National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : LIFE SHELL LABS INDIA PRIVATE LTD., NO 20, NEHRU STREET, MARUTHI NAGAR PHASE-1, IYYAPPANTHANGAL, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 26/03/2021 to 25/03/2023 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent water and Sewage water	E. coli	APHA 23rd Edition 9221 F
2	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent water and Sewage water	Fecal Coliforms	APHA 23rd Edition 9221 F
3	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent water and Sewage water	Fecal streptococci	APHA 23rd Edition 9230 B
4	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent water and Sewage water	Heterotrophic plate count	APHA 23rd Edition 9215 B
5	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Effluent water and Sewage water	Total Coliforms	APHA 23rd Edition 9221 B
6	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Plate Exposure Method	Staphylococcus aureus	LSL/SOP/MIC/036
7	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Plate Exposure Method	Total Coliforms	LSL/SOP/MIC/036
8	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Plate Exposure Method	Total Plate Count	LSL/SOP/MIC/036
9	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Plate Exposure Method	Yeast and Mold	LSL/SOP/MIC/036
10	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Method	Coliforms	LSL/SOP/MIC/036
11	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Method	Staphylococcus aureus	LSL/SOP/MIC/036
12	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Method	Total Plate Count	LSL/SOP/MIC/036
13	BIOLOGICAL-ENVIRONMENT AND POLLUTION	Swab Method	Yeast and Mold	LSL/SOP/MIC/036
14	BIOLOGICAL- WATER	Drinking Water	Coliforms	IS 15185

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15	BIOLOGICAL- WATER	Drinking Water	E.coli (Thermotolerant Bacteria)	IS 15185
16	BIOLOGICAL- WATER	Drinking Water	Staphylococcus aureus	IS 5887 Part 2
17	BIOLOGICAL- WATER	Drinking Water	Total Viable Colony Count at 22 degree celsius for 72 hrs	IS 5402
18	BIOLOGICAL- WATER	Drinking water	Total viable colony count at 37 degree celsius for 24 hrs	IS 5402
19	BIOLOGICAL- WATER	Drinking Water	Yeast and Mould Count	IS 5403
20	BIOLOGICAL- WATER	Drinking water and Ground water	E.coli	APHA 23rd Edition 9221 F
21	BIOLOGICAL- WATER	Drinking Water and Ground Water	Fecal Coliforms	APHA 23rd Edition 9221 B
22	BIOLOGICAL- WATER	Drinking water and Ground water	Fecal Coliforms	IS 1622
23	BIOLOGICAL- WATER	Drinking water and Ground water	Total Coliforms	APHA 23rd Edition 9221 F
24	BIOLOGICAL- WATER	Drinking water and Ground water	Total Coliforms	IS 1622
25	BIOLOGICAL- WATER	Ground water	E.coli	IS 1622
26	BIOLOGICAL- WATER	Water for Processed Food Industry	Proteolytic & lipolytic Bacterial count	IS 4251
27	BIOLOGICAL- WATER	Water for Processed Food Industry	Standard Plate Count	IS 1622
28	BIOLOGICAL- WATER	Water for Processed Food Industry	Total Coliforms	IS 1622
29	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Coliforms	IS 1622
30	BIOLOGICAL- WATER	Water for Swimming Pool and Spas	Standard Plate Count	IS 3328 Annex A
31	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ammonia as NH3	CPCB Manual NAAQMS/36 Page No:35-38
32	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Nitrogen dioxide as NO2	IS 5182 Part 6
33	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Ozone (O3)	IS 5182 Part 9
34	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 10	IS 5182 Part 23
35	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	PM 2.5	EPA Appendix L, Part 50
36	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient air	Sulphur dioxide as SO2	IS 5182 :Part 2
37	CHEMICAL- ATMOSPHERIC POLLUTION	Ambient Noise Levels	L Min, L Max, L. eq.	IS 9989

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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
38	CHEMICAL- ATMOSPHERIC POLLUTION	Source Noise Levels	L Min, L Max	IS 9989
39	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	CO	IS 13270
40	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	CO2	IS 13270
41	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	O2	IS 13270
42	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Oxides of Nitrogen as NOx	IS 11255 Part 7
43	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Particulate Matter (PM)	IS 11255 Part 1
44	CHEMICAL- ATMOSPHERIC POLLUTION	Stack emission	Sulphur dioxide as SO2	IS 11255 Part 2
45	CHEMICAL- POLLUTION & ENVIRONMENT	Soil /Sediments	pH Value	IS 2720 Part 26
46	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Calcium Carbonate as CaCO3	Method of analysis for soils of arid and semi-arid Regions, FAO
47	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Chloride as Cl	Method of analysis for soils of arid and semi-arid Regions, FAO
48	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Electrical Conductivity	IS 14767
49	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Organic Matter	IS 2720 Part 22
50	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Calcium as Ca2+	Method of analysis for soils of arid and semi-arid Regions, FAO
51	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Chromium as Cr	Method of analysis for soils of arid and semi-arid Regions, FAO
52	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Magnesium as Mg	Method of analysis for soils of arid and semi-arid Regions, FAO
53	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Potassium as K	Method of analysis for soils of arid and semi-arid Regions, FAO

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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
54	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Soluble Sodium as Na2+	Method of analysis for soils of arid and semi-arid Regions, FAO
55	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Kjheldal Nitrogen as N	IS 14684
56	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Phosphorus as P	IS 10158
57	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Total Soluble Sulphate as SO4	IS 2720 Part 27
58	CHEMICAL- POLLUTION & ENVIRONMENT	Soil/Sediments	Water content	IS 2720 Part 2
59	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Acidity as CaCO3	IS 3025 Part 22
60	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Alkalinity as CaCO3	IS 3025 Part 23
61	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammoniacal Nitrogen as NH3-N	IS 3025 Part 34
62	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bi Carbonate as HCO3	IS 3025 Part 51
63	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Bio Chemical Oxygen Demand (BOD) - 3 days at 27 degree celsius	IS 3025 Part 44
64	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium as Ca	IS 3025 Part 40
65	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	APHA 23rd Edition 5220 B
66	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	IS 3025 Part 58
67	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	IS 3025 Part 32
68	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chlorine Residual	IS 3025 Part 26
69	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 Part 38
70	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Phosphorous as P04	IS 3025 Part 31
71	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Electrical Conductivity	IS 3025 Part 14

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72	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fixed Solids	IS 3025 Part 18
73	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F	APHA 23rd Edition 4500 F D
74	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrate Nitrogen as NO3	APHA 23rd Edition 4500 NO3 B
75	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nitrite Nitrogen as NO2	APHA 23rd Edition 4500 NO2 B
76	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	APHA 23rd Edition 5520 B
77	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	IS 3025 Part 39
78	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH at 25 degree celsius	IS 3025 Part 11
79	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Residual Sodium Carbonate	IS 11624
80	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium Absorption Ratio	IS 11624
81	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sodium as Na	IS 3025 Part 45
82	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	APHA 23rd Edition 4500 SO4 E
83	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphide as S	IS 3025 Part 29
84	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphite as SO3	APHA 23rd Edition 4500 SO3
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids (TDS)	APHA 23rd Edition 2540 C
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids (TDS)	IS 3025 Part 16
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	IS 3025 Part 21
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen as N	IS 3025 Part 34
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solids	IS 3025 Part 15
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	APHA 23rd Edition; 2540 B

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91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids (TSS)	IS 3025 Part 17
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	IS 3025 Part 10
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Volatile Solids	IS 3025 Part 18
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Sewage/Effluents)	Colour	IS 3025 Part 4
95	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Boron as B	IS 3025 Part 57
96	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Calcium as Ca	IS 3025 Part 40
97	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Hexavalent chromium Cr6+	IS 3025 Part 52
98	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Iron as Fe	IS 3025 Part 53
99	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Magnesium as Mg	IS 3025 Part 46
100	CHEMICAL- RESIDUES IN WATER	Drinking Water, Surface Water, Ground Water, Swimming Pool Water, Waste Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Manganese as Mn	IS 3025 Part 59
101	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen as NH3 - N+	APHA 23rd Edition; 4500 N C
102	CHEMICAL- WATER	Drinking Water	Ammoniacal Nitrogen as NH3 - N+	IS 3025 Part 34
103	CHEMICAL- WATER	Drinking Water	Chloride as Cl-	IS 3025 Part 32
104	CHEMICAL- WATER	Drinking Water	Chlorine Residual	IS 3025 Part 26
105	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 Part 4
106	CHEMICAL- WATER	Drinking Water	Electrical Conductivity	IS 3025 Part 14
107	CHEMICAL- WATER	Drinking Water	Fluoride as F -	APHA 23rd Edition; 4500 F D
108	CHEMICAL- WATER	Drinking Water	Fluoride as F -	IS 3025 Part 60
109	CHEMICAL- WATER	Drinking Water	Nitrate as NO3 -	APHA 23rd Edition;4500 NO3 B
110	CHEMICAL- WATER	Drinking Water	pH @ 25 °C	IS 3025 Part 11

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111	CHEMICAL- WATER	Drinking Water	Reactive Silica	IS 3025 Part 35
112	CHEMICAL- WATER	Drinking Water	Sulphate as SO4	APHA 23rd Edition; 4500 SO4 E
113	CHEMICAL- WATER	Drinking Water	Sulphide as S2-	IS 3025 Part 29
114	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 Part 23
115	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids (TDS)	IS 3025 Part 16
116	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 Part 21
117	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 Part 10
118	CHEMICAL- WATER	Drinking Water, Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Ammonia as NH3	APHA 23rd Edition; 4500 NH3 C
119	CHEMICAL- WATER	Drinking Water, Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Ammonia as NH3	IS 3025 Part 34
120	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Acidity as CaCO3	IS 3025 Part 22
121	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Ammonical Nitrogen as NH4 - N+	IS 3025 Part 34
122	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Bio Chemical Oxygen Demand (BOD) - 3 days @ 27 °C	IS 3025 Part 44
123	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Chemical Oxygen Demand (COD)	APHA 23rd Edition; 5200 B
124	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Chemical Oxygen Demand (COD)	IS 3025 Part 58
125	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Chloride as Cl	IS 3025 Part 32
126	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Chlorine Residual	IS 3025 Part 26
127	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Dissolved Oxygen	IS 3025 Part 38
128	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Electrical conductivity	IS 3025 Part 14
129	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Fluoride as F -	APHA 23rd Edition; 4500 F D
130	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Nitrate as NO3	APHA 23rd Edition;4500 NO3 B
131	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Nitrite as NO2	IS 3025 Part 34

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132	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Oil and Grease	APHA 23rd Edition;5520 B
133	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Oil and Grease	IS 3025 Part 39
134	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	pH at 25 degree celsius	IS 3025 Part 11
135	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Potassium as K +	IS 3025 Part 45
136	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Reactive silica	IS 3025 Part 35
137	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Sodium as Na +	IS 3025 Part 45
138	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Sulphate as SO4	APHA 23rd Edition;4500 SO4 E
139	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Sulphide as S 2-	IS 3025 Part 29
140	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Alkalinity as CaCO3	IS 3025 Part 23
141	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Dissolved Solids (TDS)	IS 3025 Part 16
142	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Hardness as CaCO3	IS 3025 Part 21
143	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Kjeldahl Nitrogen as N	IS 3025 Part 34
144	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Phosphorous as PO4	IS 3025 Part 31
145	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Total Suspended Solids (TSS)	IS 3025 Part 17
146	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers	Turbidity	IS 3025 Part 10
147	CHEMICAL- WATER	Surface Water, Ground Water, Irrigation Water, Cooling Tower Water, Industrial Water, Water from Purifiers,	Colour	IS 3025 Part 4
148	CHEMICAL- WATER	Water for Construction Purpose	Acidity-To neutralise 100ml sample of water using phenolphthalein indicator with 0.02 N NaOH	IS 3025 Part 22
149	CHEMICAL- WATER	Water for Construction Purpose	Alkalinity- To neutralize 100 ml sample of water using mixed indicator with 0.02 N. H2SO4	IS 3025 Part 23

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150	CHEMICAL- WATER	Water for Construction Purpose	Chloride as Cl-	IS 3025 Part 32
151	CHEMICAL- WATER	Water for Construction Purpose	Inorganic Solids	IS 3025 Part 18
152	CHEMICAL- WATER	Water for Construction Purpose	Organic Solids	IS 3025 Part 18
153	CHEMICAL- WATER	Water for Construction Purpose	Sulphate as SO4	APHA 23rd Edition;4500 SO4 E
154	CHEMICAL- WATER	Water for Construction Purpose	Suspended Matter	IS 3025 Part 17
155	CHEMICAL- WATER	Water for Construction Purposes	pH @ 25 °C	IS 3025 Part 11
156	CHEMICAL- WATER	Water for Swimming Pools	Chloride as Cl-	IS 3025 Part 32
157	CHEMICAL- WATER	Water for Swimming Pools	Chlorine Residual	IS 3025 Part 26
158	CHEMICAL- WATER	Water for Swimming Pools	Colour	IS 3025 Part 4
159	CHEMICAL- WATER	Water for Swimming Pools	Oxygen Observed in 4 hrs	IS 3025 Part 63
160	CHEMICAL- WATER	Water for Swimming Pools	pH @ 25 °C	IS 3025 Part 11
161	CHEMICAL- WATER	Water for Swimming Pools	Total Alkalinity as CaCO3	IS 3025 Part 23
162	CHEMICAL- WATER	Water for Swimming Pools	Total Dissolved Solids (TDS)	IS 3025 Part 16
163	CHEMICAL- WATER	Water for Swimming Pools	Turbidity	IS 3025 Part 10