National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	QA TESTING LABORATORIES PRIVATE LIMITED, B-76 ,SECTOR- 64, NOIDA, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, 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	CHEMICAL- BUILDING MATERIAL	Aggregates	Chloride (As Cl)	BS 812 (P-117)
2	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphate as SO3	BS 812 (P-118)
3	CHEMICAL- BUILDING MATERIAL	Alkali Aggregate Reactivity	Dissolved Silica (Sc)	IS 2386 (P-7)
4	CHEMICAL- BUILDING MATERIAL	Alkali Aggregate Reactivity	Reduction in Alkalinity	IS 2386 (P-7)
5	CHEMICAL- BUILDING MATERIAL	Aluminium Section	Anoidic Coating	IS 5523
6	CHEMICAL- BUILDING MATERIAL	Aluminium Section	Dry Film Thickness	IS 101 PART-3/SEC-2
7	CHEMICAL- BUILDING MATERIAL	Bentonite	Moisture Content	IS 6186
8	CHEMICAL- BUILDING MATERIAL	Bentonite	pH Value	IS 6186
9	CHEMICAL- BUILDING MATERIAL	Bitumens	Solubility in Trichloroethylene	IS 1216
10	CHEMICAL- BUILDING MATERIAL	CONCRETE ADMIXTURE	Ash content	IS 9103
11	CHEMICAL- BUILDING MATERIAL	Concrete Admixture	Chloride as Cl	IS 6925
12	CHEMICAL- BUILDING MATERIAL	CONCRETE ADMIXTURE	Dry material content for liquid and Solid admixture	IS 9103
13	CHEMICAL- BUILDING MATERIAL	CONCRETE ADMIXTURE	pH Value	IS 9103
14	CHEMICAL- BUILDING MATERIAL	CONCRETE ADMIXTURE	Relative density	IS 9103
15	CHEMICAL- BUILDING MATERIAL	Coupler	Carbon (as C)	IS 228 (P-1)
16	CHEMICAL- BUILDING MATERIAL	Coupler	Manganese	IS 228 (P-2)
17	CHEMICAL- BUILDING MATERIAL	Coupler	Phosphorus (As P)	IS 228 (P-3)
18	CHEMICAL- BUILDING MATERIAL	Coupler	Silicon	IS 228 (P-8)

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19	CHEMICAL- BUILDING MATERIAL	Coupler	Sulphur (As S)	IS 228 (P-9)
20	CHEMICAL- BUILDING MATERIAL	Fly Ash	Alkali (As Na2O)	IS 3812 (P-1)
21	CHEMICAL- BUILDING MATERIAL	Fly Ash	Calcium Oxide (As CaO)	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Fly Ash	Chloride (as Cl)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Fly Ash	Combined Ferric Oxide and Alumina	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Fly Ash	Loss on Ignition	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Fly Ash	Magnesia (As MgO)	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Fly Ash	Silica As SiO2	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Fly Ash	Total Sulphur (as SO3)	IS 1727
28	CHEMICAL- BUILDING MATERIAL	GI Pipe	Carbon (As C)	IS 228 (P-1)
29	CHEMICAL- BUILDING MATERIAL	GI Pipe	Manganese (as Mn)	IS 228 (P-2)
30	CHEMICAL- BUILDING MATERIAL	GI Pipe	Mass of Zinc Coating	IS 6745
31	CHEMICAL- BUILDING MATERIAL	GI Pipe	Phosphorus (As P)	IS 228 (P-3)
32	CHEMICAL- BUILDING MATERIAL	GI Pipe	Sulphur (As S)	IS 228 (P-9)
33	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Chloride (As Cl)	IS 14959 (P-2)
34	CHEMICAL- BUILDING MATERIAL	Hardened Concrete	Sulphate (As SO3)	BS 812 Part -118/ IS 4032
35	CHEMICAL- BUILDING MATERIAL	Microsilica & Silica Fumes	Silica (As Sio2)	IS 1727
36	CHEMICAL- BUILDING MATERIAL	Microsilica and Silica Fume	Alkali (As Na2O)	IS 15388 2003 & IS 4032
37	CHEMICAL- BUILDING MATERIAL	Microsilica and Silica Fume	Loss on Ignition	IS 1727

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38	CHEMICAL- BUILDING MATERIAL	Microsilica and Silica Fume	Moisture	IS 15388
39	CHEMICAL- BUILDING MATERIAL	Mild Steel	Carbon (as C)	IS 228 (P-1)
40	CHEMICAL- BUILDING MATERIAL	Mild Steel	Carbon Equivalent (CE)	IS 228 (P-1 & 2)
41	CHEMICAL- BUILDING MATERIAL	Mild Steel	Manganese (As Mn)	IS 228 (P-2)
42	CHEMICAL- BUILDING MATERIAL	Mild Steel	Phosphorus (as P)	IS 228 (P-3)
43	CHEMICAL- BUILDING MATERIAL	Mild Steel	Silicon (As Si)	IS 228 (P-8)
44	CHEMICAL- BUILDING MATERIAL	Mild Steel	Sulphur (As S)	IS 228 (P-9)
45	CHEMICAL- BUILDING MATERIAL	MS Plate	Carbon (as C)	IS 228 (P-1)
46	CHEMICAL- BUILDING MATERIAL	MS Plate	Carbon Equivalent (CE)	IS 228 P-1 &2
47	CHEMICAL- BUILDING MATERIAL	MS Plate	Manganese (as Mn)	IS 228 (P-1)
48	CHEMICAL- BUILDING MATERIAL	MS Plate	Phosphorus (As P)	IS 228 (P-3)
49	CHEMICAL- BUILDING MATERIAL	MS Plate	Silicon (As Si)	IS 228 (P-8)
50	CHEMICAL- BUILDING MATERIAL	MS Plate	Sulphur (As S)	IS 228 (P-9)
51	CHEMICAL- BUILDING MATERIAL	OPC	Magnesia (as MgO)	IS 4032
52	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Alkali (As Na2o)	IS 4032
53	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Calcium Oxide (as CaO)	IS 4032
54	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Chloride (as Cl)	IS 4032
55	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Iron Oxide	IS 4032
56	CHEMICAL- BUILDING MATERIAL	OPC & PPC	Loss on Ignition	IS 4032

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57	CHEMICAL- BUILDING MATERIAL	OPC/PPC	Alumina (As Al2O3)	IS 4032
58	CHEMICAL- BUILDING MATERIAL	OPC/PPC	Insoluble Residue	IS 4032
59	CHEMICAL- BUILDING MATERIAL	OPC/PPC	Silica as Sio2	IS 4032
60	CHEMICAL- BUILDING MATERIAL	OPC/PPC	Sulphuric Anhydride	IS 4032
61	CHEMICAL- BUILDING MATERIAL	PPC	Magnesia (As MgO)	IS 4032
62	CHEMICAL- BUILDING MATERIAL	Tile	Chemical Resistance	IS 13630 (P-7 & 8)
63	CHEMICAL- BUILDING MATERIAL	Tile	Stain Resistance	IS 13630 (P-7& 8)
64	CHEMICAL- BUILDING MATERIAL	Water -proofing Compounds	Chloride As Cl	IS 6923
65	CHEMICAL- METALS & ALLOYS	Cast Iron/Ductile Iron Pipes	Zinc Coating Mass	IS 8329
66	CHEMICAL- METALS & ALLOYS	HT Strad Wire	Carbon as C	IS 228 P-1
67	CHEMICAL- METALS & ALLOYS	HT Strad Wire	Manganese as Mn	IS 228 P-2
68	CHEMICAL- METALS & ALLOYS	HT Strad Wire	Phosphorus as P	IS 228 P-3
69	CHEMICAL- METALS & ALLOYS	HT Strad Wire	Silicon as Si	IS 228 P-8
70	CHEMICAL- METALS & ALLOYS	HT Strad Wire	Sulphur as S	IS 228 P-9
71	CHEMICAL- METALS & ALLOYS	Mild Steel & Stainless Steel	Carbon	IS 228 P-1 &4
72	CHEMICAL- METALS & ALLOYS	Mild Steel & Stainless Steel	Phosphorus	IS 228 P-3
73	CHEMICAL- METALS & ALLOYS	Mild Steel & Stainless Steel	Sulphur	IS 228 P-9
74	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium as Cr	IS 228 P-6
75	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese as Mn	IS 228 P-2

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76	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel as Ni	IS 228 P-5
77	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon as Si	IS 228 P-8
78	CHEMICAL- METALS & ALLOYS	Structural Steel, GI Pipes, MS Pipes ,Steel Tubes & Hollow Section	Carbon as C	IS 228 (P-1)
79	CHEMICAL- METALS & ALLOYS	Structural Steel, GI Pipes, MS Pipes ,Steel Tubes & Hollow Section	Manganese as Mn	IS 228 P-2
80	CHEMICAL- METALS & ALLOYS	Structural Steel, GI Pipes, MS Pipes ,Steel Tubes & Hollow Section	Mass of Zinc Coating	IS 6745
81	CHEMICAL- METALS & ALLOYS	Structural Steel, GI Pipes, MS Pipes ,Steel Tubes & Hollow Section	Phosphorus as P	IS 228 P-3
82	CHEMICAL- METALS & ALLOYS	Structural Steel, GI Pipes, MS Pipes ,Steel Tubes & Hollow Section	Sulphur as S	IS 228 P-9
83	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Calcium AS Ca	STP/BM/S-01
84	CHEMICAL- POLLUTION & ENVIRONMENT	Soil	Magnesium	STP/BM/S-02
85	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water	Phosphate	IS 3025 Part-31
86	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Kjeldahl Nitrogen	IS 3025 P-34
87	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Alkalinity as CaCO3	IS 3025 P-23
88	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Ammonical Nitrogen	IS 3025 P-34
89	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Biochemical Oxygen Demand 3 Days 27oC	IS 3025 P-44
90	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Calcium as Ca	IS 3025 P-40
91	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical oxygen Demand	IS 3025 P-58
92	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as cl	IS 3025 P-32
93	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Colour	IS 3025 P-4
94	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Conductivity	IS 3025 P-14

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95	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Oxygen	IS 3025 P-38
96	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water (Effluents/Sewage)	Magnesium as Mg	IS 3025 P-46
97	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	odour	IS 3025 P-5
98	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	oil & Grease	IS 3025 P-39
99	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH Value	IS 3025 P-11
100	CHEMICAL- POLLUTION & ENVIRONMENT	waste Water (Effluents/Sewage)	Residual Chlorine	IS 3025 P-26
101	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphate as SO4	IS 3025P-24
102	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS 3025 P-9
103	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Acidity	IS 3025 P-23
104	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Hardness as CaCO3	IS 3025 P-21
105	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Solid	IS 3025 P-15
106	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspend Solid	IS 3025 P-17
107	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Turbidity	IS 3025 P-10
108	CHEMICAL- SOIL AND ROCK	Soil	Calcium	STP/BM/S-01
109	CHEMICAL- SOIL AND ROCK	Soil	Calcium Carbonate (as CaCO3)	IS 2720 (P-23)
110	CHEMICAL- SOIL AND ROCK	Soil	Chloride	STP/BM/S-05
111	CHEMICAL- SOIL AND ROCK	Soil	Electrical Conductivity	STP/BM/S-04
112	CHEMICAL- SOIL AND ROCK	Soil	Magnesium	STP/BM/S-02
113	CHEMICAL- SOIL AND ROCK	Soil	Nitrogen	IS 14684

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114	CHEMICAL- SOIL AND ROCK	Soil	Organic Matter	IS 2720 (P-22)
115	CHEMICAL- SOIL AND ROCK	Soil	pH Value	IS 2720 P-26
116	CHEMICAL- SOIL AND ROCK	Soil	Potassium	STP/BM/S-07
117	CHEMICAL- SOIL AND ROCK	Soil	Silica (as SiO2)	IS 2720 (P-25)
118	CHEMICAL- SOIL AND ROCK	Soil	Sodium	STP/BM/S-06
119	CHEMICAL- SOIL AND ROCK	Soil	Sulphate	IS 2720 P-27
120	CHEMICAL- SOLID FUELS	Biomass	Ash Content on As Received Basis	IS 17653
121	CHEMICAL- SOLID FUELS	Biomass	Moisture Content at As Received Basis	IS 17655
122	CHEMICAL- SOLID FUELS	Biomass	Volatile Matter on As Received Basis	IS 17844
123	CHEMICAL- SOLID FUELS	Briquettes	Ash Content On As Received Basis	IS 17653
124	CHEMICAL- SOLID FUELS	Briquettes	Gross Calorific Value on As Received Basis	IS 17654
125	CHEMICAL- SOLID FUELS	Briquettes	Moisture Content At As Received Basis	IS 17655
126	CHEMICAL- SOLID FUELS	Briquettes	Volatile Matter on As Received	IS 17844
127	CHEMICAL- SOLID FUELS	Coal	Ash Content (On air Dried Basis)	ASTM :D3174
128	CHEMICAL- SOLID FUELS	Coal	Ash Content (On air Dried Basis)	IS 1350 P-1
129	CHEMICAL- SOLID FUELS	Coal	Ash Content (On Equilibrated Basis)	ASTM : D3174
130	CHEMICAL- SOLID FUELS	Coal	Ash Content (On Equilibrated Basis)	IS 1350 P-1
131	CHEMICAL- SOLID FUELS	Coal	Ash Content (As Received Basis)	ASTM : D3174
132	CHEMICAL- SOLID FUELS	Coal	Ash Content (As Received Basis)	IS 1350 P-1
133	CHEMICAL- SOLID FUELS	Coal	Carbon	IS 1350 P-4/S-1

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134	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	ASTM :D3202/D3302M
135	CHEMICAL- SOLID FUELS	Coal	Fixed Carbon	IS 1350 P -1
136	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (at Equilibrated Basis)	ASTM D5865
137	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (on Equilibrated Basis)	IS 1350 P-2
138	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (On Air Dried Basis)	ASTM D5865
139	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (On Air Dried Basis)	IS 1350 (Part 2)
140	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (on As Received Basis)	ASTM D5865
141	CHEMICAL- SOLID FUELS	Coal	Gross Calorific Value (on As Received Basis)	IS 1350 P-2
142	CHEMICAL- SOLID FUELS	Coal	Hydrogen	IS 1350 P-4 sec 1
143	CHEMICAL- SOLID FUELS	Coal	Moisture at (at Equilibrated Basis)	IS 1350 P-1
144	CHEMICAL- SOLID FUELS	Coal	Moisture Content (at Air Dried Basis)	ASTM:D3173/D3173M
145	CHEMICAL- SOLID FUELS	Coal	Moisture Content (at Air Dried Basis)	IS 1350 P-1
146	CHEMICAL- SOLID FUELS	Coal	Moisture Content (at As Received Basis)	ASTM: D3173/D3173M
147	CHEMICAL- SOLID FUELS	Coal	Moisture Content (at As Received Basis)	IS 1350 (Part 1)
148	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	ASTM : D5865
149	CHEMICAL- SOLID FUELS	Coal	Net Calorific Value	IS 1350 P-2
150	CHEMICAL- SOLID FUELS	Coal	Nitrogen	IS 1350 P-4 SEC 2
151	CHEMICAL- SOLID FUELS	Coal	Oxygen	ASTM D 3176
152	CHEMICAL- SOLID FUELS	Coal	Phosphorus	IS 1350 P-5
153	CHEMICAL- SOLID FUELS	Coal	Sulphur	IS 1350 P-3
154	CHEMICAL- SOLID FUELS	Coal	Total Moisture	ASTM:D3202/D3302M
155	CHEMICAL- SOLID FUELS	Coal	Total Moisture	IS 1350 P-1
156	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on Air Dried Basis)	ASTM:D 3175

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157	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on Air Dried Basis)	IS 1350 P -1
158	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on As Received Basis)	ASTM:D 3175
159	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on As Received Basis)	IS 1350 P-1
160	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on Equilibrated Basis)	ASTM :D3175
161	CHEMICAL- SOLID FUELS	Coal	Volatile Matter (on Equilibrated Basis)	IS 1350 P-1
162	CHEMICAL- SOLID FUELS	Coke	Ash Content (On as Received Basis)	IS 1350 P-1
163	CHEMICAL- SOLID FUELS	Coke	Ash Content (On Air Dried Basis)	IS 1350 P-1
164	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (on Air Dried Basis)	IS 1350 P-2
165	CHEMICAL- SOLID FUELS	Coke	Gross Calorific Value (On As Received Basis)	IS 1350 P-2
166	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (As Received Basis)	IS 1350 P-1
167	CHEMICAL- SOLID FUELS	Coke	Volatile Matter (On Air Dried Basis)	IS 1350 P-1
168	CHEMICAL- SOLID FUELS	Wood	Moisture Content Oven Dry Method	IS17655 P-1
169	CHEMICAL- SOLID FUELS	Wood	Ash Content	IS 17653
170	CHEMICAL- SOLID FUELS	Wood	Gross Calorific Value	IS 17654
171	CHEMICAL- SOLID FUELS	Wood	Volatile Matter	IS 17844
172	CHEMICAL- WATER	Boiler Water	Calcium as Ca	IS 3025 P-40
173	CHEMICAL- WATER	Boiler Water	Caustic Alkalinity	IS 3025P-23
174	CHEMICAL- WATER	Boiler Water	Chloride as cl	IS 3025 P-32
175	CHEMICAL- WATER	Boiler Water	Conductivity	IS 3025 P-14
176	CHEMICAL- WATER	Boiler Water	Magnesium as Mg	IS 3025 P-46
177	CHEMICAL- WATER	Boiler Water	pH Value	IS 3025 P-11
178	CHEMICAL- WATER	Boiler Water	Sodium	IS 3025 P-45
179	CHEMICAL- WATER	Boiler Water	Total Alkalinity	IS 3025 P-23

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180	CHEMICAL- WATER	Boiler Water	Total Hardness	IS 3025 P-21
181	CHEMICAL- WATER	Boiler Water	Total Solid	IS 3025 P-15
182	CHEMICAL- WATER	Boiler Water	Total Suspended Solid	IS 3025 P-17
183	CHEMICAL- WATER	Borewell Water	Aluminium (As Al)	IS 3025 (P-55)
184	CHEMICAL- WATER	Borewell Water	Ammonia	IS 3025 P-34
185	CHEMICAL- WATER	Borewell Water	Fluoride (as F)	IS 3025 P-60/ APHA
186	CHEMICAL- WATER	Borewell Water	Nitrate	IS 3025 P-34
187	CHEMICAL- WATER	Borewell Water	Nitrite	IS 3025 P-34
188	CHEMICAL- WATER	Borewell Water	Zinc	IS 3025 PART 49
189	CHEMICAL- WATER	Condensate Water	Calcium as Ca	IS 3025 P-40
190	CHEMICAL- WATER	Condensate Water	Conductivity	IS 3025 P-14
191	CHEMICAL- WATER	Condensate Water	ph Value	IS 3025 P-11
192	CHEMICAL- WATER	Condensate Water	Sulphate	IS 3025 P-24
193	CHEMICAL- WATER	Condensate Water	Total Hardness	IS 3025 P-21
194	CHEMICAL- WATER	Condensate Water	Total Solid	IS 3025 P-15
195	CHEMICAL- WATER	Cooling Tower Water	Calcium as Ca	IS 3025 P-40
196	CHEMICAL- WATER	Cooling Tower Water	Chloride as cl	IS 3025 P-32
197	CHEMICAL- WATER	Cooling Tower Water	Conductivity	IS 3025 P-14
198	CHEMICAL- WATER	Cooling Tower Water	Magnesium as Mg	IS 3025 P-46
199	CHEMICAL- WATER	Cooling Tower Water	pH value	IS 3025 P-11
200	CHEMICAL- WATER	Cooling Tower Water	Sulphate as So4	IS 3025 P-24
201	CHEMICAL- WATER	Cooling Tower Water	Temporary Hardness as CaCo3	IS 3025 P-21
202	CHEMICAL- WATER	Cooling Tower Water	Total Alkalinity as CaCO3	IS 3025 P-23
203	CHEMICAL- WATER	Cooling Tower Water	Total Dissolved Solid	IS 3025 P-16
204	CHEMICAL- WATER	Cooling Tower Water	Total Hardness as CaCo3	IS 3025 P-21
205	CHEMICAL- WATER	Cooling Tower Water	Turbidity	IS 3025 P-10
206	CHEMICAL- WATER	Drinking Water	Aluminum as Al	IS 3025 P-55
207	CHEMICAL- WATER	Drinking Water	Ammonia	IS 3025 P-34
208	CHEMICAL- WATER	Drinking Water	Boron as B	IS 3025 P-57
209	CHEMICAL- WATER	Drinking Water	Calcium as Ca	IS 3025 P-40

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210	CHEMICAL- WATER	Drinking Water	Chloride as cl	IS 3025 P-32
211	CHEMICAL- WATER	Drinking Water	Chromium as Cr	IS 3025 P-52
212	CHEMICAL- WATER	Drinking Water	Colour	IS3025P-4
213	CHEMICAL- WATER	Drinking Water	Fluoride as F	IS 3025 P-60
214	CHEMICAL- WATER	Drinking Water	Magnesium as Mg	IS 3025 P-46
215	CHEMICAL- WATER	Drinking Water	Nitrate	IS 3025 P-34
216	CHEMICAL- WATER	Drinking Water	Nitrite	IS 3025 P-34
217	CHEMICAL- WATER	Drinking Water	Package Drinking Water	IS 3025 Part -49
218	CHEMICAL- WATER	Drinking Water	pH value	IS 3025 P-11
219	CHEMICAL- WATER	Drinking Water	Residual Chlorine	IS 3025 P-26
220	CHEMICAL- WATER	Drinking Water	Sulphate as So4	IS 3025 P-24
221	CHEMICAL- WATER	Drinking Water	Total Alkalinity as CaCO3	IS 3025 P-23
222	CHEMICAL- WATER	Drinking Water	Total Dissolved Solid	IS 3025 P-16
223	CHEMICAL- WATER	Drinking Water	Total Hardness as CaCO3	IS 3025 P-21
224	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 P-10
225	CHEMICAL- WATER	Drinking Water	Zinc	IS 3025 Part 49
226	CHEMICAL- WATER	Ground Water	Calcium as Ca	IS 3025 P-40
227	CHEMICAL- WATER	Ground Water	Chloride as Cl	IS 3025 P-32
228	CHEMICAL- WATER	Ground Water	Colour	IS 3025 P-4
229	CHEMICAL- WATER	Ground Water	Magnesium as mg	IS 3025 P-46
230	CHEMICAL- WATER	Ground Water	Odour	IS 3025 P-5
231	CHEMICAL- WATER	Ground Water	Ph value	IS 3025 P-11
232	CHEMICAL- WATER	Ground Water	Sulphate as SO4	IS 3025 P-24 (Gravimetric method)
233	CHEMICAL- WATER	Ground Water	Total Alkalinity as CaCo3	IS 3025 P-23
234	CHEMICAL- WATER	Ground Water	Total Dissolved Solid	IS 3025 P-16
235	CHEMICAL- WATER	Ground Water	Total Hardness as CaCO3	IS 3025 P-21
236	CHEMICAL- WATER	Ground Water	Total Solid	IS 3025 P-15
237	CHEMICAL- WATER	Ground Water	Zinc	IS 3025 Part-49
238	CHEMICAL- WATER	Packaged Drinking Water	Calcium as Ca	IS 3025 P-40
239	CHEMICAL- WATER	Packaged Drinking Water	Chloride as Cl	IS 3025 P-32

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240	CHEMICAL- WATER	Packaged Drinking Water	Colour	IS 3025 P-4
241	CHEMICAL- WATER	Packaged Drinking Water	Magnesium as mg	IS 3025 P-46
242	CHEMICAL- WATER	Packaged Drinking Water	odour	IS 3025 P-5
243	CHEMICAL- WATER	Packaged Drinking Water	Ph Value	IS 3025 P-11
244	CHEMICAL- WATER	Packaged Drinking Water	Total Alkalinity as CaCo3	IS 3025 P-23
245	CHEMICAL- WATER	Packaged Drinking Water	Total Dissolved Solid	IS 3025 P-16
246	CHEMICAL- WATER	Packaged Drinking Water	Total Hardness as CaCO3	IS 3025 P-21
247	CHEMICAL- WATER	Packaged Drinking Water	Turbidity	IS 3025 P-10
248	CHEMICAL- WATER	Potable Water	Calcium as Ca	IS 3025 P-40
249	CHEMICAL- WATER	Potable Water	Chloride as Cl	IS 3025 P-32
250	CHEMICAL- WATER	Potable Water	Colour	IS 3025 P-4
251	CHEMICAL- WATER	Potable Water	Conductivity	IS 3025 P-14
252	CHEMICAL- WATER	Potable Water	Magnesium as Mg	IS 3025 P-46
253	CHEMICAL- WATER	Potable Water	Odour	IS 3025 P-5
254	CHEMICAL- WATER	Potable Water	pH value	IS 3025 P-11
255	CHEMICAL- WATER	Potable Water	Residual Chlorine	IS 3025 P-26
256	CHEMICAL- WATER	Potable Water	Sulphate as SO4	IS 3025 P-24 -(Gravimetric method)
257	CHEMICAL- WATER	Potable Water	Total Alkalinity as Caco3	IS 3025 P-23
258	CHEMICAL- WATER	Potable Water	Total Dissolved Solid	IS 3025 P-16
259	CHEMICAL- WATER	Potable Water	Total Hardness as CaCo3	IS 3025 P-21
260	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025 P-10
261	CHEMICAL- WATER	Reagent Grade Water	Chloride as Cl	IS 3025 P-32
262	CHEMICAL- WATER	Reagent Grade Water	Conductivity	IS 3025 P-14
263	CHEMICAL- WATER	Reagent Grade Water	pH Value	IS 3025 P-11
264	CHEMICAL- WATER	Reagent Grade Water	Total Solid	IS 3025 P-15
265	CHEMICAL- WATER	Water for construction purpose	Chloride as Cl	IS 3025 P-32
266	CHEMICAL- WATER	Water for construction purpose	Inorganic Matter	IS 3025P-18
267	CHEMICAL- WATER	Water for construction purpose	Organic Matter	IS 3025 P-18
268	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 P-11
269	CHEMICAL- WATER	Water for construction purpose	Sulphate as SO4	IS 3025 P-24

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270	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml sample of water, using mixed indicator, of 0.02 normal H2SO4	IS 3025 P-23
271	CHEMICAL- WATER	Water for construction purpose	To neutralize 100 ml sample of water, usir.1 phenolphthalein as an indicator, it 0.02normal NaOH	IS 3025 P-22
272	CHEMICAL- WATER	Water for construction purpose	Total Dissolved Solid	IS 3025 P-16
273	CHEMICAL- WATER	Water for construction purpose	Total Suspended Solid	IS 3025 P-17
274	CHEMICAL- WATER	Water for Swimming Pool	Chloride as Cl	IS 3025 P-32
275	CHEMICAL- WATER	Water for Swimming Pool	Colour	IS 3025 P-4
276	CHEMICAL- WATER	Water for Swimming Pool	Conductivity	IS 3025 P-14
277	CHEMICAL- WATER	Water for Swimming Pool	Odour	IS 3025 P-5
278	CHEMICAL- WATER	Water for Swimming Pool	pH Value	IS 3025 P-11
279	CHEMICAL- WATER	Water for Swimming Pool	Residual Chlorine	IS 3025 P-26
280	CHEMICAL- WATER	Water for Swimming Pool	Total Dissolved Solid	IS 3025 P-16
281	CHEMICAL- WATER	Water for Swimming Pool	Total Hardness as CaCo3	IS 3025 P-21
282	CHEMICAL- WATER	Water for Swimming Pool	Turbidity	IS 3025 P-10
283	CHEMICAL- WATER	Water from Water Purifiers	Calcium as Ca	IS 3025 P-40
284	CHEMICAL- WATER	Water from Water Purifiers	Chloride as Cl	IS 3025 P-32
285	CHEMICAL- WATER	Water from Water Purifiers	Colour	IS 3025 P-4
286	CHEMICAL- WATER	Water from Water Purifiers	Conductivity	IS 3025 P-14
287	CHEMICAL- WATER	Water from Water Purifiers	Magnesium as Mg	IS 3025 P-46
288	CHEMICAL- WATER	Water from Water Purifiers	Odour	IS 3025 P-5
289	CHEMICAL- WATER	Water from Water Purifiers	pH Value	IS 3025 P-11
290	CHEMICAL- WATER	Water from Water Purifiers	Sulphate as So4	IS 3025 P-24 (Gravimetric method)
291	CHEMICAL- WATER	Water from Water Purifiers	Total Alkalinity as CaCO3	IS 3025 P-23
292	CHEMICAL- WATER	Water from Water Purifiers	Total Dissolved Solid	IS 3025 P-16
293	CHEMICAL- WATER	Water from Water Purifiers	Total Hardness as CaCO3	IS 3025 P-21
294	CHEMICAL- WATER	Water from Water Purifiers	Turbidity	IS 3025 P-10
295	CHEMICAL- WATER	Water used in Processed Food Industry	Aluminum as Al	IS 3025 P-55
296	CHEMICAL- WATER	Water used in Processed Food Industry	Calcium as Ca	IS 3025 P-40

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297	CHEMICAL- WATER	Water used in Processed Food Industry	Chloride as Cl	IS 3025 P-32
298	CHEMICAL- WATER	Water used in Processed Food Industry	Colour	IS 3025 P-4
299	CHEMICAL- WATER	Water used in Processed Food Industry	Fluoride as F	IS 3025 P-60
300	CHEMICAL- WATER	Water used in Processed Food Industry	Iron as Fe	IS 3025 P-53
301	CHEMICAL- WATER	Water used in Processed Food Industry	Magnesium as mg	IS 3025 P-46
302	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrate	IS 3025 P-34
303	CHEMICAL- WATER	Water used in Processed Food Industry	Nitrite	IS 3025 P-34
304	CHEMICAL- WATER	Water used in Processed Food Industry	Odor	IS 3025 P-5
305	CHEMICAL- WATER	Water used in Processed Food Industry	pH Value	IS 3025 P-11
306	CHEMICAL- WATER	Water used in Processed Food Industry	Sodium as Na	IS 3025 P-45
307	CHEMICAL- WATER	Water used in Processed Food Industry	Sulphate as So4	IS 3025 P-24
308	CHEMICAL- WATER	Water used in Processed Food Industry	Total Dissolved Solid	IS 3025 P-16
309	CHEMICAL- WATER	Water used in Processed Food Industry	Total Hardness as CaCO3	IS 3025 P-21
310	CHEMICAL- WATER	Water used in Processed Food Industry	Turbidity	IS 3025 P-10
311	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Length)	IS 2185 (P-3)
312	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Thickness)	IS 2185 (P-3)
313	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Dimension (Width)	IS 2185 (P-3)
314	MECHANICAL- BUILDINGS MATERIALS	AAC Block	Drying Shrinkage	IS 6441 (P-1)
315	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Concrete Block (AAC)	Block Density	IS 6441 (Part-1)
316	MECHANICAL- BUILDINGS MATERIALS	Autoclave Aerated Concrete Block (AAC)	Compressive Strength	IS 6441(Part-5)
317	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Ductility	IS 1208
318	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Fire Point	IS 1209
319	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Flush Point	IS 1209
320	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Penetration at 25 oC	IS 1203

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321	MECHANICAL- BUILDINGS MATERIALS	Bitumen	Softening Point	IS 1205
322	MECHANICAL- BUILDINGS MATERIALS	Bituminous Mix	Marshal Stability Test	ASTM D 1559
323	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Height)	IS 1077
324	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Length)	IS 1077
325	MECHANICAL- BUILDINGS MATERIALS	Brick	Dimension (Width)	IS 1077
326	MECHANICAL- BUILDINGS MATERIALS	Bricks	Compressive Strength	IS 3495 (Part -1)
327	MECHANICAL- BUILDINGS MATERIALS	Bricks	Efflorescence Test	IS 3495(P-3)
328	MECHANICAL- BUILDINGS MATERIALS	Bricks	Water Absorption	IS 3495 (Part-2)
329	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Consistency	IS 4031 (Part-4)
330	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Compressive Strength AT 28 days	IS 4031 (Part-6)
331	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Density	IS 4031 (Part-11)
332	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Fineness by Blaine's Air Permeability	IS 4031 (Part-2)
333	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Setting Time (Initial)	IS 4031 (Part-5)
334	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Setting Time (Final)	IS 4031 (Part-5)
335	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Soundness by Le-Chatelier Expansion method	IS 4031 (Part-3)
336	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC& PPC)	Soundness by-Autoclave Expansion method	IS 4031 (Part-3)
337	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	10% Finess Value	IS 2386 (P- 4)
338	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Clay Lumps	IS 2386 PART -2
339	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal And Lignite	IS 2386 (P-2)

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340	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Coal and Lignite	IS 2386 PART-2
341	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Los Angles Abrasion Value	IS 2386(P-4)
342	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregate	Soundness Test Using (Na2SO4 , MgSO4)	IS 2386 (P-5)
343	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	75 Micron Passing Materials	IS 2386 P-1
344	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 P-3
345	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 P-4
346	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Deleterious Materials	IS 2386 P-1
347	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 P-1
348	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 P-1
349	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 P-4
350	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (40mm, 20mm, 12.5mm, 10mm,4.75mm, 2.36mm)	IS 2386 P-1
351	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 P-3
352	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 P-3
353	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Abrasion Resistance mm3 (Ind./Avg.)	IS 15658
354	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Arris /Chamfer	IS 15658
355	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Aspect Ratio	IS 15658
356	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Compressive Strength	IS 15658
357	MECHANICAL- BUILDINGS MATERIALS	Concrete Block for Paving (Paver Block)	Compressive Strength	IS 15658 (Annex-D)

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358	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Dimension Length	IS 15658
359	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Dimension Thickness	IS 15658
360	MECHANICAL- BUILDINGS MATERIALS	Concrete Block for Paving (Paver Block)	Dimension Width	IS 15658
361	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Flexural Strength Mpa (Ind/Avg)	IS 15658
362	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Plan Area Asp mm2	IS 15658
363	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Ratio of wearing Face Area and Plan Area ASW/ASP	IS 15658
364	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Squareness (mm)	IS 15658
365	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Tensile Splitting Strength Mpa (Ind/Avg)	IS 15658 Annex F
366	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Thickness of Wearing Layer mm	IS 15658
367	MECHANICAL- BUILDINGS MATERIALS	Concrete Block for Paving (Paver Block)	Water Absorption	IS 15658
368	MECHANICAL- BUILDINGS MATERIALS	Concrete Block for Paving (Paver Block)	Water Absorption	IS 15658 (Annex -C)
369	MECHANICAL- BUILDINGS MATERIALS	Concrete Block For Paving (Paver Block)	Wearing Face Area mm2	IS 15658
370	MECHANICAL- BUILDINGS MATERIALS	Concrete Core	Compressive Strength of concrete cores	IS 516 Part -4
371	MECHANICAL- BUILDINGS MATERIALS	Concrete Cubes	Compressive Strength of concrete cubes	IS 516
372	MECHANICAL- BUILDINGS MATERIALS	Coupler	Elongation %	IS 16172
373	MECHANICAL- BUILDINGS MATERIALS	Coupler	Location of Faliure	IS 16172
374	MECHANICAL- BUILDINGS MATERIALS	Coupler	Tensile Strength N/mm2	IS 16172
375	MECHANICAL- BUILDINGS MATERIALS	Design Mix of Concrete	Compaction Factor	IS 1199

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376	MECHANICAL- BUILDINGS MATERIALS	Design Mix of Concrete	Compressive Strength of Accelerated -Curing of concrete Test specimen	IS 9013
377	MECHANICAL- BUILDINGS MATERIALS	Design Mix of Concrete	Compressive Strength of Cubes	IS 516
378	MECHANICAL- BUILDINGS MATERIALS	Design Mix of Concrete	Slump Test	IS 1199
379	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386P-3
380	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay Lumps	IS 2386 P-2
381	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Deleterious Materials	IS 2386 P-1
382	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material finer than 75 micron Sieve	IS 2386 P-1
383	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 P-1
384	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 P-3
385	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Bulking Of Sand	IS 2386 (P-3)
386	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Coal And Lignite	IS 2386 PART-2
387	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Organic Impurities	IS 2386 (P-1)
388	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregate	Soundness Test Using (Na2S04, MgSO4)	IS 2386 (P-5)
389	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (10mm, 4.75mm, 2.36mm, 1.18mm, 600micron, 300micron, 150micron)	IS 2386 P-1
390	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Content	IS 2386 P-3
391	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 P-3
392	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Compressive Strength	IS 1727
393	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Density	IS 1727

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394	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Fineness byBlaine(Specific Surface)	IS 1727
395	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Particles retained on 45 Micron IS Sieve	IS 1727
396	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness by Autoclave	IS 1727
397	MECHANICAL- BUILDINGS MATERIALS	Fly Ash	Soundness By Le-Chatelier	IS 1727
398	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	% Elongation	IS 1608 (P-1)
399	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Bend Test	IS 2329
400	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Dimension Length (mm)	QATL/STP/BM/01
401	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Mass kg/mtr	QATL/STP/BM/04
402	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Outside Diameter mm	QATL/STP/BM/02
403	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Tensile Strength	IS 1608 (P-1)
404	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Wall Thickness	QATL/STP/BM/03
405	MECHANICAL- BUILDINGS MATERIALS	GI Pipe	Yield Stress	IS 1608 (P-1)
406	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	% Elongation	IS 1608 (P-1)
407	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Bend Test	IS 1599
408	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Breaking Load	1608 P-1
409	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Dimension	IS 1732
410	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Mass per Meter	IS 1786
411	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Rebend Test	IS 1786
412	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Reduction Area	IS 1608

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413	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Tensile Strength	IS 1608 P-1
414	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	TS/YS Ratio	IS 1608
415	MECHANICAL- BUILDINGS MATERIALS	High strength Deformed Steel bars & Wires for Concrete Reinforcement	Yield Stress	IS 1608 P-1
416	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	0.2% Proof Stress	IS 1608 (Part-1)
417	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Area	IS 14268
418	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Breaking Load	IS 1608 (P-1)
419	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Dia	IS 14268
420	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Elongation %	IS 1608(P-1)
421	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Length of Lay	IS 14268
422	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Mass	IS 14268
423	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Modulous of Elasticity	IS 14268
424	MECHANICAL- BUILDINGS MATERIALS	HT Strand Wire	Workmanship and Finish	IS 14268
425	MECHANICAL- BUILDINGS MATERIALS	MS Plate	Charpy Impact Test	IS 1757 (P-1)
426	MECHANICAL- BUILDINGS MATERIALS	MS Plate	Elongation %	IS 1608 (P-1)
427	MECHANICAL- BUILDINGS MATERIALS	MS Plate	Tensile Strength	IS 1608(P-1)
428	MECHANICAL- BUILDINGS MATERIALS	MS Plate	Yield Strength	IS 1608 (P-1)
429	MECHANICAL- BUILDINGS MATERIALS	OPC & PPC	Transverse Strength	IS 4031 (P-8)
430	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Compressive Strength at 3 Day	IS 4031 P-6
431	MECHANICAL- BUILDINGS MATERIALS	OPC/PPC	Compressive Strength at 7day	IS 4031 P-6

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432	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption	IS 1237
433	MECHANICAL- BUILDINGS MATERIALS	Tiles	Water Absorption of Acid Resistance Tiles	IS 4860
434	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DI Pipe	Bore Clearance Cement Mortar Lining	IS 8329
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DI Pipe	External Diameter	IS 8329
436	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Brinell Hardness HBW10/3000	IS 1500 (Part 1)
437	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Deviation From Straight Line	IS 8329
438	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Elongation	IS 8329
439	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Length	IS 8329
440	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Ovality	IS 8329
441	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile Iron Pipe	Tensile Strength	IS 8329
442	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ductile iron pipe	Wall Thickness	IS 8329
443	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MS Pipe	Bend Test	IS 2329
444	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MS Pipe	Dimension - Length	QATL/STP/BM/01
445	MECHANICAL- MECHANICAL PROPERTIES OF METALS	MS Pipe	Mass	QATL/STP/BM/04

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446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Pipe	Outside diameters	QATL/STP/BM/02
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Pipe	Tensile Strength	IS 1608(P-1)
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Pipe	Wall Thickness	QATL/STP/BM/03
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Pipes	% of Elongation	IS 1608 P-1
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Pipes	Yield Stress	IS 1608P-1
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Wire	Bend Test	IS 1599
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Wire	Diameter	IS 280: 2006 & QATL/STP/BM/15
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	MS Wire	Tensile Strength	IS 1608 (P-1)
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PVC Water Stop Seal	Density	IS 7328
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PVC Water Stop Seal	Elongation	IS 1608 (P-1)
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PVC Water Stop Seal	Tensile Strength	IS 1608 (P-1)
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube (Hollow And Rectangular)	% Elongation	IS 1608 (P-1)
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel tube (Hollow And Rectangular)	Dimension (Length)	QATL/STP/BM/01
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube (Hollow And Rectangular)	Mass	QATL/STP/BM/04

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460	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube (Hollow and Rectangular)	Outside Diameter	QATL/STP/BM/02
461	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube (Hollow and Rectangular)	Tensile Strength	IS 1608(P-1)
462	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Tube (Hollow And Rectangular)	Wall Thickness	QATL/STP/BM/03
463	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Density	IS 7328
464	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Hydrostatic Characterstic	IS 4984
465	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Length	IS 4984
466	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Outside Diameter	is 4984
467	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Visual Appearance	IS 4984
468	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDEP Pipe	Wall Thickness	IS 4984
469	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Carbon Black Content	IS 2530
470	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Carbon Black Dispersion	IS 4984
471	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Elongation at Break	IS 4984 (Annex H)
472	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Identification of strip	IS 4984
473	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Internal pressure creep rupture test.	IS 4984 (ANNEX E)
474	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Longitudinal Reversion Test	IS 4984
475	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Melt Flow Rate	IS 2530
476	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Outside diameter	IS 4984
477	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Overall Migration	IS 9845

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478	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Oxidation Induction Time	IS 4984
479	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Visual Appearance	IS 4984
480	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Visual Appearance/ Colour	IS 4984
481	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	HDPE PIPE	Workability Test	MoRTH, Clause 1805.6.2
482	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness by Passing 150 Micron	IS 6186
483	MECHANICAL- SOIL AND ROCK	Bentonite	Fineness by Wet Sieve Passing 150 Micron	IS 6186
484	MECHANICAL- SOIL AND ROCK	Bentonite	Free Swell Index	IS 2720 P-40
485	MECHANICAL- SOIL AND ROCK	Bentonite	Liquid Limit	IS 2720 P-5
486	MECHANICAL- SOIL AND ROCK	Bentonite	Sand Content	IS 6186
487	MECHANICAL- SOIL AND ROCK	Bentonite	Viscosity at 30 oC	IS 6186
488	MECHANICAL- SOIL AND ROCK	Building Rock	Bulk Density	IS 2386 (P-3)
489	MECHANICAL- SOIL AND ROCK	Building Rock	Compressive Strength	IS 1121 P-1
490	MECHANICAL- SOIL AND ROCK	Building Rock	Impact Value	IS 2386 (P-4)
491	MECHANICAL- SOIL AND ROCK	Building Rock	Specific Gravity	IS 1122
492	MECHANICAL- SOIL AND ROCK	Building Rock	Water Absorption	IS 1124
493	MECHANICAL- SOIL AND ROCK	Soil	CBR	IS 2720 P-16
494	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test -MDD (Heavy)	IS 2720 P-7
495	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test -OMC (Heavy)	IS 2720 P-7
496	MECHANICAL- SOIL AND ROCK	Soil	Compaction Test -OMC (Light)	IS 2720 P-7

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497	MECHANICAL- SOIL AND ROCK	Soil	Consolidation Test	IS 2720 P-15
498	MECHANICAL- SOIL AND ROCK	Soil	Direct Shear Test	IS 2720 P-13
499	MECHANICAL- SOIL AND ROCK	Soil	Field density	IS 2720 P-29
500	MECHANICAL- SOIL AND ROCK	Soil	Free Swelling Test	IS 2720 P-40
501	MECHANICAL- SOIL AND ROCK	Soil	Moisture	IS 2720 P-2
502	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 P-5
503	MECHANICAL- SOIL AND ROCK	Soil	Sieve Analysis	IS 2720 P-4
504	MECHANICAL- SOIL AND ROCK	Soil	SPT	IS 2131
505	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	CBR	IS 2720 P-16
506	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Compaction Test -MDD (Heavy)	IS 2720 part 8
507	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Compaction Test -MDD (Light)	IS 2720 P-7
508	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Compaction Test -OMC (Heavy)	IS 2720 P-7
509	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Compaction Test -OMC (Light)	IS 2720 P-7
510	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Field density	IS 2720 P-28
511	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Free Swelling Test	IS 2720 P-40
512	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Liquid Limit	IS 2720 P-5
513	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Moisture Content	IS 2720 P-2
514	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Plastic Limit	IS 2720 P-5
515	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Proctor Test	IS 2720 P-8

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516	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Sieve Size Analysis	IS 2720 P-4
517	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Consolidation Test	IS 2720 P-15
518	MECHANICAL- SOIL AND ROCK	Soil Earthwork Sub grade Sub Base : GSB, WBM, WMM	Direct Shear Test	IS 2720 P-13
519	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Carbonation Test	IS 516 P-2
520	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer	IS 516 P-5/sec-4
521	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity	IS 516 (P-5/sec1)
522	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete Pile	Low Strain Pile Integrity Test	IS 14893

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.