National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SPECTRO RESEARCH LAB VENTURES (P) LTD., G-3, BAJRANGBALI INDUSTRIAL AREA, KANPUR, 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	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chlorides	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material Content	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity	IS: 2386 (P-VII) (Cl.3)
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides	IS 14959 (P-2)
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphates	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Aluminum Oxide (Al2O3)	IS 4032 (Cl. 4.6.1)
10	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Calcium oxide (CaO)	IS 4032 (Cl. 4.7.1)
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Chlorine (Cl)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Insoluble Residue (IR)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Iron Oxide (Fe2O3)	IS 4032 (Cl. 4.5.1)
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Loss on ignition (LOI)	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Magnesium oxide (MgO)	IS 4032 (Cl. 4.8.1 & 7.2)
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Silica (SiO2)	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC, PPC, PSC)	Sulfuric oxide (SO3)	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	IS 14959 (P-2)

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19	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphates	BS 1881 (P-124)
20	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Aluminum Oxide (Al2O3)	IS 1727
21	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Calcium oxide (CaO)	IS 1727
22	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Chlorine (Cl)	IS 4032
23	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Iron Oxide (Fe2O3)	IS 1727
24	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Loss on ignition (LOI)	IS 1727
25	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Magnesium oxide (MgO)	IS 1727
26	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Silica (SiO2)	IS 1727
27	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Sulfuric oxide (SO3)	IS 1727
28	CHEMICAL- CORROSION TESTS	Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Corrosion products from anodic coatings, Corrosion products from cathodic coatings, Ferrous Pannel/Component/Product with Ni-Cr Coating, Galvanized Surface	Salt Spray Test (NSS)	ASTM B 117
29	CHEMICAL- CORROSION TESTS	Cold-Rolled Steel Panels for Testing Paint, Varnish, Conversion Coatings, and Related Coating Products, Corrosion products from anodic coatings, Corrosion products from cathodic coatings, Ferrous Pannel/Component/Product with Ni-Cr Coating, Galvanized Surface	Salt Spray Test (NSS)	ISO-9227
30	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Fabricated articles of Iron, Steel, Nickel, Copper & its Alloy	Electroplated Coatings of Tin	IS 1359 (Annex-B)
31	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Cd)	ASTM E 376
32	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Cr)	ASTM E376

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33	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Ni)	ASTM E 376
34	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Zn)	ASTM E 376
35	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Material	Coating Thickness (Zn)	IS 1573
36	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Material	Phosphate Coating	IS 14503
37	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	iron & Steel Article	Determination of Mass of Zinc coating on Zinc coated iron & Steel Article	IS 6745
38	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Material	Chrome Passivation (Presence of Hexavalent Chromium)	IS 8602 (Cl. 4)
39	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Non-Ferrous Material	Anodic Coating Thickness	IS 6012
40	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Sheet, Wire, Tube, Bolt, Fabricated Article, Nuts & Other Threaded Article, Casting, Angle, Bracket, other Structural Shapes of Iron & Steel	Uniformity of coating on Zinc coated Articles	IS 2633
41	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Spoons	Staining test	IS 16286
42	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E-1086
43	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JISG 1253
44	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
45	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JISG 1253
46	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
47	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253

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48	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium	JIS G1253
49	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Chromium	IS 11035
50	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Copper	IS 11035
51	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Iron	IS 11035
52	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Magnesium	IS 11035
53	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Chromium	ASTM E1251 (a)
54	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Copper	ASTM E1251 (a)
55	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	ASTM E1251 (a)
56	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	SOP/CHE/00-AL (Issue No: 00, Issue Date:20.02.2016, Revision No:01, Revision Date: 20.02
57	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Lead	ASTM E1251 (a)
58	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	ASTM E1251 (a)
59	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	SOP/CHE/00-AL (Issue No: 00, Issue Date:20.02.2016, Revision No:01, Revision Date: 20.02
60	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Manganese	ASTM E1251 (a)
61	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Nickel	ASTM E1251 (a)
62	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Silicon	ASTM E 1251 (a)
63	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Tin	ASTM E 1251 (a)
64	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Titanium	ASTM E1251 (a)

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65	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Vanadium	ASTM E1251 (a)
66	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	ASTM E1251 (a)
67	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	SOP/CHE/00-AL (Issue No: 00, Issue Date:20.02.2016, Revision No:01, Revision Date: 20.02
68	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Manganese	IS 11035
69	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Silicon	IS 11035
70	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Titanium	IS 11035
71	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Wrought)	Zinc	IS 11035
72	CHEMICAL- METALS & ALLOYS	Brass	Aluminium	BS EN 15079
73	CHEMICAL- METALS & ALLOYS	Brass	Arsenic	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Brass	Iron	BS EN 15079
75	CHEMICAL- METALS & ALLOYS	Brass	Lead	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Brass	Manganese	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Brass	Nickel	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Brass	Phosphorus	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Brass	Silicon	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Brass	Tin	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Brass	Zinc	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Bronze	Aluminium	BS EN 15079

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83	CHEMICAL- METALS & ALLOYS	Bronze	Arsenic	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Bronze	Iron	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Bronze	Lead	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Bronze	Manganese	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Bronze	Nickel	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Bronze	Phosphorus	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Bronze	Silicon	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Bronze	Sulphur	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Bronze	Tin	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Bronze	Zinc	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E-1999
95	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E-1999
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JISG 1253
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JISG 1253
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E-1999
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253

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102	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E-1999
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E-1999
105	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E-1999
106	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
107	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E-1999
108	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E-1999
109	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
110	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E-1999
111	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
112	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E-1999
113	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E-1999
114	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E-1999
115	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Beryllium	BS EN 15079
118	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cadmium	BS EN 15079
119	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Chromium	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cobalt	BS EN 15079

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121	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BS EN 15079
122	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BS EN 15079
123	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	BS EN 15079
124	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BS EN 15079
125	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorus	BS EN 15079
126	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	BS EN 15079
127	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tellurium	BS EN 15079
128	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BS EN 15079
129	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BS EN 15079
130	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zirconium	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	ASTM E 2209
132	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	JIS G1253
133	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	ASTM E 2209
134	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	JIS G1253
135	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	ASTM E 2209
136	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	JIS G1253
137	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	ASTM E 2209
138	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	JIS G1253
139	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	ASTM E 2209

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140	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	JIS G1253
141	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	ASTM E 2209
142	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	JISG 1253
143	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	ASTM E 2209
144	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	JIS G1253
145	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	ASTM E 2209
146	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	JIS G1253
147	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Sulphur	JISG 1253
148	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Vanadium	JIS G1253
149	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	JIS G1253
150	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	JIS G1253
151	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	ASTM E-415
152	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	IS 8811
153	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	JIS G1253
154	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	IS 8811
155	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	JISG 1253
156	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	ASTM E-415
157	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	IS 8811
158	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	ASTM E 415

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159	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	ASTM E-415
160	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	IS 8811
161	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	ASTM E-415
162	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	IS 8811
163	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	JISG 1253
164	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	ASTM E-415
165	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	IS 8811
166	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	JISG 1253
167	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Lead	ASTM E415
168	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	ASTM E-415
169	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	IS 8811
170	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	ASTM E-415
171	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	IS 8811
172	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	ASTM E-415
173	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	IS 8811
174	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	ASTM E-415
175	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	IS 8811
176	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	JIS G1253
177	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	IS 8811

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178	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	ASTM E-415
179	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	ASTM E 415
180	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	IS 8811
181	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	ASTM E-415
182	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	IS 8811
183	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	JISG 1253
184	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	ASTM E415
185	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	IS 8811
186	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Tungsten	JISG 1253
187	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	ASTM E-415
188	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	IS 8811
189	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E-1086
190	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
191	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
192	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
193	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E-1086
194	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
195	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
196	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253

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197	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 228 (Part 15)
198	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
199	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
200	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E-1086
201	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 2)
202	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
203	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E-1086
204	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 10)
205	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
206	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
207	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
208	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E-1086
209	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
210	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
211	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
212	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
213	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E-1086
214	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
215	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E-1086

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216	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
217	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
218	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E-1086
219	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
220	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
221	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
222	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Carbon	IS 228 (Part 1)
223	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Chromium	IS 228 (Part 6)
224	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Copper	IS 228 (Part 15)
225	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Manganese	IS 228 (Part 2)
226	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Molybdenum	IS 228 (Part 10)
227	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Nickel	IS 228 (Part 5)
228	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Phosphorus	IS 228 (Part 3)
229	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Silicon	IS 228 (Part 8)
230	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Sulphur	IS 228 (Part 9)
231	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
232	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
233	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
234	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253

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235	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253
236	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	JIS G1253
237	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
238	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
239	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
240	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
241	CHEMICAL- PAINTS & SURFACE COATING	Paint & Enamels	Resistance to corrosion	IS 101 (P-6/Sec-1)
242	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Flash Point on liquid paints	IS 101 (P-1, Sec-6)
243	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Non Volatile Matter on liquid paints	IS 101 (P-8, Sec-2)
244	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Ash Content,%by mass	IS 101(P-8/Sec-3)
245	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Chromic Anhydride	IS 2074 Annex B
246	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Consistency	IS 101 (P-1/S-5)
247	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Drying time (Hard Dry)	IS 101 (P-3/S-1)
248	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Drying time (Surface Dry)	IS 101 (P-3/S-1)
249	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Drying time (Tack Free)	IS 101 (P-3/S-1)
250	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Fineness of grind	IS 101 (P-3/Sec-5)
251	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Impact Resistance	IS 168
252	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Iron Oxide (Fe2O3) Content,% by mass	IS 44
253	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Lead or lead Compounds(as PbO)	IS:101(P-8/Sec-5)

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254	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Non Volatile Vehicle	IS 101 (P-8, Sec-2)
255	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Phthalic Anhydride of Non Volatile Vehicle	IS 101 (P-8/Sec-4)
256	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Pigment Content	IS 101 (P-8, Sec-2)
257	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Presence of rosin &rosin derivatives	IS:101(P-9/Sec-2)
258	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Reaction with Varnish,Exterior	IS 341 ANNEX C
259	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Reaction with White Paint	IS 341 ANNEX B
260	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Stripping test	IS 101 (P-5/S-2)
261	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Viscosity by ford cup No-4	IS 101 (P-1, Sec-5)
262	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Volume Solids	IS 101(P-8/Sec-6)
263	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Water Content on liquid paints	IS 101 (P-2, Sec-1)
264	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Weight, kg/10liters on liquid paints	IS 101 (P-1, Sec-7)
265	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Wet opacity	IS:101(P-4/Sec-1)
266	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Zinc Oxide	IS 2074
267	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Accelerated Storage Stability	IS 2932 (P-1) (Annex-G)
268	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to acid	IS 13871 (Annex -C)
269	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to acid	IS 9862 (Annex-E)
270	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to acid	IS 2932 (P-1) (Annex-E)
271	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to alkali	IS 2932 Part 1 (Annex-F)
272	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to alkali	IS 9862 (Annex F)

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273	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to Chlorine	IS: 9862 (Annex-G)
274	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to water	IS 9862 (Annex-D)
275	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Resistance to water	IS: 133 (P-1) (Annexure-E)
276	CHEMICAL- PAINTS & SURFACE COATING	Paints & Enamels	Volatile Matter on liquid paints	IS 101 (P-2, Sec-2)
277	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Color	IS 101 (P-4/Sec-2)
278	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Finish	IS 101 (P-3/S-4)
279	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Flexibility & Adhesion tests (Bend Test)	IS 101 (P-5/S-2)
280	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Flexibility & Adhesion tests (Scratch Hardness)	IS 101 (P-5/S-2)
281	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Gloss Value at 60º	IS 101(P-4/Sec-4)
282	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Plating Thickness (Phosphate,Paint)	ASTM E376
283	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to Lubricating Petrol	IS 101 (P-7/S-2)
284	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to Lubricating Oil	IS 101 (P-7/S-2)
285	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to water	IS 101 (P-7, Sec-1)
286	CHEMICAL- PAINTS & SURFACE COATING	Powder Coatings	Resistance to alkali	IS 13871 (Annex-C)
287	CHEMICAL- PAPER AND PULP	Paper & Allied Products	Water Soluble Chlorides	IS 1060(Part-2) (Method-17)
288	CHEMICAL- PAPER AND PULP	Paper &Allied Products	Ash content	IS 1060 Part 4 Sec 3
289	CHEMICAL- PAPER AND PULP	Paper &Allied Products	PH of water Extract	IS 1060 Part 4 Sec 7
290	CHEMICAL- PAPER AND PULP	Paper &Allied Products	Water Soluble Sulphates	IS 1060 (Part-2) (Method-18)
291	CHEMICAL- PLASTIC & RESINS	Glass reinforced Products and Granules	Glass content	IS 10661

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292	CHEMICAL- PLASTIC & RESINS	Glass reinforced Products and Granules	Glass content	IS 13411
293	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Ash Content	IS 1060 Part 4 Sec 3
294	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Effect of Organic Solvents	JSS 9330 -03 (APPENDIX-E)
295	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	pH of Water Extract	IS 1060 Part 4 Sec 7
296	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Solubility in Organic Solvents (Acetone/Toluene/Ethyl acetate/Acetone)	JSS 9330 -03 (APPENDIX-B/C/D)
297	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water Soluble Chlorides	IS 1060 (Part-2) (Method-17)
298	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water soluble matter	JSS 9330 -03 (APPENDIX-A)
299	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water Soluble Sulphates	IS 1060 (Part-2) (Method-18)
300	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Ash Content	IS 13360 Part 8, Sec-8
301	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Ash Content	ISO 3451-1
302	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Biochemical oxygen demand (BOD)	APHA 5210 (23rd Edition)
303	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Biochemical oxygen demand (BOD)	IS 3025 (P-44)
304	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Chemical Oxygen Demand (COD)	APHA 5220 B (23rd Edition)
305	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Chemical Oxygen Demand (COD)	IS 3025 (P-58)
306	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Dissolve Oxygen	APHA 4500 O-C (23rd Edition)
307	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Dissolve Oxygen	IS 3025 (P-38) Cl.4
308	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Hexavalent Chromium	APHA-3500-Cr-D
309	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Hexavalent Chromium	IS 3025 (P-52) Cl.6

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310	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Oil and Grease	APHA 5520 B (23rd Edition)
311	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Oil and Grease	IS: 3025 (P-39)
312	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	pH Value	IS 3025 (P-11)
313	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Total Dissolved Solids	IS 3025 (P-16)
314	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Total Suspended Solids	APHA 2540 (23rd Edition)
315	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Total Suspended Solids	IS 3025 (P-15)
316	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Carbon Black for vulcanized Rubber	IS 3400(P-22)
317	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Identification of Rubber	IS 3400(P-22)
318	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Organic Sulphur	IS 3400(P-22)
319	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Organic Sulphur	IS: 5915 (App-A)
320	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Organic Sulphur	IS: 6110 (App-A)
321	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Rubber Hydrocarbon for vulcanized Rubber	IS 6110
322	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Ash	IS 3400(P-22)
323	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Ash	IS: 5915 (App-A)
324	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Ash	IS: 6110 (App-A)
325	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Extract	IS 3400 (P-22)
326	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Extract	IS: 5915 (App-A)
327	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Extract	IS: 6110 (App-A)
328	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total polymer for vulcanized Rubber (Indirect Method)	IS 3400(P-22)

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329	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total polymer for vulcanized Rubber (Indirect Method)	IS: 5915 (App-A)
330	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total polymer for vulcanized Rubber (Indirect Method)	IS: 6110 (App-A)
331	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Coated and treated fabrics	Resistance to Accelerated ageing (Oven Method)	IS 7016 (P-8)
332	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Coated and treated fabrics	Resistance to Penetration by water	IS 7016 (P-7)
333	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, , Automotive Textiles	Pressure Head Test	IS 7940
334	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries,	Pressure Head Test	IS 1389
335	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile	Water Repellency of fabrics by cone test	IS 7941
336	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile	Water Repellency of fabrics by water spray test	IS 390
337	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Flammability (Vertical Flame)	IS 11871
338	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Flammability (Vertical Flame)	IS 11871 (Method-A)
339	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Dimensional Changes on soaking in water of fabrics (Other than wool)	IS 2977
340	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile	Conductivity of aqueous & organic extracts	IS 4420
341	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Sulphate content	IS 4203
342	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Water Absorption & penetration of fabrics using Bundesmann Type Apparatus (Leakage)	IS 392
343	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Water Absorption & penetration of fabrics using Bundesmann Type Apparatus (Absorption)	IS 392
344	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles,	Scouring loss in grey & finished cotton	IS 1383

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345	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Analysis of binary mixtures of acrylic , certain modacrylics & certain other fiber (Polyamide, polyester, viscose)	IS 3421
346	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Analysis of binary mixtures of polyester fiber with cotton & or regenerated cellulose (polyester)	IS 3416
347	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Analysis of binary mixtures of protein fiber with certain other non-protein fibers (polyester, polyamide, cotton, acrylic, PP, Polyester)	IS 2006
348	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Analysis of binary mixtures of Regenerated Cellulose Fibres and Cotton (Sulphuric acid Method) (Polyester, Cotton)	IS 1889 (P-4)
349	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Ash content in grey & finished cotton	IS 199
350	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Chloride content	IS 4202
351	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Day Light	IS/ISO 105 B01
352	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Dry cleaning	IS/ISO 105 :Part D01
353	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Organic solvent	ISO 105 X05
354	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Perspiration	IS/ISO 105 E04
355	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Rubbing	IS/ISO 105 Part X12
356	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Sea water	IS/ISO 105 : Part E02

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357	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to washing	IS/ISO-105-C-10
358	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Colour fastness to Water	IS/ISO 105 E01
359	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Moisture content in grey & finished cotton	IS 199
360	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	pH value of aqueous Extract	IS 1390
361	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Water soluble matter	IS 3456
362	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Special Proofed Canvas and Duck	Pressure Head Test	IS 6803 (Cl. 6.2.3)
363	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Special Proofed Canvas and Duck	Proofing Content	IS 6803 (Appendix-A-1)
364	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO4	IS 1070
365	CHEMICAL- WATER	Reagent Grade Water	pH Value	IS 3025 (P-11)
366	CHEMICAL- WATER	Reagent Grade Water	Silica	APHA 1995 (23rd Edition)
367	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 (P-35) Cl.3:
368	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	APHA 2510 (23rd Edition):
369	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 (P-14)
370	CHEMICAL- WATER	Reagent Grade Water	Total Solids/ Non Volatile Residue	IS 3025 (P-15)
371	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Acidity	APHA 2310 B (23rd Edition)
372	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Acidity	IS 3025 (P-22)
373	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Alkalinity	APHA 2320 B (23rd Edition)
374	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Alkalinity	IS 3025 (P-23)
375	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Calcium	IS 3025 (P-40)

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376	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Chloride	IS 3025 (P-32) Cl.2
377	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Colour	APHA 2120-C (23rd Edition
378	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Colour	IS 3025 (P-4)
379	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Fluoride	APHA 4500 D (23rd Edition)
380	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Fluoride	IS 3025 (P-60)
381	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Inorganic Solids	IS 3025 (P-18)
382	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Iron	APHA 3500 Fe B (23rd Edition)
383	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Iron	IS 3025 (P-53) Cl.6
384	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Magnesium	IS 3025 Part 46
385	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Odor	APHA 2150 (23rd Edition)
386	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Odor	IS 3025 (P-5)
387	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	pH Value	IS 3025 (P-11)
388	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Silica	IS 3025 Part 35
389	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Sulphate	IS 3025 Part-24 Sec 1
390	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Total Dissolved Solids	IS 3025 (P-16)
391	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Total Hardness	APHA 2340 C (23rd Edition)
392	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Total Hardness	IS 3025 (P-21)
393	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Total Suspended Solid	IS 3025 Part 17
394	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Turbidity	APHA 2130-B (23rd Edition)

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395	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Turbidity	IS 3025 (P-10)
396	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (P-32) Cl.2
397	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (P-18)
398	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (P-18)
399	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (P-11)
400	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 Part-24 Sec 1
401	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025(P-17)
402	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N H2SO4 required to neutralize 100 ml sample of water using Methyl Orange	IS 3025 (P-23)
403	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N NaOH required to neutralize 100 ml sample of water using Phenolpthalein	IS 3025 (P-22)
404	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (P-1)
405	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (P-3)
406	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Height	IS 1077
407	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Length	IS 1077
408	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (P-2)
409	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Width	IS 1077
410	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Compressive Strength	IS 4031 (P-6)
411	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Consistency	IS 4031 (P-4)
412	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Density	IS 4031 (P-11)
413	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Drying Shrinkage	IS 4031 (P-10)
414	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Fineness (by Blaine's Method)	IS: 4031 (P-2)

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415	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Fineness by dry sieving	IS 4031 (P-1)
416	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Setting Time (Final)	IS 4031 (P-5)
417	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Setting Time (Initial)	IS 4031 (P-5)
418	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Soundness (Autoclave)	IS 4031 (P-3)
419	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC, PPC, PSC)	Soundness (Le-chatelier)	IS: 4031 (P-3)
420	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 (P-6)
421	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture, in N/mm²	IS 13630 (P-6)
422	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 (P-13)
423	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water absorption, % by mass	IS 13630 (P-2)
424	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value	IS: 2386 (P-4)
425	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value (Los Angeles)	IS 2386 (P-4)
426	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (P-3)
427	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Clay Lumps	IS 2386 Part 2
428	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Coal and Lignite	IS 2386 Part 2
429	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Combined Flakiness & Elongation Index	IS 2386 (P-1)
430	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (P-4)
431	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (P-4)
432	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material finer than 75µ	IS 2386 Part 1

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433	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis (Sieve Sizes - 80 mm, 63 mm, 40 mm, 20 mm, 16 mm, 12.5 mm, 10 mm, 4.75 mm, 2.36 mm)	IS 2386 (P-1)
434	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness (by Sodium Sulphate & Magnesium Sulphate)	IS 2386 (P-5)
435	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (P-3)
436	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (P-3)
437	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/ Sec 1)
438	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Concrete Cores	IS 516 (P-4)
439	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural strength	BS EN 12390-5
440	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural strength	IS 516 Part 1 Sec 1
441	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split tensile strength (For Cylinder)	BS EN 12390-6
442	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split tensile strength (For Cylinder)	IS 516 Part 1 Sec 1
443	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (P-3)
444	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay Lumps	IS 2386 Part 2
445	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Coal and Lignite	IS 2386 Part 2
446	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material finer than 75µ	IS 2386 Part 1
447	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (P-2)
448	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis (Sieve sizes - 10 mm, 4.75 mm, 2.36 mm, 1.18 mm, 600 Micron, 300 Micron, 150 Micron)	IS 2386 (P-1)
449	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Clay and Fine Dust	IS 2386 (P-2)

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450	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (by Sodium Sulphate & Magnesium Sulphate)	IS 2386 (P-5)
451	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (P-3)
452	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (P-3)
453	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	End Immersion Test	IS 4020 (P-13)
454	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Glue Adhesion Test	IS 4020 (P-15)
455	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Knife Test	IS 4020 (P-14)
456	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
457	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Height	IS 15658
458	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658
459	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658
460	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Width	IS 15658
461	MECHANICAL- BUILDINGS MATERIALS	Plywood	Density	IS 1734 (P-1)
462	MECHANICAL- BUILDINGS MATERIALS	Plywood	Glue Shear Strength (Dry State)	IS: 1734 (P-4)
463	MECHANICAL- BUILDINGS MATERIALS	Plywood	Glue Shear Strength (Wet State)	IS: 1734 (P-4)
464	MECHANICAL- BUILDINGS MATERIALS	Plywood	Moisture Content	IS 1734 (P-1)
465	MECHANICAL- BUILDINGS MATERIALS	Plywood	Tensile Strength (Along the grain & across the grain)	IS: 1734 (P-9)
466	MECHANICAL- BUILDINGS MATERIALS	Plywood	Water Resistance Test (Adhesion of Plies)	IS 1734 (P-6)
467	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Compressive Strength at 28 Days	IS 1727

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468	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Fineness (Specific Surface) (by Blaine's Method)	IS 1727
469	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Lime reactivity	IS 1727
470	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Particle retained on 45 micron IS: Sieve(wet sieving)	IS 1727
471	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Soundness by (Autoclave Expansion)	IS 1727
472	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Specific Gravity	IS 1727
473	MECHANICAL- BUILDINGS MATERIALS	Refractory Material	Bulk Density	ASTM C134
474	MECHANICAL- BUILDINGS MATERIALS	Refractory Material	Cold Crushing strength	ASTM C133
475	MECHANICAL- BUILDINGS MATERIALS	Refractory Material	Permanent Liner Change	ASTM C113
476	MECHANICAL- BUILDINGS MATERIALS	Tiles	Length	IS 13630 Part 1
477	MECHANICAL- BUILDINGS MATERIALS	Tiles	Thickness	IS 13630 Part 1
478	MECHANICAL- BUILDINGS MATERIALS	Tiles	Width	IS 13630 Part 1
479	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials, alloys & products	Brinell Hardness	IS 1500 (P-1)
480	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Ferrous materials, alloys & products)	Torsion Test	IS 1717
481	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Ferrous materials, alloys & products)	Wrapping Test	IS 1755
482	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar	Mass per Meter	IS 1786
483	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar)	Rebend test	IS 1786
484	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Alloy & Products	Rockwell Hardness (C Scale)	IS- 1586 (P-1)

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485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloy & Products	Shear Strength	IS 5242
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous, Alloy & Products	Cupping test	IS 10175
487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Bend test	IS 1599
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Charpy Impact Test (V Notch) (Ambient to -60 Deg C)	ASTM E23
489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Charpy Impact Test (V Notch) (Ambient to -60 Deg C)	IS 1757 (P-1)
490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Izod Impact Test (Room Temperature)	IS 1598
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Rockwell Hardness (A Scale)	IS 1586 (P-1)
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Rockwell Hardness (B Scale)	IS 1586 (P-1)
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness (HV 5)	IS 1501 (P-1)
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness (HV30)	IS 1501 (P-1)
495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness HV10)	IS 1501 (P-1)
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	0.2% proof stress	ASTM E8/8M
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	0.2% proof stress	IS 1608 (P-1)
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Elongation	ASTM E8/8M

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499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Elongation	IS 1608 (P-1)
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Reduction of Area	IS 1608 (P-1)
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Ultimate Tensile Strength	ASTM E8/8M
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Ultimate Tensile strength	IS 1608 (P-1)
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Yield stress	ASTM E8/8M
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Yield stress	IS 1608 (P-1)
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, Welding Test Specimen)	Bend test	ASTM E190
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous materials, alloys & products)	Flaring test (Drift expending test)	IS 2335
507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous materials, alloys & products)	Flattening test	IS 2328
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Bend Test	IS 3600 : Part 5
509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Transverse Tensile Test	IS 3600 (Part-3)
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Transverse Tensile Test	ISO 4136
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Specimen	Nick Break test	API 1104 (Section: 5.6.3 & 13.2.3.3)
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Specimen	Nick Break test	AWS B4.0 Section 9

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513	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Bend Test	AWS B4.0 Section 6
514	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded test Specimen	Ultimate Tensile strength	ASTM E8/8M
515	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Average Grain Size Number (By Comparison Method)	ASTM E112
516	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Macro Examination	ASTM E340
517	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Micro Structure	ASM-9 Handbook
518	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Average Grain Size Number (By Comparison Method)	IS 4748
519	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth by Microscopic Method	IS 6416 clause 8
520	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Decarburised Depth (By Microscopic Method)	IS 6396
521	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating (By Method A)	IS 4163
522	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Examination	ASTM E381
523	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Examination	IS 13015
524	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper board & specialy paper, Composite packing material	Bursting Strength	IS 1060 (P-1) (Cl-12.5)
525	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper board & specialy paper, Composite packing material	Cobb Test (increase in GSM)	IS 1060(P-1) (Cl. 13.2.2)
526	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper board & specialy paper, Composite packing material	Substance or ream weight	IS 1060 (P-1)
527	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper board & specialy paper, Composite packing material	Thickness	IS 1060 (P-1)
528	MECHANICAL- PAPER & PAPER PRODUCTS	Paper, Paper board & specialy paper, Composite packing material	Water proofness (increase in GSM)	IS 4006(Part-1) (clause 6)
529	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Flexural Modulus	ASTM D790
530	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Flexural Modulus	IS 13360 (P-5/Sec-7)

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531	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Hardness (Shore-D)	ASTM D2240
532	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Hardness (Shore-D)	IS 13360 (P5/Sec-11)
533	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Specific Gravity/Density	ASTM D 792
534	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Water Absorption	ASTM D570
535	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE / LDPE	Elongation	ASTM D638
536	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Charpy Impact Strength	IS 13360(P-5 Sec-5)
537	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Charpy Impact Strength	ISO 179 (P-1)
538	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Elongation	IS 13360 (P-5/Sec-1)
539	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Izod impact Strength	ASTM D256
540	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Izod impact Strength	ASTM D256
541	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Izod impact Strength	ISO 180
542	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Melt Flow Rate	IS13360(P-4 Sec-1)
543	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Melt Flow test	ASTM D 1238
544	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Tensile Strength	ASTM D638
545	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Tensile Strength	IS 13360 (P-5/Sec-1)
546	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Air ageing Test	ASTM D573
547	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Air ageing Test	IS 3400 (P-4)
548	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Elongation after Air ageing	ASTM D412
549	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Elongation after Air ageing	IS 3400 (P-I)

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550	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Hardness (Shore-A) after Air Ageing	IS 3400 : Part 23 : Sec 1
551	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Hardness (Shore-A) after Air Ageing	ASTM D2240
552	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Tensile Strength After Air Ageing	ASTM D412
553	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Tensile Strength After Air Ageing	IS 3400 (P-I)
554	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Compression Set	ASTM D395
555	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Compression Set	IS 3400 : Part 10 : Sec 1
556	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Density	IS 3400 : Part 9
557	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of liquids (Change in Volume)	ASTM D 471 (a)
558	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Elongation at break	ASTM D412
559	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Elongation at break	IS 3400 : Part 1
560	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness (Shore-A)	IS 3400 : Part 23 : Sec 1
561	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness (Shore-A)	ASTM D2240
562	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tensile Strength	ASTM D412
563	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tensile Strength	IS 3400 : Part 1
564	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 (P-16)
565	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS 2720 (P-40)
566	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis-Dry Sieving (Fraction retain on 4.75 mm sieve - 100 mm, 75 mm, 19 mm, 4.75 mm)	IS 2720 (P-4)

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567	MECHANICAL- SOIL AND ROCK	Soil	Grain Size Analysis-Wet Sieving (Fraction passing 4.75 mm sieve - 2.0 mm, 425 Micron, 75 Micron)	IS 2720 (P-4)
568	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cassagrande	IS 2720 (P-5) Cl. 3.0
569	MECHANICAL- SOIL AND ROCK	Soil	MDD (Heavy Compaction)	IS 2720 (P-8)
570	MECHANICAL- SOIL AND ROCK	Soil	MDD (Light Compaction)	IS 2720 (P-7)
571	MECHANICAL- SOIL AND ROCK	Soil	OMC (Heavy Compaction)	IS 2720 (P-8)
572	MECHANICAL- SOIL AND ROCK	Soil	OMC (Light Compaction)	IS: 2720 (P-7)
573	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)
574	MECHANICAL- SOIL AND ROCK	Soil	Plasticity Index	IS 2720 (P-5)
575	MECHANICAL- SOIL AND ROCK	Soil	Soil Permeability (Falling Head)	IS 2720 (P-17) Cl. 6.0
576	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Extension at break for coated & treated fabric	IS 7016 (P-2)
577	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Breaking Strength for coated & treated fabric	IS 7016 (P-2)
578	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Resistance to damage by Flexing	IS 7016 (P-4)
579	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Tear strength for coated and treated fabric	IS 7016(P-3)
580	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Breaking strength of woven textile fabrics (Raveled Strip Method)	IS 1969 (P-1)
581	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Creasing of textile Fabrics by measuring the angle of recovery	IS 4681
582	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Elongation of woven textile fabrics (Raveled Strip Method)	IS 1969 (P-1)
583	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Mass per unit length & mass per unit area of fabrics	IS 1964

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584	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Pilling resistance of fabric	IS 10971 (P-1)
585	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Tearing Resistance by the falling pendulum method	IS 6489 (P-1)
586	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Thickness of Woven & Knitted Fabric	IS 7702
587	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven), Industrial Textile, Tyre Cord fabric	Length & Width of woven fabrics	IS 1954
588	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven), Industrial Textile, Tyre Cord fabric	Threads per unit length in woven fabrics	IS 1963
589	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Endurance Test	IS 8156 (Annexure-E)
590	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Peel strength	IS 8156 (Annexure-E)
591	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Shear strength (Length & Width Wise)	IS 8156 (Annexure-E)
592	MECHANICAL- TEXTILE MATERIALS	Yarn	Breaking strength	IS 1670
593	MECHANICAL- TEXTILE MATERIALS	Yarn	Count of yarn	IS 3442
594	MECHANICAL- TEXTILE MATERIALS	Yarn	Crimp of yarn	IS 3442
595	MECHANICAL- TEXTILE MATERIALS	Yarn	Elongation	IS 1670
596	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 : Part 2
597	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 (P-5/S-4)
598	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity	IS 516 (P-5/S-1)

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Site Facility				
1	CHEMICAL- WATER	Water (Drinking Water, Water for Food, Water for Ice, Mineral Water)	Acidity	IS 3025 (P-22)
2	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 : Part 2
3	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 (P-5/S-4)
4	NON-DESTRUCTIVE-BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity	IS 516 (P-5/S-1)