



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

PRAKRUTI ENVIRONMENTAL ENGINEERS (ENVIRONMENTAL LABORATORY), "PRAKRUTI",
BIL ROAD, VILLAGE: BIL, VADODARA, GUJARAT, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-11806

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Validity

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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	Effluents/ Waste Water	Escherichia Coli	APHA 23 rd edition 9221 G 2
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Fecal Coliform	APHA 23rd edition 9221 E
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluents/ Waste Water	Total Coliform	APHA 23 rd edition 9221 B:
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Escherichia Coli	APHA 23 rd edition 9221 G2
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Fecal Coliform	APHA 23 rd edition 9221 B & E2
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Sewage water	Total Coliform	APHA 23 rd edition 9221 B
7	BIOLOGICAL- WATER	Drinking Water	Fecal Coliform	APHA 23 rd edition 9221 E
8	BIOLOGICAL- WATER	Drinking Water	Fecal Coliform	IS: 1622
9	BIOLOGICAL- WATER	Drinking Water	Heterotrophic Plate Count (Standard/ Total Plate Count)	APHA 23 rd edition 9215 B
10	BIOLOGICAL- WATER	Drinking Water	Heterotrophic Plate Count (Standard/ Total Plate Count)	IS: 1622
11	BIOLOGICAL- WATER	Ground Water/ Surface Water	Escherichia Coli	APHA 23 rd edition 9221 G2
12	BIOLOGICAL- WATER	Ground Water/ Surface Water	Escherichia Coli	IS: 1622
13	BIOLOGICAL- WATER	Ground Water/ Surface Water	Fecal Coliform	APHA 23 rd edition 9221 E2
14	BIOLOGICAL- WATER	Ground Water/ Surface Water	Fecal Coliform	IS: 1622
15	BIOLOGICAL- WATER	Ground Water/ Surface Water	Heterotrophic Plate Count (Standard/ Total Plate Count)	APHA 23 rd edition 9215 B
16	BIOLOGICAL- WATER	Ground Water/ Surface Water	Heterotrophic Plate Count (Standard/ Total Plate Count)	IS: 1622
17	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliform	APHA 23 rd edition 9221 B
18	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliform	IS: 1622
19	BIOLOGICAL- WATER	Industrial water	Escherichia Coli	APHA 23 rd edition 9221 G2
20	BIOLOGICAL- WATER	Industrial water	Escherichia Coli	IS: 1622



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21	BIOLOGICAL- WATER	Industrial water	Fecal Coliform	APHA 9221 B & E2
22	BIOLOGICAL- WATER	Industrial water	Fecal Coliform	IS: 1622
23	BIOLOGICAL- WATER	Industrial water	Heterotrophic Plate Count (Standard/ Total Plate Count)	APHA 23 rd edition 9215 B
24	BIOLOGICAL- WATER	Industrial water	Heterotrophic Plate Count (Standard/ Total Plate Count)	IS: 1622
25	BIOLOGICAL- WATER	Industrial water	Total Coliform	APHA 23 rd edition 9221 B
26	BIOLOGICAL- WATER	Industrial water	Total Coliform	IS: 1622
27	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Escherichia Coli	APHA 23 rd edition 9221 G 2
28	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Escherichia Coli	IS: 1622
29	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Fecal Coliform	APHA 23 rd edition 9221 E
30	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Fecal Coliform	IS: 1622
31	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Heterotrophic Plate Count (Standard/ Total Plate Count)	APHA 23 rd edition 9215 B
32	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Heterotrophic Plate Count (Standard/ Total Plate Count)	IS: 1622
33	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Total Coliform	APHA 23 rd edition 9221 B
34	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Total Coliform	IS: 1622
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Ammonia (as NH ₃)	IS: 5182 (Part 25)
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Arsenic (as As)	CPCB guideline for NAAQM Vol-I
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Benzene (as C ₆ H ₆)	IS 5182 (Part 11)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Carbon Monoxide (as CO)	IS 5182 (Part 10)
39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Chlorine (as Cl ₂)	IS: 5182 (Part 19)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Hydrochloric Acid (as HCl)	SOP-TEST-01
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Lead (as Pb)	CPCB guideline for NAAQM Vol-I
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Lead (as Pb)	IS 5182 (Part 22)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Nickel (as Ni)	CPCB guideline for NAAQM Vol-I



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44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Oxides of Nitrogen (as NO ₂)	IS: 5182 (Part 6)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Ozone (as O ₃)	IS: 5182 (Part-9)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Particulate Matter (as PM ₁₀)	IS: 5182 (Part 23)
47	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Particulate Matter (as PM _{2.5})	IS: 5182 (Part 24)
48	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air Monitoring	Sulphur Dioxide (as SO ₂)	IS: 5182 (Part 2)
49	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring	Source Noise levels	IS 8528 (Part 10)
50	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Ammonia (as NH ₃)	IS: 11255 (Part 6)
51	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Carbon Dioxide (as CO ₂)	IS: 13270 (ORSAT)
52	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Carbon Monoxide (as CO)	IS: 13270 (ORSAT)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Chlorine (as Cl ₂)	EPA Method 0051 & SOP-TEST-03
54	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Chlorine (as Cl ₂)	EPD Method 200
55	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Hydrochloric Acid (as HCl)	EPA Method 0051 & SOP-TEST-03
56	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Hydrochloric Acid (as HCl)	EPD Method 200
57	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Nitrogen Oxide (as NO _x)	EPA Method 7C
58	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Nitrogen Oxide (as NO _x)	IS: 11255 (Part 7)
59	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Oxygen (as O ₂)	IS: 13270 (ORSAT))
60	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Oxygen (as O ₂)	SOP-TEST-02
61	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Sulphur Dioxide (as SO ₂)	IS: 11255 (Part 2)
62	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Oxygen (as O ₂)	IS: 13270 (ORSAT)



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63	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Particulate Matter (as PM)	IS: 11255 (Part 1)
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Copper (as Cu)	EPA 3050 B:1996 & APHA 3120 B
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Copper (as Cu)	EPA 3050 B:1996 & APHA 3500 Cu C
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Iron (as Fe)	EPA 3050 B:1996 & APHA 3500 Fe B
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Aluminum (as Al)	EPA 1311: 1992 & APHA 3120 B
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Aluminum (as Al)	EPA 1311: 1992 & APHA 3500-Al B
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Aluminum (as Al)	EPA 3050 B:1996 & APHA 3120 B
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Aluminum (as Al)	EPA 3050 B:1996 & APHA 3500-Al B
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Annealing loss of the dry residue at 550°C	APHA 2540 G
72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Arsenic (as As)	EPA 1311: 1992 & IS 3025 (Part 37)
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Arsenic (as As)	EPA 3050 B:1996 & IS 3025 (Part 37)
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Arsenic (as As)	EPA 1311: 1992 & APHA 3120 B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Arsenic (as As)	EPA 3050 B:1996 & APHA 3120 B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Boron (as B)	EPA 3050 B:1996 & APHA 3120 B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Cadmium (as Cd)	EPA 3050 B:1996 & APHA 3120 B
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Chromium (Hexavalent as Cr+6)	EPA 3050 B:1996 & APHA 3500-Cr B
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Chromium (Total as Cr)	EPA 1311: 1992 & APHA 3120 B
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Chromium (Total as Cr)	EPA 1311: 1992 & APHA 3500-Cr
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Chromium (Total as Cr)	EPA 3050 B:1996 & APHA 3500-Cr B



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82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Gross Calorific Value	IS 1350 (Part 2)
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nickel (as Ni)	EPA 1311: 1992 & APHA 3120 B
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Paint Filter Liquid Test (PFLT)	EPA 9095 B
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	pH measured in water	EPA 9045 D
86	CHEMICAL- POLLUTION & ENVIRONMENT	Effluents toxicity	Bioassay (90% survival fish after 96 hours in 100% effluent)	IS 6582
87	CHEMICAL- POLLUTION & ENVIRONMENT	Soil Sediment	Total Soluble Solids	IS 2720 (Part 21)
88	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Aluminum (as Al)	EPA 3050 B:1996 & APHA 3120 B
89	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Arsenic (as As)	EPA 3050 B:1996 & IS 3025 (Part 37)
90	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Arsenic (as As)	EPA 3050 B:1996 & APHA 3120 B
91	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Boron (as B)	EPA 3050 B:1996 & APHA 4500-B B
92	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Calcium Carbonate (as CaCO ₃)	IS 2720 (Part 23)
93	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Cation Exchange Capacity	IS 2720 (Part 24)
94	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Manganese (as Mn)	EPA 3050 B:1996 & APHA 3500 Mn B
95	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nickel (as Ni)	EPA 3050 B:1996 & IS 3025 (Part 54)
96	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nitrogen (Ammonia as NH ₃ -N)	IS 14684
97	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nitrogen (as Inorganic N)	IS 14684
98	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nitrogen (Kjeldahl Nitrogen as TKN)	IS 14684
99	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nitrogen (Nitrate as NO ₃ -N)	IS 14684



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100	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nitrogen (Total as N)	IS 14684
101	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Organic Matter/ Organic Carbon	S 2720 (Part 22)
102	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Percent Sodium (as % Na)	SOP-TEST-05
103	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Phosphorus (as P)	SOP-TEST-07
104	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Sodium (as Na)	EPA 3050 B:1996 & APHA 3500-Na B
105	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Sodium (as Na)	EPA 3050 B:1996 & APHA 3120 B
106	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Sodium Adsorption Ratio (as SAR)	SOP-TEST-06
107	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Sulphate (as SO ₄ -2)	IS 14685
108	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Total Soluble Sulfate (as SO ₄ -2)	IS 2720 (Part 27)
109	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Aluminum (as Al)	EPA 3050 B:1996 & APHA 3500-Al B
110	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Boron (as B)	EPA 3050 B:1996 & APHA 3120 B
111	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Cadmium (as Cd)	EPA 3050 B:1996 & APHA 3120 B
112	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Calcium (as Ca)	SOP-TEST-08
113	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Carbon/ Nitrogen Ratio	SOP-TEST-10
114	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Chromium (as Cr)	EPA 3050 B:1996 & APHA 3500-Cr B
115	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Chromium (Total as Cr)	EPA 3050 B:1996 & APHA 3120 B
116	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Copper (as Cu)	EPA 3050 B:1996 & APHA 3120 B
117	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Copper (as Cu)	EPA 3050 B:1996 & APHA 3500 Cu C
118	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Electrical Conductivity	IS 14767



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119	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Iron (as Fe)	EPA 3050 B:1996 & APHA 3120 B
120	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Iron (as Fe)	EPA 3050 B:1996 & APHA 3500 Fe B
121	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Lead (as Pb)	EPA 3050 B:1996 & APHA 3120 B
122	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Magnesium (as Mg)	SOP-TEST-09
123	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Manganese (as Mn)	EPA 3050 B:1996 & APHA 3120 B
124	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Mercury (as Hg)	EPA 3050 B:1996 & APHA 3120 B
125	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Nickel (as Ni)	EPA 3050 B:1996 & APHA 3120 B
126	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	pH	IS 2720 (Part 26)
127	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Potassium (as K)	EPA 3050 B:1996 & APHA 3500-K B
128	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Potassium (as K)	EPA 3050 B:1996 & APHA 3120 B
129	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Selenium (as Se)	EPA 3050 B:1996 & APHA 3120 B
130	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Specific Gravity	IS 2720 (Part 3)
131	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Water Content	IS 2720 (Part 2)
132	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/ Sediment	Zinc (as Zn)	EPA 3050 B:1996 & APHA 3120 B
133	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediment	Boron (as B)	EPA 3050 B:1996 & APHA 4500-B B
134	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	% Sand	SOP-Test-30
135	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	% Silt	SOP-Test-30
136	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	%Clay	SOP-Test-30
137	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Bulk Density	SOP-Test-29



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138	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride (as Cl-)	SOP-Test-27
139	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Nitrite (as NO ₂ -N)	SOP-Test-26
140	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Porosity	SOP-Test-28
141	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Sulphur (as S-2)	IS 14685
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Texture	SOP-Test-30
143	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
144	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Manganese (as Mn)	EPA 3050 B:1996 & APHA 3500 Mn B
145	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Fluoride (as F-)	EPA 1311 & APHA 4500-F- D
146	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi- Solid/ Municipal Solid Wastes)	Chromium (Total as Cr)	EPA 3050 B:1996 & APHA 3500-Cr B
147	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Boron (as B)	EPA 3050 B:1996 & APHA 4500-B B
148	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Phenol	EPA 1311 : 1992& APHA 5530 D
149	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Chromium (Hexavalent as Cr+6)	EPA 1311:1992 & APHA 3500-Cr B
150	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Copper (as Cu)	EPA 1311: 1992 & APHA 3120 B
151	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Copper (as Cu)	EPA 1311: 1992 & APHA 3500 Cu C
152	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Iron (as Fe)	EPA 1311: 1992 & APHA 3120 B
153	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Lead (as Pb)	EPA 1311: 1992 & APHA 3120 B
154	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Lead (as Pb)	EPA 3050 B:1996 & APHA 3120 B
155	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Manganese (as Mn)	EPA 1311: 1992 & APHA 3120 B
156	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Manganese (as Mn)	EPA 1311: 1992 & APHA 3500 Mn B



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157	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nickel (as Ni)	EPA 1311: 1992 & IS 3025 (Part 54)
158	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nickel (as Ni)	EPA 3050 B:1996 & APHA 3120 B
159	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nickel (as Ni)	EPA 3050 B:1996 & IS 3025 (Part 54)
160	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Potassium (as K)	EPA 1311: 1992 & APHA 3120 B
161	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Potassium (as K)	EPA 1311:1992 & APHA 3500-K B
162	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Potassium (as K)	EPA 3050 B:1996 & APHA 3500-K B
163	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Potassium (as K)	EPA 3050 B:1996 & APHA 3120 B
164	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Selenium (as Se)	EPA 1311: 1992 & APHA 3120 B
165	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Selenium (as Se)	EPA 3050 B:1996 & APHA 3120 B
166	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Sodium (as Na)	EPA 1311: 1992 & APHA 3500-Na B
167	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Annealing loss of the dry residue at 550°C	APHA 2540 G
168	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Boron (as B)	EPA 1311 & APHA 4500-B B
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Boron (as B)	EPA 1311: 1992 & APHA 3120 B
170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Cadmium (as Cd)	EPA 1311: 1992 & APHA 3120 B
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	COD	SOP-TEST-34
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Iron (as Fe)	EPA 1311: 1992 & APHA 3500 Fe B
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Iron (as Fe)	EPA 3050 B:1996 & APHA 3120 B
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Manganese (as Mn)	EPA 3050 B:1996 & APHA 3120 B
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Mercury (as Hg)	EPA 1311: 1992 & APHA 3120 B



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176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Mercury (as Hg)	EPA 3050 B:1996 & APHA 3120 B
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Moisture Content (Loss on Drying at 105 °C)	APHA 2540 G
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Nitrogen (Nitrate as NO3-N)	EPA 1311: 1992 & APHA 4500-NO3- E
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Oil & Grease (as O&G)	APHA 5520 E
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Organic Content (Loss on Ignition at 550 °C)	APHA 2540 G
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	pH	EPA 9040 C
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Phosphorous (as P)	EPA 1311: 1992 & APHA 4500-P E
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Sodium (as Na)	EPA 1311: 1992 & APHA 3120 B
184	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Sodium (as Na)	EPA 3050 B:1996 & APHA 3120 B
185	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Sodium (as Na)	EPA 3050 B:1996 & APHA 3500-Na B
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Specific Gravity	APHA 2710 F
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Sulfide (as S ²⁻)	EPA 1311 : 1992 & APHA 4500-S ²⁻ F
188	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Zinc (as Zn)	EPA 1311: 1992 & APHA 3120 B
189	CHEMICAL- POLLUTION & ENVIRONMENT	Waste (Liquid/Slurry/Sludge/Solid/Semi-Solid/ Municipal Solid Wastes)	Zinc (as Zn)	EPA 3050 B:1996 & APHA 3120 B
190	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Carbon dioxide (CO ₂)	APHA 4500 CO ₂ - C
191	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Aluminum (as Al)	APHA 3500-Al B
192	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Arsenic (as As)	IS 3025 (Part 37)
193	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chemical Oxygen Demand (as COD)	APHA 5220 B
194	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chemical Oxygen Demand (as COD)	IS: 3025 (Part 58)



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195	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chromium (as Cr)	APHA 3500-Cr B
196	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
197	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Copper (as Cu)	APHA 3500 Cu C
198	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Iron (as Fe)	APHA 3500 Fe B
199	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Manganese (as Mn)	APHA 3500 Mn B
200	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nickel (as Ni)	IS 3025 (Part 54)
201	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Kjeldahl Nitrogen as TKN)	APHA 4500-Norg B
202	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Total as N)	APHA 4500-N C
203	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Oxygen (Dissolved as DO)	SOP-TEST-04
204	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Percent Sodium (as % Na)	SOP-TEST-05
205	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sodium Adsorption Ratio (as SAR)	SOP-TEST-06
206	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Acidity (as CaCO ₃)	APHA 2310 B
207	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Alkalinity (Total as CaCO ₃)	APHA 2320 B
208	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Aluminum (as Al)	APHA 3120 B
209	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Arsenic (as As)	APHA 3120 B
210	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Biochemical Oxygen Demand (3d at 27 °C as BOD)	IS: 3025 (Part 44)
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Biochemical Oxygen Demand (5d at 20 °C as BOD)	APHA 5210 B
212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Boron (as B)	APHA 3120 B
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Boron (as B)	APHA 4500-B



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214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Cadmium (as Cd)	APHA 3120 B
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Calcium (as Ca)	APHA 3500-Ca B
216	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chemical Oxygen Demand (as COD)	APHA 5220 B
217	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chloride (as Cl-)	APHA 4500-C
218	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
219	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
220	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Chromium (as Cr)	APHA 3120 B
221	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Colour (Pt-Co Scale)	APHA 2120 C
222	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Conductivity	APHA 2510 B
223	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Copper (as Cu)	APHA 3120 B
224	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Cyanide (as CN-)	APHA 4500-CN- E
225	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Fixed Solids	APHA 2540 E
226	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Fluoride (as F-)	APHA 4500-F D
227	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Free Ammonia (as NH ₃)	SOP-TEST-33
228	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Hardness (as CaCO ₃)	APHA 2340 C
229	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Iron (as Fe)	APHA 3120 B
230	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Lead (as Pb)	APHA 3120 B
231	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Magnesium (as Mg)	APHA 3500-Mg B
232	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Manganese (as Mn)	APHA 3120 B



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233	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Mercury (as Hg)	APHA 3120 B
234	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nickel (as Ni)	APHA 3120 B
235	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
236	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
237	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
238	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Nitrite as NO ₂ -N)	APHA 4500-NO ₂ B
239	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Nitrogen (Organic as Norg)	APHA 4500-Norg B
240	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Oil & Grease (as O&G)	APHA 5520 D
241	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Oxygen (Dissolved as DO)	APHA 4500-O C
242	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	pH	APHA 4500-H+ B
243	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Phenol	APHA 5530 D
244	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Phosphorus (as P)	APHA 4500-P C
245	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Potassium (as K)	APHA 3120 B
246	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Potassium (as K)	APHA 3500-K B
247	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Salinity	APHA 2520 B
248	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Selenium (as Se)	APHA 3120 B
249	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Settleable Solids	APHA 2540 F
250	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Settleable Solids	APHA 2540 F
251	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Silica (as SiO ₂)	APHA 4500-SiO ₂ C



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252	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Silica (as SiO ₂)	APHA 4500-SiO ₂ D
253	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sludge Volume Index (as SVI)	APHA 2710 D
254	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sodium (as Na)	APHA 3120 B
255	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sodium (as Na)	APHA 3500-Na B
256	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
257	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
258	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sulfide (as S ²⁻)	APHA 4500-S ²⁻ F
259	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Sulfite (as SO ₃ ²⁻)	APHA 4500 SO ₃ ²⁻
260	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Temperature	APHA 2550 B
261	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Total Dissolved Solids	APHA 2540 C
262	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Total Solids	APHA 2540 B
263	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Total Suspended Solids	APHA 2540 D
264	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Turbidity	APHA 2130 B
265	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Volatile Solids	APHA 2540 E
266	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluent/ Sewage/ Leachate)	Zinc (as Zn)	APHA 3120 B
267	CHEMICAL- POLLUTION & ENVIRONMENT	Waste(Liquid/Slurry/Sludge/Solid/Semi-Solid)	Corrosivity	SOP-Test-31
268	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Chloride (as Cl ⁻)	USEPA SW 846 Method 9253
269	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Cyanide (as CN ⁻)	EPA 1311 & APHA 4500-CN E
270	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nitrite (as NO ₂ ⁻ N)	EPA 1311 & APHA 4500-NO ₂ B



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271	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Nitrogen (Ammonia as NH ₃ -N)	EPA 1311:1992 & APHA 4500-NH ₃ C
272	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Reactivity	SOP-Test-32
273	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Sulphate (as SO ₄ -2)	USEPA 846 Method 9038
274	CHEMICAL- POLLUTION & ENVIRONMENT	Wastes (Liquid/Slurry/Sludge/Solid/Semi-Solid)	Total Chromium (as Cr)	EPA 3050 B: 1996 & APHA 3120
275	CHEMICAL- RESIDUES IN WATER	Water	Aluminum (as Al)	APHA 3120 B
276	CHEMICAL- RESIDUES IN WATER	Water	Arsenic (as As)	APHA 3120 B
277	CHEMICAL- RESIDUES IN WATER	Water	Boron (as B)	APHA 3120 B
278	CHEMICAL- RESIDUES IN WATER	Water	Cadmium (as Cd)	APHA 3120 B
279	CHEMICAL- RESIDUES IN WATER	Water	Chromium (as Cr)	APHA 3120 B
280	CHEMICAL- RESIDUES IN WATER	Water	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
281	CHEMICAL- RESIDUES IN WATER	Water	Copper (as Cu)	APHA 3120 B
282	CHEMICAL- RESIDUES IN WATER	Water	Iron (as Fe)	APHA 3120 B
283	CHEMICAL- RESIDUES IN WATER	Water	Iron (as Fe)	APHA 3500 Fe B
284	CHEMICAL- RESIDUES IN WATER	Water	Lead (as Pb)	APHA 3120 B
285	CHEMICAL- RESIDUES IN WATER	Water	Manganese (as Mn)	APHA 3120 B
286	CHEMICAL- RESIDUES IN WATER	Water	Mercury (as Hg)	APHA 3120 B
287	CHEMICAL- RESIDUES IN WATER	Water	Nickel (as Ni)	APHA 3120 B
288	CHEMICAL- RESIDUES IN WATER	Water	Phenol	IS:3025(Part-43)
289	CHEMICAL- RESIDUES IN WATER	Water	Potassium (as K)	APHA 3120 B



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290	CHEMICAL- RESIDUES IN WATER	Water	Selenium (as Se)	APHA 3120 B
291	CHEMICAL- RESIDUES IN WATER	Water	Sodium (as Na)	APHA 3120 B
292	CHEMICAL- RESIDUES IN WATER	Water	Zinc (as Zn)	APHA 3120 B
293	CHEMICAL- WATER	Ground Water	Sulfide (as S ₂ -)	IS: 3025 (Part-29)
294	CHEMICAL- WATER	Drinking Water/ Potable Water	Alkalinity (Total as CaCO ₃)	APHA 2320 B
295	CHEMICAL- WATER	Drinking Water/ Potable Water	Calcium (as Ca)	APHA 3500-Ca B
296	CHEMICAL- WATER	Drinking Water/ Potable Water	Chloride (as Cl-)	APHA 4500-Cl- B
297	CHEMICAL- WATER	Drinking Water/ Potable Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
298	CHEMICAL- WATER	Drinking Water/ Potable Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
299	CHEMICAL- WATER	Drinking Water/ Potable Water	Colour (Pt-Co Scale)	APHA 2120 C
300	CHEMICAL- WATER	Drinking Water/ Potable Water	Conductivity	APHA 2510 B
301	CHEMICAL- WATER	Drinking Water/ Potable Water	Cyanide (as CN-)	APHA 4500-CN- E
302	CHEMICAL- WATER	Drinking Water/ Potable Water	Fluoride (as F-)	APHA 4500-F- D
303	CHEMICAL- WATER	Drinking Water/ Potable Water	Hardness (as CaCO ₃)	APHA 2340 C
304	CHEMICAL- WATER	Drinking Water/ Potable Water	Magnesium (as Mg)	APHA 3500-Mg B
305	CHEMICAL- WATER	Drinking Water/ Potable Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
306	CHEMICAL- WATER	Drinking Water/ Potable Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ F
307	CHEMICAL- WATER	Drinking Water/ Potable Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
308	CHEMICAL- WATER	Drinking Water/ Potable Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
309	CHEMICAL- WATER	Drinking Water/ Potable Water	Odour	IS 3025 (Part 5)
310	CHEMICAL- WATER	Drinking Water/ Potable Water	pH	APHA 4500-H+ B
311	CHEMICAL- WATER	Drinking Water/ Potable Water	Sulfate (as SO ₄ 2-)	APHA 4500-SO ₄ 2- D
312	CHEMICAL- WATER	Drinking Water/ Potable Water	Sulfate (as SO ₄ 2-)	APHA 4500-SO ₄ 2- E
313	CHEMICAL- WATER	Drinking Water/ Potable Water	Sulfide (as S ₂ -)	IS: 3025 (Part-29)
314	CHEMICAL- WATER	Drinking Water/ Potable Water	Sulfide (as S ₂ -)	APHA 4500-S ₂ - F
315	CHEMICAL- WATER	Drinking Water/ Potable Water	Taste	IS 3025 (Part 8)
316	CHEMICAL- WATER	Drinking Water/ Potable Water	Total Dissolved Solids	APHA 2540 C
317	CHEMICAL- WATER	Drinking Water/ Potable Water	Turbidity	APHA 2130 B



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318	CHEMICAL- WATER	Ground Water	Acidity (as CaCO ₃)	APHA 2310 B
319	CHEMICAL- WATER	Ground Water	Alkalinity (as CaCO ₃)	APHA 2320 B
320	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (3d at 27 °C as BOD)	IS: 3025 (Part 44)
321	CHEMICAL- WATER	Ground Water	Biochemical Oxygen Demand (5d at 20 °C as BOD)	APHA 5210 B
322	CHEMICAL- WATER	Ground Water	Boron (as B)	APHA 4500-B B
323	CHEMICAL- WATER	Ground Water	Calcium (as Ca)	APHA 3500-Ca B
324	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (as COD)	APHA 5220 B
325	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (as COD)	APHA 5220 B
326	CHEMICAL- WATER	Ground Water	Chemical Oxygen Demand (as COD)	IS: 3025 (Part 58)
327	CHEMICAL- WATER	Ground Water	Chloride (as Cl ⁻)	APHA 4500-Cl- B
328	CHEMICAL- WATER	Ground Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
329	CHEMICAL- WATER	Ground Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
330	CHEMICAL- WATER	Ground Water	Chromium (Hexavalent as Cr ⁺⁶)	APHA 3500-Cr B
331	CHEMICAL- WATER	Ground Water	Colour (Pt-Co Scale)	APHA 2120 C
332	CHEMICAL- WATER	Ground Water	Conductivity	APHA 2510 B
333	CHEMICAL- WATER	Ground Water	Cyanide (as CN ⁻)	APHA 4500-CN- E
334	CHEMICAL- WATER	Ground Water	Fluoride (as F ⁻)	APHA 4500-F- D
335	CHEMICAL- WATER	Ground Water	Free Carbon Dioxide (as CO ₂)	APHA 4500-CO ₂ C
336	CHEMICAL- WATER	Ground Water	Hardness (as CaCO ₃)	APHA 2340 C
337	CHEMICAL- WATER	Ground Water	Magnesium (as Mg)	APHA 3500-Mg B
338	CHEMICAL- WATER	Ground Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
339	CHEMICAL- WATER	Ground Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ F
340	CHEMICAL- WATER	Ground Water	Nitrogen (Kjeldahl Nitrogen as TKN)	APHA 4500-Norg B
341	CHEMICAL- WATER	Ground Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
342	CHEMICAL- WATER	Ground Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
343	CHEMICAL- WATER	Ground Water	Nitrogen (Nitrite as NO ₂ -N)	APHA 4500-NO ₂ B



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344	CHEMICAL- WATER	Ground Water	Nitrogen (Organic as Norg)	APHA 4500-Norg B
345	CHEMICAL- WATER	Ground Water	Nitrogen (Total as N)	APHA 4500-N C
346	CHEMICAL- WATER	Ground Water	Odour	IS 3025 (Part 5)
347	CHEMICAL- WATER	Ground Water	Oil & Grease (as O&G)	APHA 5520 D
348	CHEMICAL- WATER	Ground Water	Oxygen (Dissolved as DO)	APHA 4500-O C
349	CHEMICAL- WATER	Ground Water	Percent Sodium (as % Na)	SOP-TEST-05
350	CHEMICAL- WATER	Ground Water	pH	APHA 4500-H+ B
351	CHEMICAL- WATER	Ground Water	Phosphorous (as P)	APHA 4500-P C
352	CHEMICAL- WATER	Ground Water	Potassium (as K)	APHA 3500-K B
353	CHEMICAL- WATER	Ground Water	Salinity (as SPSS)	APHA 2520 B
354	CHEMICAL- WATER	Ground Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ C
355	CHEMICAL- WATER	Ground Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ D
356	CHEMICAL- WATER	Ground Water	Sodium (as Na)	APHA 3500-Na B
357	CHEMICAL- WATER	Ground Water	Sodium Adsorption Ratio (SAR)	SOP-TEST-06
358	CHEMICAL- WATER	Ground Water	Sulfate (as SO ₄ ²⁻)	APHA 4500- SO ₄ ²⁻ D
359	CHEMICAL- WATER	Ground Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
360	CHEMICAL- WATER	Ground Water	Sulfide (as S ₂ ⁻)	APHA 4500-S ₂ ⁻ F
361	CHEMICAL- WATER	Ground Water	Taste	IS 3025 (Part 8)
362	CHEMICAL- WATER	Ground Water	Temperature	APHA 2550 B
363	CHEMICAL- WATER	Ground Water	Total Dissolved Solids	APHA 2540 C
364	CHEMICAL- WATER	Ground Water	Total Solids	APHA 2540 B
365	CHEMICAL- WATER	Ground Water	Total Suspended Solids	APHA 2540 D
366	CHEMICAL- WATER	Ground Water	Turbidity	APHA 2130 B
367	CHEMICAL- WATER	Industrial Water	Acidity (as CaCO ₃)	APHA 2310 B
368	CHEMICAL- WATER	Industrial Water	Alkalinity (as CaCO ₃)	APHA 2320 B
369	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (3d at 27 °C as BOD)	IS: 3025 (Part 44)
370	CHEMICAL- WATER	Industrial Water	Biochemical Oxygen Demand (5d at 20 °C as BOD)	APHA 5210 B
371	CHEMICAL- WATER	Industrial Water	Calcium (as Ca)	APHA 3500-Ca B
372	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (as COD)	APHA 5220 B



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373	CHEMICAL- WATER	Industrial Water	Chemical Oxygen Demand (as COD)	IS: 3025 (Part 58)
374	CHEMICAL- WATER	Industrial Water	Chloride (as Cl-)	APHA 4500-Cl- B
375	CHEMICAL- WATER	Industrial Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
376	CHEMICAL- WATER	Industrial Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
377	CHEMICAL- WATER	Industrial Water	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
378	CHEMICAL- WATER	Industrial Water	Colour (Pt-Co Scale)	APHA 2120 C
379	CHEMICAL- WATER	Industrial Water	Conductivity	APHA 2510 B
380	CHEMICAL- WATER	Industrial Water	Cyanide (as CN-)	APHA 4500-CN- E
381	CHEMICAL- WATER	Industrial Water	Fluoride (as F-)	APHA 4500-F- D
382	CHEMICAL- WATER	Industrial Water	Free Carbon Dioxide (as CO ₂)	APHA 4500-CO ₂ C
383	CHEMICAL- WATER	Industrial Water	Hardness (as CaCO ₃)	APHA 2340 C
384	CHEMICAL- WATER	Industrial Water	Magnesium (as Mg)	APHA 3500-Mg B
385	CHEMICAL- WATER	Industrial Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
386	CHEMICAL- WATER	Industrial Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ F
387	CHEMICAL- WATER	Industrial Water	Nitrogen (Kjeldahl Nitrogen as TKN)	APHA 4500-Norg B
388	CHEMICAL- WATER	Industrial Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
389	CHEMICAL- WATER	Industrial Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
390	CHEMICAL- WATER	Industrial Water	Nitrogen (Nitrite as NO ₂ -N)	APHA 4500-NO ₂ B
391	CHEMICAL- WATER	Industrial Water	Nitrogen (Organic as Norg)	APHA 4500-Norg B
392	CHEMICAL- WATER	Industrial Water	Nitrogen (Total as N)	APHA 4500-N C
393	CHEMICAL- WATER	Industrial Water	Oil & Grease (as O&G)	APHA 5520 D
394	CHEMICAL- WATER	Industrial Water	Oxygen (Dissolved as DO)	APHA 4500-O C
395	CHEMICAL- WATER	Industrial Water	Percent Sodium (as % Na)	SOP-TEST-05
396	CHEMICAL- WATER	Industrial Water	pH	APHA 4500-H+ B
397	CHEMICAL- WATER	Industrial Water	Phosphorous (as P)	APHA 4500-P C
398	CHEMICAL- WATER	Industrial Water	Potassium (as K)	APHA 3500-K B
399	CHEMICAL- WATER	Industrial Water	Residual Sodium Carbonate (as RSC)	SOP-TEST-11



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400	CHEMICAL- WATER	Industrial Water	Salinity (as SPSS)	APHA 2520 B
401	CHEMICAL- WATER	Industrial Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ C
402	CHEMICAL- WATER	Industrial Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ D
403	CHEMICAL- WATER	Industrial Water	Sodium (as Na)	APHA 3500-Na B
404	CHEMICAL- WATER	Industrial Water	Sodium Adsorption Ratio (as SAR)	SOP-TEST-06
405	CHEMICAL- WATER	Industrial Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
406	CHEMICAL- WATER	Industrial Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
407	CHEMICAL- WATER	Industrial Water	Sulfide (as S ²⁻)	APHA 4500-S ²⁻ F
408	CHEMICAL- WATER	Industrial Water	Sulfide (as S ²⁻)	IS: 3025 (Part-29)
409	CHEMICAL- WATER	Industrial Water	Sulfite (as SO ₃ ²⁻)	APHA 4500 SO ₃ ²⁻ B
410	CHEMICAL- WATER	Industrial Water	Temperature	APHA 2550 B
411	CHEMICAL- WATER	Industrial Water	Total Dissolved Solids	APHA 2540 C
412	CHEMICAL- WATER	Industrial Water	Total Solids	APHA 2540 B
413	CHEMICAL- WATER	Industrial Water	Total Suspended Solids	APHA 2540 D
414	CHEMICAL- WATER	Industrial Water	Turbidity	APHA 2130 B
415	CHEMICAL- WATER	Irrigation Water	Alkalinity (as CaCO ₃)	APHA 2320 B
416	CHEMICAL- WATER	Irrigation Water	Boron (as B)	APHA 4500-B B
417	CHEMICAL- WATER	Irrigation Water	Calcium (as Ca)	APHA 3500-Ca B
418	CHEMICAL- WATER	Irrigation Water	Conductivity	APHA 2510 B
419	CHEMICAL- WATER	Irrigation Water	Hardness (as CaCO ₃)	APHA 2340 C
420	CHEMICAL- WATER	Irrigation Water	Magnesium (as Mg)	APHA 3500-Mg B
421	CHEMICAL- WATER	Irrigation Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
422	CHEMICAL- WATER	Irrigation Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
423	CHEMICAL- WATER	Irrigation Water	Percent Sodium (as % Na)	SOP-TEST-05
424	CHEMICAL- WATER	Irrigation Water	pH	APHA 4500-H+ B
425	CHEMICAL- WATER	Irrigation Water	Potassium (as K)	APHA 3500-K B
426	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate (as RSC)	SOP-TEST-11
427	CHEMICAL- WATER	Irrigation Water	Salinity (as SPSS)	APHA 2520 B
428	CHEMICAL- WATER	Irrigation Water	Sodium (as Na)	APHA 3500-Na B



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429	CHEMICAL- WATER	Irrigation Water	Sodium Adsorption Ratio (as SAR)	SOP-TEST-06
430	CHEMICAL- WATER	Irrigation Water	Sulfate (as SO42-)	APHA 4500-SO42- D
431	CHEMICAL- WATER	Irrigation Water	Sulfate (as SO42-)	APHA 4500-SO42- E
432	CHEMICAL- WATER	Package Natural Mineral Water	Chloride (as Cl-)	APHA 4500-Cl- B
433	CHEMICAL- WATER	Package Natural Mineral Water	Colour (Pt-Co Scale)	APHA 2120 C
434	CHEMICAL- WATER	Package Natural Mineral Water	Conductivity	APHA 2510 B
435	CHEMICAL- WATER	Package Natural Mineral Water	Turbidity	APHA 2130 B
436	CHEMICAL- WATER	Package Natural Mineral Water	Alkalinity (as CaCO3)	APHA 2320 B
437	CHEMICAL- WATER	Package Natural Mineral Water	Boron (as B)	APHA 4500-B B
438	CHEMICAL- WATER	Package Natural Mineral Water	Calcium (as Ca)	APHA 3500-Ca B
439	CHEMICAL- WATER	Package Natural Mineral Water	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
440	CHEMICAL- WATER	Package Natural Mineral Water	Cyanide (as CN-)	APHA 4500-CN- E
441	CHEMICAL- WATER	Package Natural Mineral Water	Fluoride (as F-)	APHA 4500-F- D
442	CHEMICAL- WATER	Package Natural Mineral Water	Hardness (as CaCO3)	APHA 2340 C
443	CHEMICAL- WATER	Package Natural Mineral Water	Magnesium (as Mg)	APHA 3500-Mg B
444	CHEMICAL- WATER	Package Natural Mineral Water	Nitrogen (Nitrate as NO3-N)	APHA 4500-NO3- B
445	CHEMICAL- WATER	Package Natural Mineral Water	Nitrogen (Nitrate as NO3-N)	APHA 4500-NO3- E
446	CHEMICAL- WATER	Package Natural Mineral Water	Nitrogen (Nitrite as NO2-N)	APHA 4500-NO2 B
447	CHEMICAL- WATER	Package Natural Mineral Water	Odour	IS 3025 (Part 5)
448	CHEMICAL- WATER	Package Natural Mineral Water	pH	APHA 4500-H+ B
449	CHEMICAL- WATER	Package Natural Mineral Water	Sodium (as Na)	APHA 3500-Na B
450	CHEMICAL- WATER	Package Natural Mineral Water	Sulfate (as SO42-)	APHA 4500-SO42- D
451	CHEMICAL- WATER	Package Natural Mineral Water	Sulfate (as SO42-)	APHA 4500-SO42- E
452	CHEMICAL- WATER	Package Natural Mineral Water	Sulfide (as S2-)	APHA 4500-S2- F
453	CHEMICAL- WATER	Package Natural Mineral Water	Sulfide (as S2-)	IS: 3025 (Part-29)
454	CHEMICAL- WATER	Package Natural Mineral Water	Taste	IS 3025 (Part 8)
455	CHEMICAL- WATER	Package Natural Mineral Water	Total Dissolved Solids	APHA 2540 C
456	CHEMICAL- WATER	Packaged Drinking Water	Alkalinity (as CaCO3)	APHA 2320 B
457	CHEMICAL- WATER	Packaged Drinking Water	Calcium (as Ca)	APHA 3500-Ca B



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458	CHEMICAL- WATER	Packaged Drinking Water	Chloride (as Cl-)	APHA 4500-Cl- B
459	CHEMICAL- WATER	Packaged Drinking Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
460	CHEMICAL- WATER	Packaged Drinking Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
461	CHEMICAL- WATER	Packaged Drinking Water	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
462	CHEMICAL- WATER	Packaged Drinking Water	Colour (Pt-Co Scale)	APHA 2120 C
463	CHEMICAL- WATER	Packaged Drinking Water	Conductivity	APHA 2510 B
464	CHEMICAL- WATER	Packaged Drinking Water	Cyanide (as CN-)	APHA 4500-CN- E
465	CHEMICAL- WATER	Packaged Drinking Water	Fluoride (as F-)	APHA 4500-F- D
466	CHEMICAL- WATER	Packaged Drinking Water	Hardness (as CaCO ₃)	APHA 2340 C
467	CHEMICAL- WATER	Packaged Drinking Water	Magnesium (as Mg)	APHA 3500-Mg B
468	CHEMICAL- WATER	Packaged Drinking Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
469	CHEMICAL- WATER	Packaged Drinking Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
470	CHEMICAL- WATER	Packaged Drinking Water	Nitrogen (Nitrite as NO ₂ -N)	APHA 4500-NO ₂ B
471	CHEMICAL- WATER	Packaged Drinking Water	Odour	IS 3025 (Part 5)
472	CHEMICAL- WATER	Packaged Drinking Water	pH	APHA 4500-H+ B
473	CHEMICAL- WATER	Packaged Drinking Water	Sodium (as Na)	APHA 3500-Na B
474	CHEMICAL- WATER	Packaged Drinking Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
475	CHEMICAL- WATER	Packaged Drinking Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
476	CHEMICAL- WATER	Packaged Drinking Water	Sulfide (as S ₂ ⁻)	APHA 4500-S ₂ ⁻ F
477	CHEMICAL- WATER	Packaged Drinking Water	Sulfide (as S ₂ ⁻)	IS: 3025 (Part-29)
478	CHEMICAL- WATER	Packaged Drinking Water	Taste	IS 3025 (Part 8)
479	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solids	APHA 2540 C
480	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	APHA 2130 B
481	CHEMICAL- WATER	Surface Water	Cyanide (as CN-)	APHA 4500-CN- E
482	CHEMICAL- WATER	Surface Water	Acidity (as CaCO ₃)	APHA 2310 B
483	CHEMICAL- WATER	Surface Water	Alkalinity (Total as CaCO ₃)	APHA 2320 B
484	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (3d at 27 °C as BOD)	IS: 3025 (Part 44)
485	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand (5d at 20 °C as BOD)	APHA 5210 B



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486	CHEMICAL- WATER	Surface Water	Calcium (as Ca)	APHA 3500-Ca B
487	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (as COD)	APHA 5220 B
488	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (as COD)	IS: 3025 (Part 58)
489	CHEMICAL- WATER	Surface Water	Chloride (as Cl-)	APHA 4500-Cl- B
490	CHEMICAL- WATER	Surface Water	Chromium (Hexavalent as Cr+6)	APHA 3500-Cr B
491	CHEMICAL- WATER	Surface Water	Colour (Pt-Co Scale)	APHA 2120 C
492	CHEMICAL- WATER	Surface Water	Conductivity	APHA 2510 B
493	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	APHA 4500-O C
494	CHEMICAL- WATER	Surface Water	Fluoride (as F-)	APHA 4500-F- D
495	CHEMICAL- WATER	Surface Water	Free Ammonia (as NH3)	SOP-TEST-33
496	CHEMICAL- WATER	Surface Water	Free Carbon Dioxide (as CO2)	APHA 4500-CO2 C
497	CHEMICAL- WATER	Surface Water	Hardness (as CaCO3)	APHA 2340 C
498	CHEMICAL- WATER	Surface Water	Magnesium (as Mg)	APHA 3500-Mg B
499	CHEMICAL- WATER	Surface Water	Nitrogen (Ammonia as NH3-N)	APHA 4500-NH3 F
500	CHEMICAL- WATER	Surface Water	Nitrogen (Ammonia as NH3-N)	APHA 4500-NH3 C
501	CHEMICAL- WATER	Surface Water	Nitrogen (Kjeldahl Nitrogen as TKN)	APHA 4500-Norg B
502	CHEMICAL- WATER	Surface Water	Nitrogen (Nitrate as NO3-N)	APHA 4500-NO3- B
503	CHEMICAL- WATER	Surface Water	Nitrogen (Nitrate as NO3-N)	APHA 4500-NO3- E
504	CHEMICAL- WATER	Surface Water	Nitrogen (Nitrite as NO2-N)	APHA 4500-NO2 B
505	CHEMICAL- WATER	Surface Water	Nitrogen (Organic as Norg)	APHA 4500-Norg B
506	CHEMICAL- WATER	Surface Water	Nitrogen (Total as N)	APHA 4500-N C
507	CHEMICAL- WATER	Surface Water	Odour	IS 3025 (Part 5)
508	CHEMICAL- WATER	Surface Water	Oil & Grease (as O&G)	APHA 5520 D
509	CHEMICAL- WATER	Surface Water	Percent Sodium (as % Na)	SOP-TEST-05
510	CHEMICAL- WATER	Surface Water	pH	APHA 4500-H+ B
511	CHEMICAL- WATER	Surface Water	Potassium (as K)	APHA 3500-K B
512	CHEMICAL- WATER	Surface Water	Salinity (as SPSS)	APHA 2520 B
513	CHEMICAL- WATER	Surface Water	Silica (as SiO2)	APHA 4500-SiO2 C



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514	CHEMICAL- WATER	Surface Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ D
515	CHEMICAL- WATER	Surface Water	Sodium (as Na)	APHA 3500-Na B
516	CHEMICAL- WATER	Surface Water	Sodium Adsorption Ratio (SAR)	SOP-TEST-06, Issue No.: 01, Issue Date: 20.12
517	CHEMICAL- WATER	Surface Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
518	CHEMICAL- WATER	Surface Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
519	CHEMICAL- WATER	Surface Water	Sulfide (as S ²⁻)	APHA 4500-S ²⁻ F
520	CHEMICAL- WATER	Surface Water	Sulfide (as S ²⁻)	IS: 3025 (Part-29)
521	CHEMICAL- WATER	Surface Water	Sulfite (as SO ₃ ²⁻)	APHA 4500 SO ₃ ²⁻
522	CHEMICAL- WATER	Surface Water	Temperature	APHA 2550 B
523	CHEMICAL- WATER	Surface Water	Total Dissolved Solids	APHA 2540 C
524	CHEMICAL- WATER	Surface Water	Total Solids	APHA 2540 B
525	CHEMICAL- WATER	Surface Water	Total Suspended Solids	APHA 2540 D
526	CHEMICAL- WATER	Surface Water	Turbidity	APHA 2130 B
527	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Acidity (as CaCO ₃)	APHA 2310 B
528	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Alkalinity (Total as CaCO ₃)	APHA 2320 B
529	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Biochemical Oxygen Demand (3d at 27 °C as BOD)	IS: 3025 (Part 44)
530	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Biochemical Oxygen Demand (5d at 20 °C as BOD)	APHA 5210 B
531	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Boron (as B)	APHA 4500-B B
532	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Calcium (as Ca)	APHA 3500-Ca B
533	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Chemical Oxygen Demand (as COD)	APHA 5220 B
534	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Chemical Oxygen Demand (as COD)	IS: 3025 (Part 58)
535	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Chloride (as Cl ⁻)	APHA 4500-Cl- B
536	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F



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537	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Chlorine (Residual as Cl ₂)	APHA 4500-CI G DPD Colorimetric Method
538	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Colour (Pt-Co Scale)	APHA 2120 C
539	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Conductivity	APHA 2510 B
540	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Fluoride (as F ⁻)	APHA 4500-F- D
541	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Free Carbon Dioxide (as CO ₂)	APHA 4500-CO ₂ C
542	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Hardness (as CaCO ₃)	APHA 2340 C
543	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Magnesium (as Mg)	APHA 3500-Mg B
544	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
545	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ F
546	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Kjeldahl Nitrogen as TKN)	APHA 4500-Norg B
547	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
548	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
549	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Nitrite as NO ₂ -N)	APHA 4500-NO ₂ B
550	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Organic as Norg)	APHA 4500-Norg B
551	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Nitrogen (Total as N)	APHA 4500-N C
552	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Oil & Grease (as O&G)	APHA 5520 D
553	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Oxygen (Dissolved as DO)	APHA 4500-O C
554	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Percent Sodium (as % Na)	SOP-TEST-05, Issue No.: 01, Issue Date: 20.12.
555	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	pH	APHA 4500-H+ B



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556	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Phenol	APHA 5530 D
557	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Phosphorous (as P)	APHA 4500-P C
558	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Potassium (as K)	APHA 3500-K B
559	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Salinity (as SPSS)	APHA 2520 B
560	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ C
561	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Silica (as SiO ₂)	APHA 4500-SiO ₂ D
562	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sodium (as Na)	APHA 3500-Na B
563	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sodium Adsorption Ratio (as SAR)	SOP-TEST-06, Issue No.: 01, Issue Date: 20.12.
564	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
565	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
566	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sulfide (as S ₂ ⁻)	APHA 4500-S ₂ ⁻ F
567	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Sulfite (as SO ₃ ²⁻)	APHA 4500 SO ₃ ²⁻ B
568	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Temperature	APHA 2550 B
569	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Total Dissolved Solids	APHA 2540 C
570	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Total Solids	APHA 2540 B
571	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Total Suspended Solids	APHA 2540 D
572	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Turbidity	APHA 2130 B
573	CHEMICAL- WATER	Water for construction purpose	Acidity (as CaCO ₃)	APHA 2310 B
574	CHEMICAL- WATER	Water for construction purpose	Acidity (Volume of 0.02 N NaOH required to neutralize 100ml sample of Water)	IS 3025 (Part 22)



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575	CHEMICAL- WATER	Water for construction purpose	Alkalinity (as CaCO ₃)	APHA 2320 B
576	CHEMICAL- WATER	Water for construction purpose	Alkalinity (Volume of 0.02 N H ₂ SO ₄ required to neutralize 100ml sample of Water)	IS 3025 (Part 23)
577	CHEMICAL- WATER	Water for construction purpose	Chloride (as Cl ⁻)	APHA 4500-Cl- B
578	CHEMICAL- WATER	Water for construction purpose	Chloride (as Cl ⁻)	IS 3025 (Part 32)
579	CHEMICAL- WATER	Water for construction purpose	Inorganic Matter	APHA 2540 E
580	CHEMICAL- WATER	Water for construction purpose	Inorganic Matter	IS 3025 (Part 18)
581	CHEMICAL- WATER	Water for construction purpose	Organic matter	APHA 2540 E
582	CHEMICAL- WATER	Water for construction purpose	Organic Matter	IS 3025 (Part 18)
583	CHEMICAL- WATER	Water for construction purpose	pH	APHA 4500-H+ B
584	CHEMICAL- WATER	Water for construction purpose	pH	IS 3025 (Part 11)
585	CHEMICAL- WATER	Water for construction purpose	Sulfate (as SO ₄ -2)	IS 3025 (Part 24)
586	CHEMICAL- WATER	Water for construction purpose	Sulfate (as SO ₄ -2)	APHA 4500-SO ₄ -2- D
587	CHEMICAL- WATER	Water for construction purpose	Sulfate (as SO ₄ -2)	APHA 4500-SO ₄ -2- E
588	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	APHA 2540 D
589	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solids	IS 3025 (Part 17)
590	CHEMICAL- WATER	Water for Swimming Pool	Alkalinity (as CaCO ₃)	APHA 2320 B
591	CHEMICAL- WATER	Water for Swimming Pool	Chloride (as Cl ⁻)	APHA 4500-Cl- B
592	CHEMICAL- WATER	Water for Swimming Pool	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
593	CHEMICAL- WATER	Water for Swimming Pool	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
594	CHEMICAL- WATER	Water for Swimming Pool	Colour (Pt-Co Scale)	APHA 2120 C
595	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 (Part-5)
596	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 4500-H+ B
597	CHEMICAL- WATER	Water for Swimming Pool	Taste	IS 3025 (Part-8)
598	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids	APHA 2540 C
599	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	APHA 2130 B
600	CHEMICAL- WATER	Water from Water Purifiers	Alkalinity (as CaCO ₃)	APHA 2320 B
601	CHEMICAL- WATER	Water from Water Purifiers	Boron (as B)	APHA 4500-B B
602	CHEMICAL- WATER	Water from Water Purifiers	Calcium (as Ca)	APHA 3500-Ca B
603	CHEMICAL- WATER	Water from Water Purifiers	Chloride (as Cl ⁻)	APHA 4500-Cl- B



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604	CHEMICAL- WATER	Water from Water Purifiers	Chlorine (Residual as Cl ₂)	APHA 4500-Cl F
605	CHEMICAL- WATER	Water from Water Purifiers	Chlorine (Residual as Cl ₂)	APHA 4500-Cl G DPD Colorimetric Method
606	CHEMICAL- WATER	Water from Water Purifiers	Colour (Pt-Co Scale)	APHA 2120 C
607	CHEMICAL- WATER	Water from Water Purifiers	Cyanide (as CN ⁻)	APHA 4500-CN- E
608	CHEMICAL- WATER	Water from Water Purifiers	Fluoride (as F ⁻)	APHA 4500-F- D
609	CHEMICAL- WATER	Water from Water Purifiers	Hardness (as CaCO ₃)	APHA 2340 C
610	CHEMICAL- WATER	Water from Water Purifiers	Magnesium (as Mg)	APHA 3500-Mg B
611	CHEMICAL- WATER	Water from Water Purifiers	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ C
612	CHEMICAL- WATER	Water from Water Purifiers	Nitrogen (Ammonia as NH ₃ -N)	APHA 4500-NH ₃ F
613	CHEMICAL- WATER	Water from Water Purifiers	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - B
614	CHEMICAL- WATER	Water from Water Purifiers	Nitrogen (Nitrate as NO ₃ -N)	APHA 4500-NO ₃ - E
615	CHEMICAL- WATER	Water from Water Purifiers	Odour	IS 3025 (Part 5)
616	CHEMICAL- WATER	Water from Water Purifiers	pH	APHA 4500-H+ B
617	CHEMICAL- WATER	Water from Water Purifiers	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ D
618	CHEMICAL- WATER	Water from Water Purifiers	Sulfate (as SO ₄ ²⁻)	APHA 4500-SO ₄ ²⁻ E
619	CHEMICAL- WATER	Water from Water Purifiers	Sulfide (as S ₂ ⁻)	APHA 4500-S ₂ ⁻ F
620	CHEMICAL- WATER	Water from Water Purifiers	Sulfide (as S ₂ ⁻)	IS: 3025 (Part-29)
621	CHEMICAL- WATER	Water from Water Purifiers	Taste	IS 3025 (Part 8)
622	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solids	APHA 2540 C
623	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	APHA 2130 B



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Site Facility				
1	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring	Ambient Noise Levels	IS: 9989
2	CHEMICAL- ATMOSPHERIC POLLUTION	Noise Level Monitoring	Source Noise Levels	IS: 4758
3	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Carbon Dioxide (as CO ₂)	SOP-TEST-02
4	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Carbon Monoxide (as CO)	SOP-TEST-02
5	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Temperature	IS: 11255 (Part 3)
6	CHEMICAL- ATMOSPHERIC POLLUTION	Stack Monitoring (Process /Vent Emission)	Velocity	IS: 11255 (Part 3)
7	CHEMICAL- WATER	Ground Water	Oxygen (Dissolved as DO)	SOP-TEST-04
8	CHEMICAL- WATER	Industrial Water	Oxygen (Dissolved as DO)	SOP-TEST-04
9	CHEMICAL- WATER	Surface Water	Dissolved Oxygen (DO)	SOP-TEST-04
10	CHEMICAL- WATER	Utility Water/ Process Water/ Treated Water/ Recovered Water	Oxygen (Dissolved as DO)	SOP-TEST-04

NOTE- The Laboratory has demonstrated competence for the stated scope for WATER. This however does not fully cover the specification requirements of BIS for the Packaged Drinking Water as per IS 14543 and the Packaged Natural Mineral Water IS 13428.