National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : B.S. ENVI-TECH PRIVATE LIMITED, AMITY VILLE, 12-13-1270/71/73, 4TH FLOOR, ST. ANNS SCHOOL ROAD, TARNAKA, SECUNDERABAD, HYDERABAD, TELANGANA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Effluents)	E.coli	APHA 23rd Edition, 9221 B,C,E,F Method(MPN Method)
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Effluents)	Feacal Coliform	APHA 23rd Edition, 9221 B,C,E,F Method(MPN Method)
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Effluents)	Total Coliforms	APHA 23rd Edition, 9221B,C Method(MPN Method)
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Sewage)	E.coli	APHA 23rd Edition, 9221 B, C,E,F Method(MPN Method)
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Sewage)	Feacal Coliform	APHA 23rd Edition, 9221 B, C,E,F Method(MPN Method)
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Waste Water (Sewage)	Total Coliforms	APHA 23rd Edition, 9221B,C Method(MPN Method)
7	BIOLOGICAL- WATER	Drinking Water	E.coli	IS 15185 (MF Method)
8	BIOLOGICAL- WATER	Drinking water	E.coli	IS 15185 (MF Method)
9	BIOLOGICAL- WATER	Drinking Water	E.coli / Feacal Coliform	APHA 23rd Edition, 9221 B,C,E,F Method(MPN Method)
10	BIOLOGICAL- WATER	Drinking Water	E.coli/Feacal Coliform	IS 1622 (MPN Method)
11	BIOLOGICAL- WATER	Drinking water	Standard Plate Count or Heterotropic Plate Count or Total Plate Count	IS 1622(Pour Plate Method)
12	BIOLOGICAL- WATER	Drinking water	Standard Plate Count or Heterotropic Plate Count or Total Plate Count	APHA 23rd Edition 9215 B(Pour Plate Method)
13	BIOLOGICAL- WATER	Drinking Water	Total Coliforms	APHA 23rd Edition, 9221 B,C Method(MPN Method)
14	BIOLOGICAL- WATER	Drinking Water	Total coliforms	IS 15185 (MF Method)
15	BIOLOGICAL- WATER	Drinking water	Total coliforms	IS 1622 (MPN Method)
16	BIOLOGICAL- WATER	Ground Water/ Surface Water	E.coli / Feacal Coliform	APHA 23rd Edition, 9221 B,C,E,F Method(MPN Method)
17	BIOLOGICAL- WATER	Ground Water/ Surface Water	Standard Plate Count or Heterotropic Plate Count or Total Plate Count	APHA 23rd Edition 9215 B(Pour Plate Method)

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18	BIOLOGICAL- WATER	Ground Water/ Surface Water	Standard Plate Count or Heterotropic Plate Count or Total Plate Count	IS 1622 (Pour Plate Method)
19	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total Coliforms	APHA 23rd Edition, 9221 B,C Method(MPN Method)
20	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total coliforms	IS 15185 (MF Method)
21	BIOLOGICAL- WATER	Ground Water/ Surface Water	Total coliforms	IS 1622 (MPN Method)
22	BIOLOGICAL- WATER	Ground Water/Surface Water	E.coli	IS 15185 (MF Method)
23	BIOLOGICAL- WATER	Ground Water/Surface Water	E.coli	IS 15185 (MF Method)
24	BIOLOGICAL- WATER	Ground Water/Surface Water	E.coli	IS 1622 (MPN Method)
25	BIOLOGICAL- WATER	Ground Water/Surface Water	Feacal Coliform	IS 1622 (MPN Method)
26	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nickel (Ni)	BSET/SOP/AA-10
27	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzene	IS:5182 (Part - 11)
28	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	BSET/SOP/AA-10
29	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	APHA 3rd edition,401 Indophenol Blue Method
30	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ammonia (NH3)	IS:5182 (Part - 25)
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Arsenic (As)	BSET/SOP/AA-10
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Benzo (a) Pyrene, (BaP) Particulate phase only	IS:5182 (Part - 12)
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Carbon Monoxide	BSET/SOP/AA-09
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Lead (Pb)	IS 5182 (Part - 22)
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Lead (Pb)	IS 5182 (Part-22)
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Mercury (Hg)	USEPA-IO-3.2, BY AAS – (VGA Cold vapour method)
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Nitrogen dioxide (NO2)	IS 5182 (Part-6)
38	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	APHA 3rd edition,411 method

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39	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Ozone (O3)	IS 5182 :(Part-9)
40	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter – 10 µm (PM10)	IS 5182 (Part-23)
41	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Particulate Matter – 2.5 µm (PM 2.5)	IS:5182 (Part - 24)
42	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Relative Humidity Percentage	IS:5182:(Part-4)
43	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Sulphur Dioxide (SO2)	IS:5182:(Part-2)
44	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Suspended Particulate Matter (SPM)	IS:5182:(Part-4)
45	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Air	Temperature	IS:5182:(Part-4)
46	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Level Leq dB(A)	Ambient Noise Level Leq dB(A)	IS 9989
47	CHEMICAL- ATMOSPHERIC POLLUTION	Fugitive emission	Suspended Particulate Matter (SPM)	IS:5182:(Part-4)
48	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Level	Source Noise Level	IS 4758
49	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Carbon Dioxide (CO2)	BSET/SOP/SE-05 (Electro Chemical Sensor Method)
50	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Carbon Monoxide (CO)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
51	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Mercury	USEPA 29
52	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Nitric Oxide (NO)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
53	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Nitrogen Dioxide (NO2)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
54	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Oxides of Nitrogen (NOx)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
55	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Oxides of Nitrogen (NOx)	IS:11255:(Part-7)
56	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Oxygen (O2)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
57	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Particulate Matter	IS 11255:(Part 1)

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58	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Sulphur Dioxide (SO2)	BSET/SOP/SE-05, (Electro Chemical Sensor Method)
59	CHEMICAL- ATMOSPHERIC POLLUTION	Source/Stack Emissions Monitoring	Sulphur Dioxide (SO2)	IS 11255:(Part 2)
60	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	Ash Content percent	Annex E of IS 9103
61	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	Chloride ion content percent	IS 6925:(Volumetric Method)
62	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	Dry Material Content percent	Annex E of IS 9103
63	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	pH	Annex E of IS 9103
64	CHEMICAL- BUILDING MATERIAL	Concrete Admixtures	Relative density	Annex E of IS 9103
65	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Available alkalies as Na2O	IS 3812:(Part-1): Annexure - C
66	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Calcium as CaO	IS 1727:Cl 5.8 (Gravimetric Method)
67	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Chlorides as Cl	IS 4032:Cl 4.13
68	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Iron as Fe2O3	IS 1727:Cl 5.6
69	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Magnesia as MgO	IS: 1727:Cl 5.9 (Gravimetric Method)
70	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Total Sulphur as Sulphuric anhydride (SO3)	IS 1727:Cl 5.10
71	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Alumina as Al2O3	IS 1727:Cl 5.7
72	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Loss on Ignition	IS 1727: Cl 5.3
73	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Silica as SiO2	IS 1727:Cl 5.4
74	CHEMICAL- BUILDING MATERIAL	Fly Ash/ Bottom Ash/ Pulverized Fuel Ash	Available alkalies as Na2O	IS 3812:(Part-2): Annexure - B
75	CHEMICAL- BUILDING MATERIAL	GGBS Granulated Slag UGGBS	Moisture	Annex B of IS 16714
76	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Alumina as Al2O3	IS 4032: Cl 4.6.1 (Gravimetric Method)

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77	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Alumina as Al2O3	IS 4032: Cl 4.6.2 (EDTA Method)
78	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Calcium as CaO	IS 4032: Cl 4.7.2 & 6.7.2 (EDTA Method)
79	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	CaO+MgO+ Al2O3 / SiO2	IS 16714 (By Calculation)
80	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	CaO+MgO+1/3Al2O3 / SiO2+2/3Al2O3	IS 16714 (By Calculation)
81	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Chlorides as Cl	IS 4032: Cl 4.13
82	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Insoluble residue	IS 4032:Cl 4.10
83	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Iron as Fe2O3	IS 4032:Cl 4.5.1 (Potassium Permanganate Method)
84	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Iron as Fe2O3	IS 4032:Cl 4.5.2 (EDTA Method)
85	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Loss in Ignition	IS 4032: Cl 4.2
86	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Magnesia as MgO	IS 4032:Cl 4.8.2 & 6.8.2(EDTA Method)
87	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Manganese oxide as MnO	IS 12423 (Colorimetric Method)
88	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Manganese oxide as MnO	IS 4032:Cl 6.10
89	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Silica as SiO2	IS 4032:Cl 4.3
90	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Sulphate as (SO3)	IS 4032:Cl 4.9
91	CHEMICAL- BUILDING MATERIAL	GGBS, Granulated Slag, UGGBS	Sulphide Sulphur	IS 4032:Cl 6.12
92	CHEMICAL- BUILDING MATERIAL	OPC 33, 43, 53, 43S & 53S Grades	Ratio of percentage of alumina to that of iron oxide Al2O3 / Fe2O3	IS: 269 (By Calculation)
93	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53, 43S & 53S Grades, WPC, SRPC	Ratio of % lime to % of SiO2, Al2O3 and Fe2O3 (CaO - 0.7SO3 / 2.8SiO2+1.2Al2O3+0.65Fe2O3)	IS: 269 (By Calculation)

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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
94	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Alkalies as Na2O	IS 4032 :1985 (By calculation)
95	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Alumina as Al2O3	IS 4032 Cl 4.6.2 (EDTA Method)
96	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Alumina as Al2O3	IS 4032:,Cl 4.6.1 (Gravimetric Method)
97	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Calcium as CaO	IS 4032, Cl 4.7.2 & 6.7.2 (EDTA Method)
98	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Chlorides as Cl	IS 4032 , Cl 4.13
99	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Insoluble residue	IS 4032: Cl 4.10
100	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Insoluble residue	IS 4032: Cl 4.10
101	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Iron as Fe2O3	IS 4032: Cl 4.5.1 (Potassium Permanganate Method)
102	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Iron as Fe2O3	IS 4032: Cl 4.5.2 (EDTA Method)
103	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Loss in Ignition	IS 4032:Cl 4.2
104	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Magnesia as MgO	IS 4032: Cl 4.8.2 & 6.8.2(EDTA Method)
105	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Potassium as K2O	BSET/SOP/BM-02
106	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Potassium as K2O	IS 4032: Cl 4.11
107	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Silica as SiO2	IS 4032: Cl 4.3
108	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Sodium as Na2O	BSET/SOP/BM-01
109	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Sodium as Na2O	IS 4032: Cl 4.11
110	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Sulphide Sulphur	IS 4032: Cl 6.12
111	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Sulphur Trioxide as SO3	IS 4032: Cl-6.11
112	CHEMICAL- BUILDING MATERIAL	OPC 33,43,53,43 S & 53 S Grades ,WPC,PPC,PSC,SRPC Composite Cement	Total Sulphur as Sulphuric anhydride (SO3)	IS 4032: Cl 4.9

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113	CHEMICAL- ORES & MINERALS	(Bauxite)	Alumina as Al2O3	IS: 2000 :(Part 3)
114	CHEMICAL- ORES & MINERALS	(Bauxite)	Ferric Oxide as Fe2O3	IS 2000: (Part 4)
115	CHEMICAL- ORES & MINERALS	(Bauxite)	Loss on Ignition	IS 2000:(Part 1)
116	CHEMICAL- ORES & MINERALS	(Bauxite)	Silica as SiO2	IS 2000:(Part 2)
117	CHEMICAL- ORES & MINERALS	(Bauxite)	Titanium as TiO2	IS 2000:(Part 5)
118	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Alumina as Al2O3	IS 1917:(Part 4)
119	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Iron as Fe2O3	IS 1917:(Part 5)
120	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Loss On Ignition	IS 1917:(Part 1)
121	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Potassium as K2O	IS 1917:(Part 2)
122	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Silica as SiO2	IS 1917:(Part 3)
123	CHEMICAL- ORES & MINERALS	(Quartz/Quartzite Silica sand)	Sodium as Na2O	IS 1917:(Part 2)
124	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Alumina as Al2O3	IS 1493:(Part 1)
125	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Alumina as Al2O3	IS 1493:(Part 4) By AAS
126	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Iron as Fe	IS 1493:(Part 1)
127	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Moisture	IS 1493:(Part 1)
128	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Phosphorous as P	IS 1493:(Part 1)
129	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Silica as SiO2	IS 1493:(Part 1)
130	CHEMICAL- ORES & MINERALS	Hematite & Magnetite	Sulphur as S	IS 1493:(Part 1)
131	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Alumina as Al2O3	IS 1760:(Part 3)

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132	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Calcium Oxide as CaO	IS 1760:(Part 3)
133	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Chloride as Cl	IS 1760:(Part 5)
134	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric oxide as Fe2O3	BSET/SOP/O&M – 02 (Titrimetric Method)
135	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Ferric oxide as Fe2O3	IS 1760:(Part 3)
136	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Free Silica	IS 1760:(Part 6)
137	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Loss on Ignition	IS 1760:(Part 1)
138	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Magnesium as MgO	IS 1760:(Part 3)
139	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Potassium as K2O	BSET/SOP/O&M – 04
140	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Silica as SiO2	IS 1760:(Part 2)
141	CHEMICAL- ORES & MINERALS	Limestone & Dolomite	Sodium as Na2O	BSET/SOP/O&M – 03
142	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Acid Extractable Copper as Cu	USEPA 3050B
143	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Acid Extractable Mnaganese as Mn	USEPA 3050B
144	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Acid Extractable Zinc as Zn	USEPA 3050B
145	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable / Available Calcium as Ca	BSET/SOP/SS-01
146	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable / Available Magnesium as Mg	BSET/SOP/SS-02
147	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable / Available Phosphorous as P2O5	BSET/SOP/SS-11,BSET/SOP/SS-10-Bray's method.
148	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable / Available Potassium as K2O	BSET/SOP/SS-09
149	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Exchangeable / Available Sodium as Na2O	BSET/SOP/SS-08
150	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Mineralized / Available Nitrogen as N	BSET/SOP/SS-13

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151	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Available Sulphur	BSET/SOP/SS-15
152	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Electrical Conductivity	IS 14767
153	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Exchangeable / Available Calcium as Ca	BSET/SOP/SS-01
154	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Exchangeable / Available Magnesium as Mg	BSET/SOP/SS-02
155	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Exchangeable / Available Phosphorous as P2O5	BSET/SOP/SS-11,BSET/SOP/SS-10-Bray's method.
156	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Exchangeable / Available Potassium as K2O	BSET/SOP/SS-09
157	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Exchangeable / Available Sodium as Na2O	BSET/SOP/SS-08,
158	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Hexavalent chromium as Cr6+	USEPA 3060A ,SW-846 USEPA 7196 A
159	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Mineralized / Available Nitrogen as N	BSET/SOP/SS-13
160	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Moisture	IS 2720:(Part 2)
161	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Organic Carbon	BSET/SOP/SS-07
162	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Organic Matter	BSET/SOP/SS-14
163	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	pH	IS 2720:(Part 26)
164	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Sodium Absorption Ratio (SAR) of Exchangable ions.	BSET/SOP/SS-17(By Calculation)
165	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Soil Texture: Sand	BSET/SOP/SS-16, Hydro meter method
166	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Soil Texture: Silt	BSET/SOP/SS-16, Hydro meter method
167	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Soil Texture:Clay	BSET/SOP/SS-16 , Hydro meter method
168	CHEMICAL- POLLUTION & ENVIRONMENT	Soils	Water Extractable Chloride as Cl	BSET/SOP/SS-03.
169	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Ammonical Nitrogen as N	4500-NH3 C, Titrimetric Method , APHA 23rd Edition

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170	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Ammonical Nitrogen as N	IS 3025:(Part-34):, Titrimetric Method
171	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Biochemical Oxygen Demand for 3 days @ 27 °C (BOD3)	IS 3025:(Part-44)
172	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Boron as B	4500-B, B, Curcumin Method, APHA 23rd Edition
173	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Cadmium as Cd	3111B , AAS Method , APHA 23rd Edition
174	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chemical Oxygen Demand (COD)	5220 B, APHA 23rd Edition
175	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chemical Oxygen Demand (COD)	IS 3025:(Part 58):
176	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chloride as Cl	4500-Cl- B&C APHA 23rd Edition
177	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Chloride as Cl	IS 3025:(Part 32): Argentometric Method
178	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Copper as Cu	3111B , AAS Method , APHA 23rd Edition
179	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Cyanide as CN	4500 CN E, APHA 23rd Edition
180	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Fluoride as F	4500-F- D, SPADNS Method, APHA 23rd Edition
181	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Free Residual Chlorine	IS 3025:(Part 26) , Iodometric Method
182	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Hexavalent Chromium as Cr6+	3500-Cr B,Colorimetric Method, APHA 23rd Edition
183	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Iron as Fe	3111 B,by AAS , APHA 23rd Edition
184	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Iron as Fe	IS 3025:(Part 53):,1-10 Phenanthroline
185	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Lead as Pb	3111 B & C , AAS Method, APHA 23rd Edition
186	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Manganese as Mn	3111B,AAS Method, APHA 23rd Edition
187	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Mercury as Hg	3112 B, Cold Vapour AAS Method , APHA 23rd Edition
188	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Mixed Liquor Suspended Solids (MLSS)	2540 D, APHA 23rd Edition

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189	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Mixed Liquor Suspended Solids (MLSS)	IS 3025:(Part 17)
190	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Mixed Liquor Volatile Suspended Solids (MLVSS)	2540 E, APHA 23rd Edition
191	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Mixed Liquor Volatile Suspended Solids (MLVSS)	IS 3025:(Part 18)
192	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Nickel as Ni	3111B , AAS Method, APHA 23rd Edition
193	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Oil and Grease	5520 B, APHA 23rd Edition
194	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Oil and Grease	IS 3025:(Part 39):Partition Gravimetric Method
195	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	pH	4500-H+ B, APHA 23rd Edition
196	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	pH	IS 3025:(Part 11)
197	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Phenolic Compounds	5530 B, C & D , APHA 23rd Edition
198	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Phenolic Compounds	IS 3025:(Part 43)
199	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Phosphorous as P	4500-P D & E, APHA 23rd Edition
200	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Selenium as Se	3114 C , Hydride Generation/AAS Method , APHA 23rd Edition
201	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Sulphate as SO4	IS 3025:(Part 24):,Turbidity Method
202	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Sulphide as S2-	4500 S2-, F , Iodometric Method , APHA 23rd Edition
203	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Sulphide as S2-	4500-S2-, D , Methylene Blue Method , APHA 23rd Edition
204	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Temperature	2550 B, APHA 23rd Edition
205	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Arsenic as As	3114C , Hydride Generation/AAS Method , APHA 23rd Edition
206	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Chromium as Cr	3111B , AAS Method , APHA 23rd Edition

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207	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Dissolved Solids (TDS) at 105°C	IS 3025:(Part 16)
208	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Kjeldahl Nitrogen as N	4500-N(org) B, APHA 23rd Edition
209	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Kjeldahl Nitrogen as N	IS 3025:(Part 34): Macro Kjeldahl Method
210	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Suspended Solids (TSS)	2540 D, APHA 23rd Edition
211	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Suspended Solids (TSS)	IS 3025:(Part 17)
212	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Volatile Suspended Solids (TVSS)	2540 E, APHA 23rd Edition
213	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Total Volatile Suspended Solids (TVSS)	IS 3025:(Part 18)
214	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Vanadium as V	3500 V B , Gallic Acid Method , APHA 23rd Edition
215	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents / Sewage)	Zinc as Zn	3111B , AAS Method , APHA 23rd Edition
216	CHEMICAL- RESIDUES IN WATER	Water	Boron as B	4500-B, B, Curcumin Method, APHA 23rd Edition
217	CHEMICAL- RESIDUES IN WATER	Water	Aluminum as Al	3500 Al B , Erichrome Cyanine R Method , APHA 23rd Edition
218	CHEMICAL- RESIDUES IN WATER	Water	Aluminum as Al	IS 3025:(Part 55): Erichrome Cyanine R Method
219	CHEMICAL- RESIDUES IN WATER	Water	Anionic Detergents (as MBAS)	Annexure K of IS 13428
220	CHEMICAL- RESIDUES IN WATER	Water	Barium as Ba	3111 D , AAS Method , APHA 23rd Edition
221	CHEMICAL- RESIDUES IN WATER	Water	Barium as Ba	IS 15302: AAS Method
222	CHEMICAL- RESIDUES IN WATER	Water	Boron as B	4500-B, B, Curcumin Method, APHA 23rd Edition
223	CHEMICAL- RESIDUES IN WATER	Water	Cadmium as Cd	3111 B , AAS Method , APHA 23rd Edition
224	CHEMICAL- RESIDUES IN WATER	Water	Copper as Cu	3111 B , AAS Method , APHA 23rd Edition
225	CHEMICAL- RESIDUES IN WATER	Water	Cyanide as CN	4500 CN E, Colorimetric Method, APHA 23rd Edition

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226	CHEMICAL- RESIDUES IN WATER	Water	Iron as Fe	IS 3025:(Part 53): 1-10 Phenanthroline
227	CHEMICAL- RESIDUES IN WATER	Water	Iron as Fe	3111 B,by AAS , APHA 23rd Edition
228	CHEMICAL- RESIDUES IN WATER	Water	Lead as Pb	3111 B , AAS Method , APHA 23rd Edition
229	CHEMICAL- RESIDUES IN WATER	Water	Manganese as Mn	3111 B , AAS Method , APHA 23rd Edition
230	CHEMICAL- RESIDUES IN WATER	Water	Mercury as Hg	3112 B , Cold Vapour AAS Method , APHA 23rd Edition
231	CHEMICAL- RESIDUES IN WATER	Water	Mineral Oil	Cl 6 of IS: 3025 (Part-39) FTIR (Quantitative Method)
232	CHEMICAL- RESIDUES IN WATER	Water	Nickel as Ni	3111 B , AAS Method , APHA 23rd Edition
233	CHEMICAL- RESIDUES IN WATER	Water	Phenolic Compounds	5530 B & C,Chloroform Extraction Method , APHA 23rd Edition
234	CHEMICAL- RESIDUES IN WATER	Water	Phenolic Compounds	IS 3025:(Part 43): Chloroform Extraction Method
235	CHEMICAL- RESIDUES IN WATER	Water	Selenium as Se	3114 C , Hydride Generation / AAS Method , APHA 23rd Edition
236	CHEMICAL- RESIDUES IN WATER	Water	Silver as Ag	3111 B , AAS Method , APHA 23rd Edition
237	CHEMICAL- RESIDUES IN WATER	Water	Total Arsenic as As	3114 C , Hydride Generation / AAS Method , APHA 23rd Edition
238	CHEMICAL- RESIDUES IN WATER	Water	Total Chromium	3111 B , AAS Method , APHA 23rd Edition
239	CHEMICAL- RESIDUES IN WATER	Water	Zinc as Zn	3111 B , AAS Method , APHA 23rd Edition
240	CHEMICAL- SOLID FUELS	Coal	Ash	IS 1350:(Part 1)
241	CHEMICAL- SOLID FUELS	Coal	Fixed carbon	IS 1350:(Part 1)
242	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value	IS 1350:(Part 2)
243	CHEMICAL- SOLID FUELS	Coal	Moisture	IS 1350:(Part 1)
244	CHEMICAL- SOLID FUELS	Coal	Sulphur as S	IS 1350:(Part 3)
245	CHEMICAL- SOLID FUELS	Coal	Volatile Matter	IS 1350:(Part 1)

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246	CHEMICAL- SOLID FUELS	Lignite	Ash	IS 1350:(Part 1)
247	CHEMICAL- SOLID FUELS	Lignite	Fixed carbon	IS 1350:(Part 1)
248	CHEMICAL- SOLID FUELS	Lignite	Gross Calorific Value	IS 1350:(Part 2)
249	CHEMICAL- SOLID FUELS	Lignite	Moisture	IS 1350:(Part 1)
250	CHEMICAL- SOLID FUELS	Lignite	Sulphur as S	IS 1350:(Part 3)
251	CHEMICAL- SOLID FUELS	Lignite	Volatile Matter	IS 1350:(Part 1)
252	CHEMICAL- WATER	Construction Water	Acidity:(Volume (ml) of 0.02N NaOH required to neutralize 100 ml sample using phenolphthalein indicator)	APHA 23rd Edition 2310 B
253	CHEMICAL- WATER	Construction Water	Acidity:(Volume (ml) of 0.02N NaOH required to neutralize 100 ml sample using phenolphthalein indicator)	IS 3025:(Part 22): Indicator Method
254	CHEMICAL- WATER	Construction Water	Alkalinity:(Volume (ml) of 0.02N H2SO4 required to neutralize 100 ml sample using mixed indicator)	APHA 23rd Edition 2320 B
255	CHEMICAL- WATER	Construction Water	Alkalinity:(Volume (ml) of 0.02N H2SO4 required to neutralize 100 ml sample using mixed indicator)	IS 3025:(Part 23): Indicator Method
256	CHEMICAL- WATER	Construction Water	Chloride as Cl	4500-Cl- B, APHA 23rd Edition
257	CHEMICAL- WATER	Construction Water	Chloride as Cl	IS 3025:(Part 32); Argentometric Method
258	CHEMICAL- WATER	Construction Water	In Organic Solids	IS 3025:(Part 18)
259	CHEMICAL- WATER	Construction Water	Organic Solids	IS 3025:(Part 18)
260	CHEMICAL- WATER	Construction Water	pH	APHA 23rd Edition 4500-H+ B
261	CHEMICAL- WATER	Construction Water	pH	IS 3025:(Part 11)
262	CHEMICAL- WATER	Construction Water	Sulphate as SO3 / SO4	4500-SO4 E, APHA 23rd Edition , Turbidity Method
263	CHEMICAL- WATER	Construction Water	Sulphate as SO3 / SO4	IS 3025:(Part 24),Turbidity Method
264	CHEMICAL- WATER	Construction Water	Total Dissolved Solids (TDS)	IS 3025:(Part 16),at 105°C
265	CHEMICAL- WATER	Construction Water	Total Suspended Solids (TSS)	2540 D, APHA 23rd Edition
266	CHEMICAL- WATER	Construction Water	Total Suspended Solids (TSS)	IS 3025:(Part 17)

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267	CHEMICAL- WATER	Drinking Water	Bicarbonate as HCO3	2320 B, APHA 23rd Edition
268	CHEMICAL- WATER	Drinking Water	Bicarbonate as HCO3	IS 3025 (Part-23)
269	CHEMICAL- WATER	Drinking Water	Calcium as Ca	3500-Ca B, APHA 23rd Edition
270	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025:(Part 40), EDTA Titration Method
271	CHEMICAL- WATER	Drinking Water	Carbonate as Co3	2320 B, APHA 23rd Edition
272	CHEMICAL- WATER	Drinking Water	Carbonate as CO3	IS 3025 (Part-23)
273	CHEMICAL- WATER	Drinking Water	Chloride as Cl	4500-Cl- B, APHA 23rd Edition
274	CHEMICAL- WATER	Drinking Water	Chloride as Cl	IS 3025:(Part 32) , Argentometric Method
275	CHEMICAL- WATER	Drinking Water	Colour	2120B, AHPA 23rd Edition
276	CHEMICAL- WATER	Drinking Water	Colour	IS 3025:(Part 4)
277	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	2510 B, APHA 23rd Edition
278	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025:(Part 14)
279	CHEMICAL- WATER	Drinking Water	Fluoride as F	4500-F- D,SPADNS Method , APHA 23rd Edition
280	CHEMICAL- WATER	Drinking Water	Free Residual chlorine	IS 3025:(Part 26) ,Stabilized Neutral Ortho Toluidine Method
281	CHEMICAL- WATER	Drinking Water	Free Residual chlorine	IS 3025:(Part 26): Iodometric Method
282	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	3500-Mg B, Calculation Method, APHA 23rd Edition
283	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025:(Part 46) , Volumetric Method using EDTA, Calculation Method
284	CHEMICAL- WATER	Drinking Water	Nitrate as NO3	4500-NO3 B, APHA 23rd Edition
285	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	4500-NO2 B, APHA 23rd Edition
286	CHEMICAL- WATER	Drinking Water	Nitrite as NO2	IS 3025:(Part 34),Nitrite Nitrogen
287	CHEMICAL- WATER	Drinking Water	Odour	IS 3025:(Part-5)
288	CHEMICAL- WATER	Drinking Water	pH	4500-H+ B, APHA 23rd Edition
289	CHEMICAL- WATER	Drinking Water	pH	IS 3025:(Part 11)
290	CHEMICAL- WATER	Drinking Water	Potassium as K	3500-K B,Flame Photometry Method , APHA 23rd Edition

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291	CHEMICAL- WATER	Drinking Water	Potassium as K	IS 3025:(Part 45):, Flame Photometry Method
292	CHEMICAL- WATER	Drinking Water	Residual Sodium Carbonate (RSC)	IS 11624 (By Calculation)
293	CHEMICAL- WATER	Drinking Water	Silica as SiO2	4500 SiO2 C,Molybdo Silicate Method , APHA 23rd Edition
294	CHEMICAL- WATER	Drinking Water	Silica as SiO2	IS 3025:(Part 35), Molybdo Silicate Method
295	CHEMICAL- WATER	Drinking Water	Sodium Absorption Ratio (SAR)	IS 11624 By Calculation
296	CHEMICAL- WATER	Drinking Water	Sodium as Na	3500-Na B,Flame Photometry Method,APHA 23rd Edition
297	CHEMICAL- WATER	Drinking Water	Sodium as Na	IS 3025:(Part 45),Flame Photometry Method
298	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	4500-SO4 E,Turbidity Method, APHA 23rd Edition
299	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	IS 3025:(Part 24) ,Turbidity Method
300	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	2320 B, APHA 23rd Edition
301	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025:(Part 23) ,Indicator Method
302	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025:(Part 16), at 105°C
303	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	2340 C, APHA 23rd Edition
304	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025:(Part 21)
305	CHEMICAL- WATER	Drinking Water	Turbidity	2130 B, APHA 23rd Edition
306	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025:(Part 10)
307	CHEMICAL- WATER	Ground Water	Bicarbonate as HCO3	2320 B, APHA 23rd Edition
308	CHEMICAL- WATER	Ground Water	Bicarbonate as HCO3	IS 3025 (Part-23)
309	CHEMICAL- WATER	Ground Water	Calcium as Ca	3500-Ca B, APHA 23rd Edition
310	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025:(Part 40) , EDTA Titration Method
311	CHEMICAL- WATER	Ground Water	Carbonate as CO3	2320 B, APHA 23rd Edition
312	CHEMICAL- WATER	Ground Water	Carbonate as CO3	IS:3025 (Part-23)
313	CHEMICAL- WATER	Ground Water	Chloride as Cl	4500-Cl- B, APHA 23rd Edition
314	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025:(Part 32) , Argentometric Method

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
315	CHEMICAL- WATER	Ground Water	Colour	2120B, AHPA 23rd Edition
316	CHEMICAL- WATER	Ground Water	Colour	IS 3025:(Part 4)
317	CHEMICAL- WATER	Ground Water	Electrical Conductivity	2510 B, APHA 23rd Edition
318	CHEMICAL- WATER	Ground Water	Electrical Conductivity	IS 3025:(Part 14)
319	CHEMICAL- WATER	Ground Water	Fluoride as F	4500-F- D,SPADNS Method , APHA 23rd Edition
320	CHEMICAL- WATER	Ground Water	Magnesium as Mg	3500-Mg B, Calculation Method, APHA 23rd Edition
321	CHEMICAL- WATER	Ground Water	Magnesium as Mg	IS 3025:(Part 46) , Volumetric Method using EDTA, Calculation Method
322	CHEMICAL- WATER	Ground water	Nitrate as NO3	4500-NO3 B, APHA 23rd Edition
323	CHEMICAL- WATER	Ground Water	Nitrite as NO2	4500-NO2 B, APHA 23rd Edition
324	CHEMICAL- WATER	Ground Water	Nitrite as NO2	IS 3025:(Part 34) , Nitrite Nitrogen
325	CHEMICAL- WATER	Ground Water	Odour	IS 3025:(Part-5)
326	CHEMICAL- WATER	Ground Water	pH	4500-H+ B , APHA 23rd Edition
327	CHEMICAL- WATER	Ground water	pH	S 3025:(Part 11)
328	CHEMICAL- WATER	Ground Water	Potassium as K	3500-K B,Flame Photometry Method , APHA 23rd Edition
329	CHEMICAL- WATER	Ground Water	Potassium as K	IS 3025:(Part 45) , Flame Photometry Method
330	CHEMICAL- WATER	Ground Water	Residual Sodium Carbonate (RSC)	IS 11624 (By Calculation)
331	CHEMICAL- WATER	Ground Water	Silica as SiO2	4500 SiO2 C,Molybdo Silicate Method , APHA 23rd Edition
332	CHEMICAL- WATER	Ground Water	Silica as SiO2	IS 3025:(Part 35) , Molybdo Silicate Method
333	CHEMICAL- WATER	Ground Water	Sodium Absorption Ratio (SAR)	IS 11624 By Calculation
334	CHEMICAL- WATER	Ground Water	Sodium as Na	3500-Na B,Flame Photometry Method,APHA 23rd Edition
335	CHEMICAL- WATER	Ground Water	Sodium as Na	IS 3025:(Part 45) , Flame Photometry Method
336	CHEMICAL- WATER	Ground Water	Sulphate as SO4	4500-SO4 E,Turbidity Method, APHA 23rd Edition

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337	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025:(Part 24) , Turbidity Method
338	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	IS 3025:(Part 23) , Indicator Method
339	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCO3	2320 B, APHA 23rd Edition
340	CHEMICAL- WATER	Ground Water	Total Dissolved Solids (TDS)	IS 3025:(Part 16) , at 105°C
341	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	2340 C, APHA 23rd Edition
342	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025:(Part 21)
343	CHEMICAL- WATER	Ground Water	Turbidity	2130 B, APHA 23rd Edition
344	CHEMICAL- WATER	Ground Water	Turbidity	IS 3025:(Part 10)
345	CHEMICAL- WATER	Irrigation Water	Bicarbonate as HCO3	2320 B, APHA 23rd Edition
346	CHEMICAL- WATER	Irrigation Water	Bicarbonate as HCO3	IS 3025 (Part-23)
347	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	3500-Ca B, APHA 23rd Edition
348	CHEMICAL- WATER	Irrigation Water	Calcium as Ca	IS 3025:(Part 40) , EDTA Titration Method
349	CHEMICAL- WATER	Irrigation Water	Carbonate as CO3	2320 B, APHA 23rd Edition
350	CHEMICAL- WATER	Irrigation Water	Carbonate as CO3	IS 3025 (Part-23)
351	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	IS 3025:(Part 46) , Volumetric Method using EDTA, Calculation Method
352	CHEMICAL- WATER	Irrigation Water	Magnesium as Mg	3500-Mg B, Calculation Method, APHA 23rd Edition
353	CHEMICAL- WATER	Irrigation Water	pH	APHA 23rd Edition 4500-H+ B
354	CHEMICAL- WATER	Irrigation Water	pH	IS 3025:(Part 11)
355	CHEMICAL- WATER	Irrigation Water	Residual Sodium Carbonate (RSC)	IS 11624 (By Calculation)
356	CHEMICAL- WATER	Irrigation Water	Sodium Absorption Ratio (SAR)	IS 11624 By Calculation
357	CHEMICAL- WATER	Irrigation Water	Sodium as Na	3500-Na B,Flame Photometry Method,APHA 23rd Edition
358	CHEMICAL- WATER	Irrigation Water	Sodium as Na	IS 3025:(Part 45) , Flame Photometry Method
359	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	2320 B, APHA 23rd Edition
360	CHEMICAL- WATER	Irrigation Water	Total Alkalinity as CaCO3	IS 3025:(Part 23) , Indicator Method

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
361	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	2340 C, APHA 23rd Edition
362	CHEMICAL- WATER	Irrigation Water	Total Hardness as CaCO3	IS 3025:(Part 21)
363	CHEMICAL- WATER	Irrigation Water	Total Salt Concentration as Electrical Conductivity	2510 B, APHA 23rd Edition
364	CHEMICAL- WATER	Irrigation Water	Total Salt Concentration as Electrical Conductivity	IS 3025:(Part 14)
365	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as N	4500-NH3 C, APHA 23rd Edition -Titrimetric Method
366	CHEMICAL- WATER	Surface Water	Ammonical Nitrogen as N	IS:3025 (Part-34) ,Titrimetric Method
367	CHEMICAL- WATER	Surface Water	Bicarbonate as HCO3	2320 B, APHA 23rd Edition
368	CHEMICAL- WATER	Surface Water	Bicarbonate as HCO3	IS 3025 (Part-23)
369	CHEMICAL- WATER	Surface Water	Biochemical Oxygen Demand for 3 days @ 27 0 C (BOD3)	IS:3025 (Part-44)
370	CHEMICAL- WATER	Surface Water	Calcium as Ca	3500-Ca B, APHA 23rd Edition
371	CHEMICAL- WATER	Surface Water	Calcium as Ca	IS 3025:(Part 40) , EDTA Titration Method
372	CHEMICAL- WATER	Surface Water	Carbonate as CO3	2320 B, APHA 23rd Edition
373	CHEMICAL- WATER	Surface Water	Carbonate as CO3	IS 3025 (Part-23)
374	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	5220 B, APHA 23rd Edition
375	CHEMICAL- WATER	Surface Water	Chemical Oxygen Demand (COD)	IS:3025 (Part-58)
376	CHEMICAL- WATER	Surface Water	Chloride as Cl	4500-Cl- B, APHA 23rd Edition
377	CHEMICAL- WATER	Surface Water	Chloride as Cl	IS 3025:(Part 32) , Argentometric Method
378	CHEMICAL- WATER	Surface Water	Colour	2120B, AHPA 23rd Edition
379	CHEMICAL- WATER	Surface Water	Colour	IS 3025:(Part 4)
380	CHEMICAL- WATER	Surface Water	Dissolve Oxygen(DO)	IS 3025 (Part-38)
381	CHEMICAL- WATER	Surface Water	Dissolved Oxygen(DO)	4500-O ,C APHA 23rd Edition
382	CHEMICAL- WATER	Surface Water	Electrical Conductivity	2510 B, APHA 23rd Edition
383	CHEMICAL- WATER	Surface Water	Electrical Conductivity	IS 3025:(Part 14)
384	CHEMICAL- WATER	Surface Water	Fluoride as F	4500-F- D,SPADNS Method , APHA 23rd Edition

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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
385	CHEMICAL- WATER	Surface Water	Free Residual chlorine	IS 3025:(Part 26) , Iodometric Method
386	CHEMICAL- WATER	Surface Water	Free Residual chlorine	IS 3025:(Part 26) , Stabilized Neutral Ortho Toluidine Method
387	CHEMICAL- WATER	Surface Water	Magnesium as Mg	IS 3025:(Part 46) , Volumetric Method using EDTA, Calculation Method
388	CHEMICAL- WATER	Surface Water	Magnesium as Mg	3500-Mg B, Calculation Method, APHA 23rd Edition
389	CHEMICAL- WATER	Surface Water	Nitrate as NO3	4500-NO3 B, APHA 23rd Edition
390	CHEMICAL- WATER	Surface Water	Nitrite as NO2	4500-NO2 B, APHA 23rd Edition
391	CHEMICAL- WATER	Surface Water	Nitrite as NO2	S 3025:(Part 34) , Nitrite Nitrogen
392	CHEMICAL- WATER	Surface Water	Odour	IS 3025:(Part-5)
393	CHEMICAL- WATER	Surface Water	pH	4500-H+ B, APHA 23rd Edition
394	CHEMICAL- WATER	Surface Water	pH	IS 3025:(Part 11)
395	CHEMICAL- WATER	Surface Water	Potassium as K	3500-K B,Flame Photometry Method , APHA 23rd Edition
396	CHEMICAL- WATER	Surface Water	Potassium as K	IS 3025:(Part 45): Flame Photometry Method
397	CHEMICAL- WATER	Surface Water	Residual Sodium Carbonate (RSC)	IS 11624 (By Calculation)
398	CHEMICAL- WATER	Surface Water	Silica as SiO2	4500 SiO2 C,Molybdo Silicate Method , APHA 23rd Edition
399	CHEMICAL- WATER	Surface Water	Silica as SiO2	IS 3025:(Part 35) , Molybdo Silicate Method
400	CHEMICAL- WATER	Surface water	Sodium Absorption Ratio (SAR)	IS 11624 By Calculation
401	CHEMICAL- WATER	Surface Water	Sodium as Na	3500-Na B,Flame Photometry Method,APHA 23rd Edition
402	CHEMICAL- WATER	Surface Water	Sodium as Na	IS 3025:(Part 45) , Flame Photometry Method
403	CHEMICAL- WATER	Surface Water	Sulphate as SO4	4500-SO4 E,Turbidity Method, APHA 23rd Edition
404	CHEMICAL- WATER	Surface Water	Sulphate as SO4	IS 3025:(Part 24) , Turbidity Method
405	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	2320 B, APHA 23rd Edition

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406	CHEMICAL- WATER	Surface Water	Total Alkalinity as CaCO3	IS 3025:(Part 23) , Indicator Method
407	CHEMICAL- WATER	Surface Water	Total Dissolved Solids (TDS)	IS 3025:(Part 16) , at 105°C
408	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	IS 3025:(Part 21)
409	CHEMICAL- WATER	Surface Water	Total Hardness as CaCO3	2340 C, APHA 23rd Edition
410	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	2540 D, APHA 23rd Edition
411	CHEMICAL- WATER	Surface Water	Total Suspended Solids (TSS)	IS:3025 (Part-17)
412	CHEMICAL- WATER	Surface Water	Turbidity	2130 B, APHA 23rd Edition
413	CHEMICAL- WATER	Surface Water	Turbidity	IS 3025:(Part 10)
414	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	4500-Cl- B, APHA 23rd Edition
415	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025:(Part 32) , Argentometric Method
416	CHEMICAL- WATER	Water for Swimming Pool	Colour	2120B, AHPA 23rd Edition
417	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025:(Part 4)
418	CHEMICAL- WATER	Water for Swimming Pool	Free Residual chlorine	IS 3025:(Part 26) , Iodometric Method
419	CHEMICAL- WATER	Water for Swimming Pool	Free Residual chlorine	IS 3025:(Part 26) , Stabilized Neutral Ortho Toluidine Method
420	CHEMICAL- WATER	Water for Swimming Pool	Oxygen Absorbed in 4 hrs. at 27 °C	IS 3025:(Part 63)
421	CHEMICAL- WATER	Water for Swimming Pool	pH	APHA 23rd Edition 4500-H+ B
422	CHEMICAL- WATER	Water for Swimming Pool	pH	IS 3025:(Part 11)
423	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	2320 B, APHA 23rd Edition
424	CHEMICAL- WATER	Water for Swimming Pool	Total Alkalinity as CaCO3	IS 3025:(Part 23) , Indicator Method
425	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solids (TDS)	IS 3025:(Part 16) ,at 105°C
426	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	2130 B, APHA 23rd Edition
427	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025:(Part 10)