rd Edition 3111B
176	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen as N	IS 3025 (Part 34)
177	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 (Part 40)
178	CHEMICAL- WATER	Drinking Water	Chloramines as Cl2	IS 3025 (Part 26)
179	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	IS 3025 (Part 32)
180	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (Part 4)
181	CHEMICAL- WATER	Drinking Water	Cyanide as CN	IS 3025 (Part 27)
182	CHEMICAL- WATER	Drinking Water	Fluoride as F-	IS 3025 (Part 60)
183	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 (Part 46)
184	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	IS 3025 (Part 34)
185	CHEMICAL- WATER	Drinking Water	Odour	IS 3025 (Part 5)
186	CHEMICAL- WATER	Drinking Water	pH	IS 3025 (Part 11)
187	CHEMICAL- WATER	Drinking Water	Phenolic Compounds as C6H5OH	IS 3025 (Part 43, Section 1)
188	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine as Cl2	IS 3025 (Part 26)
189	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025 (Part 24, Section 1)
190	CHEMICAL- WATER	Drinking Water	Sulphide as H2S	IS 3025 (Part 29)
191	CHEMICAL- WATER	Drinking Water	Taste	IS 3025 (Part 7)
192	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 (Part 23)
193	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (Part 16)
194	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 (Part 21) (EDTA method)
195	CHEMICAL- WATER	Ground Water	Acidity as CaCo3	APHA 23rd Edition 2310B
196	CHEMICAL- WATER	Ground Water	Alkalinity as CaCO3	APHA 23rd Edition 2320B

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197	CHEMICAL- WATER	Ground Water	Ammonical Nitrogen as NH3	APHA 23rd Edition 4500-NH3 C
198	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (03 Days at 27 °C)	IS 3025 (Part 44)
199	CHEMICAL- WATER	Ground Water	Calcium as Ca	APHA 23rd Edition 3500-Ca B
200	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
201	CHEMICAL- WATER	Ground Water	Chlorides as Cl-	APHA 23rd Edition 4500-Cl
202	CHEMICAL- WATER	Ground Water	Colour	APHA 23rd Edition 2120B (Visual Comparison)
203	CHEMICAL- WATER	Ground Water	Conductivity	APHA 23rd Edition 2510B
204	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
205	CHEMICAL- WATER	Ground Water	Fixed Solids (at 550 °C)	APHA 23rd Edition 2540E
206	CHEMICAL- WATER	Ground Water	Fluorides as F-	APHA 23rd Edition 4500-F D
207	CHEMICAL- WATER	Ground Water	Hexavalent Chromium as Cr+6	APHA 23rd Edition 3500-Cr B
208	CHEMICAL- WATER	Ground Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B
209	CHEMICAL- WATER	Ground Water	Nitrate as NO3-	APHA 23rd Edition 4500-NO3 B
210	CHEMICAL- WATER	Ground Water	Nitrite	APHA 23rd Edition 4500 B
211	CHEMICAL- WATER	Ground Water	Oil and Grease	APHA 23rd Edition 5520 B
212	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500-H+ B
213	CHEMICAL- WATER	Ground Water	Phenolic Compounds as C6H5OH	APHA 23rd Edition 5530D
214	CHEMICAL- WATER	Ground Water	Phosphorus as P	APHA 23rd Edition 4500-P D
215	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition 3500-K B
216	CHEMICAL- WATER	Ground Water	Residual Chlorine as Cl	APHA 23rd Edition 4500-Cl B
217	CHEMICAL- WATER	Ground Water	Sodium as Na	APHA 23rd Edition 3500-Na B
218	CHEMICAL- WATER	Ground Water	Sulphates as SO4	APHA 23rd Edition 4500-SO4 D
219	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550B
220	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 23rd Edition 2540C
221	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	APHA 23rd Edition 2340C
222	CHEMICAL- WATER	Ground Water	Total Solids (at 103 °C)	APHA 23rd Edition 2540
223	CHEMICAL- WATER	Ground Water	Total Sulfide as S2-	APHA 23rd Edition 4500-S2- F
224	CHEMICAL- WATER	Ground Water	Total Suspended Solids (at 105 °C)	APHA 23rd Edition 2540D

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225	CHEMICAL- WATER	Ground Water	Volatile Solids (at 550 °C)	APHA 23rd Edition 2540
226	CHEMICAL- WATER	Surface Water	Total Sulfide as S2-	APHA 23rd Edition 4500-S2- F
227	CHEMICAL- WATER	Surface Water	Acidity as CaCO3	APHA 23rd Edition 2310B
228	CHEMICAL- WATER	Surface Water	Alkalinity as CaCO3	APHA 23rd Edition 2320B
229	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as NH3	APHA 23rd Edition 4500-NH3 C
230	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (03 Days at 27 °C)	IS 3025 (Part 44)
231	CHEMICAL- WATER	Surface Water	Calcium as Ca	APHA 23rd Edition 3500-Ca B
232	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand	APHA 23rd Edition 5220 B
233	CHEMICAL- WATER	Surface Water	Chlorides as Cl-	APHA 23rd Edition 4500-Cl B & C
234	CHEMICAL- WATER	Surface Water	Colour	APHA 23rd Edition 2120B (Visual Comparison)
235	CHEMICAL- WATER	Surface Water	Conductivity	APHA 23rd Edition 2510 B
236	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
237	CHEMICAL- WATER	Surface Water	Fixed Solids (at 550 °C)	APHA 23rd Edition 2540E
238	CHEMICAL- WATER	Surface Water	Fluorides as F-	APHA 23rd Edition 4500-F D
239	CHEMICAL- WATER	Surface Water	Hexavalent chromium as Cr6+	APHA 23rd Edition 3500-Cr B
240	CHEMICAL- WATER	Surface Water	Magnesium as Mg	APHA 23rd Edition 3500-Mg B
241	CHEMICAL- WATER	Surface Water	Nitrate as NO3	APHA 23rd Edition 4500-NO3 B
242	CHEMICAL- WATER	Surface Water	Nitrite as NO2	APHA 23rd Edition 4500 B
243	CHEMICAL- WATER	Surface Water	Oil and Grease	APHA 23rd Edition 5520 B
244	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500-H+ B
245	CHEMICAL- WATER	Surface Water	Phenolic Compound as C6H5OH	APHA 23rd Edition 5530D
246	CHEMICAL- WATER	Surface Water	Phosphorus as P	APHA 23rd Edition 4500-P D
247	CHEMICAL- WATER	Surface Water	Potassium as K	APHA 23rd Edition 3500-K B
248	CHEMICAL- WATER	Surface Water	Residual Chlorine as Cl	APHA 23rd Edition 4500-Cl B
249	CHEMICAL- WATER	Surface Water	Sodium as Na	APHA 23rd Edition 3500-Na B
250	CHEMICAL- WATER	Surface Water	Sulphates as SO4	APHA 23rd Edition 4500-SO4 D
251	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550 B

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252	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (at 180 °C)	APHA 23rd Edition 2540C
253	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	APHA 23rd Edition 2340 C
254	CHEMICAL- WATER	Surface Water	Total Solids (at 103 °C)	APHA 23rd Edition 2540
255	CHEMICAL- WATER	Surface Water	Total Suspended Solids (at 105 °C)	APHA 23rd Edition 2540D
256	CHEMICAL- WATER	Surface Water	Volatile Solids (at 550 °C)	APHA 23rd Edition 2540

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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia as NH3	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 6)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone as O3	IS 5182 (Part 9)
7	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter (PM10)	IS 5182 (Part 23)
8	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide as SO2	IS 5182 (Part 2)
9	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise	Ambient Noise Level (Excluding Vibration)	IS 9989
10	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level (Excluding Vibration) (DG Set)	Source Noise Level (Excluding Vibration)	IS 4758
11	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Ammonia as NH3	IS 11255 (Part 6)
12	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Carbon Monoxide as CO	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022
13	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxides of Nitrogen	IS 11255 (Part 7)
14	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Oxygen as O2	PIWMPL/LAB/SOP/19, Issue No. 1, Issue Date: 21.07.2022
15	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Particulate Matter	IS 11255 (Part 1)
16	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Emission	Sulphur Dioxide as SO2	IS 11255 (Part 2)
17	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Ammonia as NH3	PIWMPL/LAB/STP/10, Issue No. 1, Issue Date: 22.07.2022
18	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Arsenic as As	PIWMPL/LAB/STP/11, Issue No. 1, Issue Date: 22.07.2022

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19	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Lead as Pb	IS 5182 (Part 22)
20	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Nickel as Ni	CPCB/NAAQMS/36
21	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Oxides of Nitrogen as NO2	PIWMPL/LAB/STP/13, Issue No. 1, Issue Date: 22.07.2022
22	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Particulate Matter (PM10)	PIWMPL/LAB/STP/12, Issue No. 1, Issue Date: 22.07.2022
23	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Sulphur Dioxide as SO2	PIWMPL/LAB/STP/15, Issue No. 1, Issue Date: 22.07.2022
24	CHEMICAL- ATMOSPHERIC POLLUTION	Work Zone Air	Total Dust	PIWMPL/LAB/STP/14, Issue No. 1, Issue Date: 22.07.2022
25	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Temperature	APHA 23rd Edition 2550 B
26	CHEMICAL- WATER	Ground Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
27	CHEMICAL- WATER	Ground Water	pH	APHA 23rd Edition 4500-H+ B
28	CHEMICAL- WATER	Ground Water	Potassium as K	APHA 23rd Edition 3500-K B
29	CHEMICAL- WATER	Ground Water	Temperature	APHA 23rd Edition 2550B
30	CHEMICAL- WATER	Surface Water	Dissolved Oxygen	APHA 23rd Edition 4500-O C
31	CHEMICAL- WATER	Surface Water	pH	APHA 23rd Edition 4500-H+ B
32	CHEMICAL- WATER	Surface Water	Temperature	APHA 23rd Edition 2550 B