



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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Validity 05/08/2024 to 04/08/2026 **Last Amended on** 23/09/2024

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 Testing				
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 (Dissolved Silica)	IS: 2386 (P-VII) (Cl.3)
7	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity (Nature of aggregate)	IS: 2386 (P-VII) (Cl.3)
8	CHEMICAL- BUILDING MATERIAL	Aggregates	Alkali Aggregate Reactivity (Reduction in Alkalinity)	IS: 2386 (P-VII) (Cl.3)
9	CHEMICAL- BUILDING MATERIAL	Aggregates	Chlorides	IS 14959 (P-2)
10	CHEMICAL- BUILDING MATERIAL	Aggregates	Sulphates	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Al ₂ O ₃	IS 4032 (Cl. 4.6.1)
12	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Alkali content as Na ₂ O and K ₂ O	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	CaO	IS 4032 (Cl. 4.7.1)
14	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Cl	IS 4032
15	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	Fe ₂ O ₃	IS 4032 (Cl. 4.5.1)
16	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	IR	IS 4032
17	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	LOI	IS 4032
18	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	MgO	IS 4032 (Cl. 4.8.1 & 7.2)
19	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	SiO ₂	IS 4032



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20	CHEMICAL- BUILDING MATERIAL	Cement (OPC)	SO ₃	IS 4032
21	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Alkali content as Na ₂ O and K ₂ O	IS 4032
22	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	Cl	IS 4032 (Cl.4.13)
23	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	IR	IS 4032 (Cl. 4.9 , 4.10 & 7.4)
24	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	LOI	IS 4032 (Cl. 4.2 & 7.1)
25	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	MgO	IS 4032 (Cl. 4.8.1 & 7.2)
26	CHEMICAL- BUILDING MATERIAL	Cement (PPC)	SO ₃	IS 4032 (Cl.4.9 & 7.3)
27	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Al ₂ O ₃	IS 4032 (Cl. 4.6.1 & 6.6)
28	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	CaO	IS 4032 (Cl. 4.7.1 & 6.7.1)
29	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Cl	IS 4032 (Cl.4.13)
30	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	Fe ₂ O ₃	IS 4032 (Cl. 4.5.1 & 6.5)
31	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	IR	IS 4032 (Cl.4.9 , 4.10 & 6.9)
32	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	LOI	IS 4032 (Cl.4.2 & 6.2)
33	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	MgO	IS 4032 (Cl. 4.8.1 & 6.8.1)
34	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	SiO ₂	IS 4032 (Cl.4.3 & 6.3)
35	CHEMICAL- BUILDING MATERIAL	Cement (PSC)	SO ₃	IS 4032 (Cl.6.11)
36	CHEMICAL- BUILDING MATERIAL	Concrete	Chlorides	IS 14959 (P-2)
37	CHEMICAL- BUILDING MATERIAL	Concrete	Sulphates	BS 1881 (P-124)
38	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Al ₂ O ₃	IS 1727
39	CHEMICAL- BUILDING MATERIAL	Pozzolanic Materials (Fly ash)	Available Alkali (Na ₂ O)	IS 3812 (P-1 & 2)(Annex-C)



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40	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	CaO	IS 1727
41	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	Cl	IS 4032
42	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	Fe ₂ O ₃	IS 1727
43	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	LOI	IS 1727
44	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	MgO	IS 1727
45	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	SiO ₂	IS 1727
46	CHEMICAL- BUILDING MATERIAL	Pozzolan Materials (Fly ash)	SO ₃	IS 1727
47	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
48	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
49	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Fabricated articles of Iron, Steel, Nickel, Copper & its Alloy	Electroplated Coatings of Tin	IS 1359
50	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Cd)	ASTM E 376
51	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Cr)	ASTM E376
52	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Ni)	ASTM E376
53	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous & Non Ferrous Materials	Coating Thickness (Zn)	ASTM E 376
54	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Material	Coating Thickness (Zn)	IS 1573



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55	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous Material	Phosphate Coating	IS 14503
56	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Article	Adhesion of Coating	IS:2629
57	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	iron & Steel Article	Determination of Mass of Zinc coating on Zinc coated iron & Steel Article	IS 6745
58	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel Material	Chrome Passivation (Presence of Hexavalent Chromium)	IS 8602 Cl.4
59	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Non-Ferrous Material	Anodic Coating Thickness	IS 6012
60	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
61	CHEMICAL- METALS & ALLOYS	Copper	Copper	IS:440
62	CHEMICAL- METALS & ALLOYS	Copper	Iron	IS:440
63	CHEMICAL- METALS & ALLOYS	Copper	Nickel	IS:440
64	CHEMICAL- METALS & ALLOYS	Copper	Phosphorous	IS:440
65	CHEMICAL- METALS & ALLOYS	Copper	Tin	IS:440
66	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E-1086
67	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JISG 1253
68	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
69	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JISG 1253
70	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
71	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253
72	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium	JIS G1253



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73	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Chromium	ASTM E1251 (a)
74	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Chromium	ASTM E1251 (a)
75	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Copper	ASTM E1251 (a)
76	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Copper	ASTM E1251 (a)
77	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	ASTM E1251 (a)
78	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	ASTM E1251 (a)
79	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	SOP/CHE/00-AL
80	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Iron	SOP/CHE/00-AL
81	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Lead	ASTM E1251 (a)
82	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Lead	ASTM E1251 (a)
83	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	ASTM E1251 (a)
84	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	ASTM E1251 (a)
85	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	SOP/CHE/00-AL
86	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Magnesium	SOP/CHE/00-AL
87	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Manganese	ASTM E1251 (a)
88	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Manganese	ASTM E1251 (a)
89	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Nickel	ASTM E1251 (a)
90	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Nickel	ASTM E1251 (a)
91	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Silicon	ASTM E 1251 (a)
92	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Silicon	ASTM E 1251 (a)



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93	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Tin	ASTM E 1251 (a)
94	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Tin	ASTM E 1251 (a)
95	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Titanium	ASTM E1251 (a)
96	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Titanium	ASTM E1251 (a)
97	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Vanadium	ASTM E1251 (a)
98	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	ASTM E1251 (a)
99	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	ASTM E1251 (a)
100	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	SOP/CHE/00-AL
101	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloy (Casting, Wrought & Extrusion)	Zinc	SOP/CHE/00-AL
102	CHEMICAL- METALS & ALLOYS	Brass	Aluminium	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Brass	Arsenic	BS EN 15079
104	CHEMICAL- METALS & ALLOYS	Brass	Arsenic	BS EN 15079
105	CHEMICAL- METALS & ALLOYS	Brass	Copper	IS:3685
106	CHEMICAL- METALS & ALLOYS	Brass	Iron	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Brass	Iron	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	Brass	Iron	IS:3685
109	CHEMICAL- METALS & ALLOYS	Brass	Lead	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Brass	Lead	BS EN 15079
111	CHEMICAL- METALS & ALLOYS	Brass	Lead	IS:3685
112	CHEMICAL- METALS & ALLOYS	Brass	Manganese	BS EN 15079



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113	CHEMICAL- METALS & ALLOYS	Brass	Manganese	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Brass	Manganese	IS:3685
115	CHEMICAL- METALS & ALLOYS	Brass	Nickel	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Brass	Nickel	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Brass	Nickel	IS:3685
118	CHEMICAL- METALS & ALLOYS	Brass	Phosphorous	IS:3685
119	CHEMICAL- METALS & ALLOYS	Brass	Phosphorus	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	Brass	Phosphorus	BS EN 15079
121	CHEMICAL- METALS & ALLOYS	Brass	Silicon	BS EN 15079
122	CHEMICAL- METALS & ALLOYS	Brass	Silicon	BS EN 15079
123	CHEMICAL- METALS & ALLOYS	Brass	Silicon	IS:3685
124	CHEMICAL- METALS & ALLOYS	Brass	Tin	BS EN 15079
125	CHEMICAL- METALS & ALLOYS	Brass	Tin	BS EN 15079
126	CHEMICAL- METALS & ALLOYS	Brass	Tin	IS:3685
127	CHEMICAL- METALS & ALLOYS	Brass	Zinc	BS EN 15079
128	CHEMICAL- METALS & ALLOYS	Brass	Zinc	BS EN 15079
129	CHEMICAL- METALS & ALLOYS	Brass	Zinc	IS:3685
130	CHEMICAL- METALS & ALLOYS	Bronze	Aluminium	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Bronze	Aluminium	BS EN 15079
132	CHEMICAL- METALS & ALLOYS	Bronze	Arsenic	BS EN 15079



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133	CHEMICAL- METALS & ALLOYS	Bronze	Copper	IS: 4027 :P- 1
134	CHEMICAL- METALS & ALLOYS	Bronze	Iron	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	Bronze	Iron	BS EN 15079
136	CHEMICAL- METALS & ALLOYS	Bronze	Iron	IS: 4027 : P- 8
137	CHEMICAL- METALS & ALLOYS	Bronze	Lead	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	Bronze	Lead	BS EN 15079
139	CHEMICAL- METALS & ALLOYS	Bronze	Lead	IS: 4027 :P- 1
140	CHEMICAL- METALS & ALLOYS	Bronze	Manganese	BS EN 15079
141	CHEMICAL- METALS & ALLOYS	Bronze	Manganese	BS EN 15079
142	CHEMICAL- METALS & ALLOYS	Bronze	Manganese	IS: 4027: P- 2
143	CHEMICAL- METALS & ALLOYS	Bronze	Nickel	BS EN 15079
144	CHEMICAL- METALS & ALLOYS	Bronze	Nickel	BS EN 15079
145	CHEMICAL- METALS & ALLOYS	Bronze	Nickel	IS: 4027 : P- 4
146	CHEMICAL- METALS & ALLOYS	Bronze	Phosphorous	IS: 4027 : P- 3
147	CHEMICAL- METALS & ALLOYS	Bronze	Phosphorus	BS EN 15079
148	CHEMICAL- METALS & ALLOYS	Bronze	Phosphorus	BS EN 15079
149	CHEMICAL- METALS & ALLOYS	Bronze	Silicon	BS EN 15079
150	CHEMICAL- METALS & ALLOYS	Bronze	Silicon	BS EN 15079
151	CHEMICAL- METALS & ALLOYS	Bronze	Silicon	IS: 4027 : P- 10
152	CHEMICAL- METALS & ALLOYS	Bronze	Sulphur	BS EN 15079



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153	CHEMICAL- METALS & ALLOYS	Bronze	Sulphur	BS EN 15079
154	CHEMICAL- METALS & ALLOYS	Bronze	Tin	BS EN 15079
155	CHEMICAL- METALS & ALLOYS	Bronze	Tin	BS EN 15079
156	CHEMICAL- METALS & ALLOYS	Bronze	tin	IS: 4027 : P- 5
157	CHEMICAL- METALS & ALLOYS	Bronze	Zinc	BS EN 15079
158	CHEMICAL- METALS & ALLOYS	Bronze	Zinc	BS EN 15079
159	CHEMICAL- METALS & ALLOYS	Bronze	Zinc	IS: 4027 : P- 6
160	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
161	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
162	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E-1999
163	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
164	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS:12308 : (P-11)
165	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
166	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E-1999
167	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E-1999
168	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JISG 1253
169	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JISG 1253
170	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JISG 1253
171	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JISG 1253
172	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E-1999



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173	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E-1999
174	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
175	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253
176	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
177	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253
178	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E-1999
179	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E-1999
180	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
181	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS:12308 : (P-10)
182	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
183	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E-1999
184	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E-1999
185	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E-1999
186	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E-1999
187	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
188	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
189	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E-1999
190	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E-1999
191	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS:12308 : (P-5)
192	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E-1999



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193	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E-1999
194	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
195	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS:12308 : (P-6)
196	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
197	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E-1999
198	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
199	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS:12308 : (P-2)
200	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
201	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E-1999
202	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E-1999
203	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E-1999
204	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E-1999
205	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BS EN 15079
206	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	BS EN 15079
207	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Beryllium	BS EN 15079
208	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cadmium	BS EN 15079
209	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Chromium	BS EN 15079
210	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Chromium	BS EN 15079
211	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cobalt	BS EN 15079
212	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BS EN 15079



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213	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BS EN 15079
214	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	BS EN 15079
215	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BS EN 15079
216	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorus	BS EN 15079
217	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	BS EN 15079
218	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tellurium	BS EN 15079
219	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BS EN 15079
220	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BS EN 15079
221	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zirconium	BS EN 15079
222	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	ASTM E 2209
223	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	ASTM E 2209
224	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	JIS G1253
225	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Aluminium	JIS G1253
226	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	ASTM E 2209
227	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	ASTM E 2209
228	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	JIS G1253
229	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Carbon	JIS G1253: 2002
230	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	ASTM E 2209
231	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	ASTM E 2209
232	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	JIS G1253



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233	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Chromium	JIS G1253
234	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	ASTM E 2209
235	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	ASTM E 2209
236	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	JIS G1253
237	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Manganese	JIS G1253
238	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	ASTM E 2209
239	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	ASTM E 2209
240	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	JIS G1253
241	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Molybdenum	JIS G1253
242	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	ASTM E 2209
243	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	ASTM E 2209
244	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	JISG 1253
245	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Nickel	JISG 1253
246	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	ASTM E 2209
247	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	ASTM E 2209
248	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	JIS G1253: 2002
249	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Phosphorous	JIS G1253
250	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	ASTM E 2209
251	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	ASTM E 2209
252	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	JIS G1253



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253	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Silicon	JIS G1253
254	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Sulphur	JISG 1253
255	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Sulphur	JISG 1253
256	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Vanadium	JIS G1253
257	CHEMICAL- METALS & ALLOYS	Hi-Manganese Steel	Vanadium	JIS G1253
258	CHEMICAL- METALS & ALLOYS	Low Allo+A59:N127y & Carbon Steel	Titanium	ASTM E415: 2021
259	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	JIS G1253
260	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	JIS G1253
261	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	ASTM E-415
262	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	ASTM E-415: 2021
263	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	IS 8811
264	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	IS 8811: 1998
265	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	JIS G1253
266	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Aluminium	JIS G1253: 2002
267	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	IS 8811
268	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	JISG 1253
269	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	ASTM E-415
270	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	ASTM E-415: 2021
271	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	IS 8811: 1998
272	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Boron	JISG 1253: 2002



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273	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	IS 8811
274	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	ASTM E 415
275	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	ASTM E 415: 2021
276	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Carbon	IS 8811: 1998
277	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	ASTM E-415
278	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	ASTM E-415: 2021
279	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	IS 8811
280	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Chromium	IS 8811: 1998
281	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	ASTM E-415
282	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	ASTM E-415: 2021
283	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	IS 8811
284	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	IS 8811: 1998
285	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	JISG 1253
286	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Cobalt	JISG 1253: 2002
287	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	ASTM E-415
288	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	ASTM E-415: 2021
289	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	IS 8811
290	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	IS 8811 : 1998
291	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	JISG 1253
292	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Copper	JISG 1253: 2002



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293	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Lead	ASTM E415
294	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Lead	ASTM E415: 2021
295	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	ASTM E-415
296	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	ASTM E-415: 2021
297	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	IS 8811
298	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Manganese	IS 8811: 1998
299	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	ASTM E-415
300	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	ASTM E-415: 2021
301	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	IS 8811
302	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Molybdenum	IS 8811: 1998
303	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	ASTM E-415
304	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	ASTM E-415: 2021
305	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	IS 8811
306	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Nickel	IS 8811: 1998
307	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	ASTM E-415
308	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	ASTM E-415: 2021
309	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	IS 8811
310	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	IS 8811: 1998
311	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	JIS G1253
312	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Niobium	JIS G1253: 2002



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313	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	IS 8811
314	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	ASTM E-415
315	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	ASTM E-415: 2021
316	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Phosphorous	IS 8811: 1998
317	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	ASTM E 415
318	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	ASTM E 415: 2021
319	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	IS 8811
320	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	IS 8811: 1998
321	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Silicon	JIS G1253: 2002
322	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	ASTM E-415
323	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	ASTM E-415: 2021
324	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	IS 8811
325	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	IS 8811: 1998
326	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	JISG 1253
327	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Sulphur	JISG 1253: 2002
328	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	ASTM E415
329	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	IS 8811
330	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	IS 8811: 1998
331	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Titanium	JIS G1253: 2002
332	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Tungsten	JISG 1253



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333	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Tungsten	JISG 1253: 2002
334	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	ASTM E-415
335	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	ASTM E-415: 2021
336	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	IS 8811
337	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel	Vanadium	IS 8811: 1998
338	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 228 (Part 1)
339	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 228 (Part 6)
340	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 228 (Part 15)
341	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese (by arsenite method)	IS 228 (Part 2)
342	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 228 (Part 10)
343	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 228 (Part 5)
344	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 228 (Part 3)
345	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 228 (Part 8)
346	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 228 (Part 9)
347	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E-1086
348	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E-1086
349	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
350	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
351	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
352	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879



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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
353	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
354	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
355	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E-1086
356	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E-1086
357	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
358	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
359	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
360	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
361	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
362	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
363	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E-1086
364	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 228 (Part 15)
365	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 228 (Part 15)
366	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
367	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
368	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JISG 1253
369	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
370	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E-1086
371	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E-1086
372	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 2)



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373	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
374	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
375	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
376	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (by arsenite method)	IS 228 (Part 2)
377	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E-1086
378	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E-1086
379	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 10)
380	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
381	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
382	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
383	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
384	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
385	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
386	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E-1086
387	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E-1086
388	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
389	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
390	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
391	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
392	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253



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393	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
394	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
395	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
396	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E-1086
397	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E-1086
398	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
399	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
400	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 228 (Part 3)
401	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E-1086
402	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E-1086
403	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
404	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
405	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
406	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
407	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E-1086
408	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E-1086
409	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
410	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
411	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
412	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879



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413	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
414	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
415	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
416	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
417	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Carbon	IS 228 (Part 1)
418	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Chromium	IS 228 (Part 6)
419	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Copper	IS 228 (Part 15)
420	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Manganese (by arsenite method)	IS 228 (Part 2)
421	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Molybdenum	IS 228 (Part 10)
422	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Nickel	IS 228 (Part 5)
423	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Phosphorus	IS 228 (Part 3)
424	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Silicon	IS 228 (Part 8)
425	CHEMICAL- METALS & ALLOYS	Steel & Steel Alloy (Plain, Medium & High Carbon Steel)	Sulphur	IS 228 (Part 9)
426	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
427	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
428	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
429	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
430	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
431	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253
432	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253



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433	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253
434	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium	JIS G1253
435	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	JIS G1253
436	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	JIS G1253
437	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
438	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
439	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
440	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
441	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
442	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
443	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
444	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815-1
445	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Cadmium	ISO 3815-1
446	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Copper	ISO 3815-1
447	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Iron	ISO 3815-1
448	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	ISO 3815-1
449	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Magnesium	ISO 3815-1
450	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Tin	ISO 3815-1
451	CHEMICAL- PAINTS & SURFACE COATING	Paint & Enamels	Resistance to corrosion	IS 101 (P-6/Sec-1)
452	CHEMICAL- PAINTS & SURFACE COATING	Paint & Enamels	Resistance to salt spray	IS 101 (P-6/Sec-1)



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453	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Accelerated Storage Stability	IS 2932 (P-1) (Annex-G)
454	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Ash Content,%by mass	IS 101(P-8/Sec-3)
455	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Chromic Anhydride	IS 2074 Annex B
456	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Color	IS 101 (P-4/Sec-2)
457	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Consistency	IS 101 (P-1/S-5)
458	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Drying time (Hard Dry)	IS 101 (P-3/S-1)
459	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Drying time (Surface Dry)	IS 101 (P-3/S-1)
460	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Drying time (Tack Free)	IS 101 (P-3/S-1)
461	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Fe ₂ O ₃ Content,%by mass	IS 44
462	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Fineness of grind	IS 101 (P-3/Sec-5)
463	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Finish	IS 101 (P-3/S-4)
464	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Flash Point on liquid paints	IS 101 (P-1, Sec-6)
465	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Flexibility & Adhesion tests (Bend Test)	IS 101 (P-5/S-2)
466	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Flexibility & Adhesion tests (Scratch Hardness)	IS 101 (P-5/S-2)
467	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Gloss Value at 60°	IS 101(P-4/Sec-4)
468	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Impact Resistance	IS:101(P-5/Sec-1)
469	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Lead or lead Compounds(as PbO)	IS:101(P-8/Sec-5)
470	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Non Volatile Vehicle	IS 101 (P-8, Sec-2)
471	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Phthalic Anhydride of Non Volatile Vehicle	IS 101 (P-8/Sec-4)
472	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Pigment Content	IS 101 (P-8, Sec-2)



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473	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Plating Thickness (Phosphate,Paint)	ASTM E376
474	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Presence of rosin &rosin derivatives	IS:101(P-9/Sec-2)
475	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Reaction with Varnish,Exterior	IS 341 ANNEX C
476	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Reaction with White Paint	IS 341 ANNEX B
477	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to acid	IS 13871 (Annex -C)
478	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to acid	IS 2932 (P-1) (Annex-E)
479	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to acid	IS 9862 (Annex-E)
480	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to alkali	IS 13871 (Annex-C)
481	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to alkali	IS 2932 Part 1 (Annex-F)
482	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to alkali	IS 9862 (Annex F)
483	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to Chlorine	IS: 9862 (Annex-G)
484	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to Lubricating Oil/Petrol	IS 101 (P-7/S-2)
485	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to salt spray	IS 101 (P-6/S-1)
486	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to water	IS 101 (P-7, Sec-1)
487	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to water	IS 9862 (Annex-D)
488	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Resistance to water	IS: 133 (P-1) (Annexure-E)
489	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Stripping test	IS 101 (P-5/S-2)
490	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Viscosity by ford cup No-4	IS 101 (P-1, Sec-5)
491	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Volatile & Non Volatile Matter on liquid paints	IS 101 (P-2, Sec-2)
492	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Volume Solids	IS 101(P-8/Sec-6)



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493	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Water Content on liquid paints	IS 101 (P-2, Sec-1)
494	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Weight, kg/10liters on liquid paints	IS 101 (P-1, Sec-7)
495	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Wet opacity	IS:101(P-4/Sec-1)
496	CHEMICAL- PAINTS & SURFACE COATING	Paints, Powder Coatings & Enamels	Zinc Oxide	IS 2074
497	CHEMICAL- PLASTIC & RESINS	Glass reinforced Products and Granules	Glass content	IS 10661
498	CHEMICAL- PLASTIC & RESINS	Glass reinforced Products and Granules	Glass content	IS 13411
499	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Ash Content	IS 1060 Part 4 Sec 3
500	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Effect of Organic Solvents	JSS 9330 -03 (APPENDIX-E)
501	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	pH of Water Extract	IS 1060 Part 4 Sec 7
502	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Solubility in Organic Solvents (Acetone/Toluene/Ethyl acetate/Acetone)	JSS 9330 -03 (APPENDIX-B/C/D)
503	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water Soluble Chlorides	IS 1060 (Part-2) (Method-17)
504	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water soluble matter	JSS 9330 -03 (APPENDIX-A): 2007
505	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules	Water Soluble Sulphates	IS 1060 (Part-2) (Method-18)
506	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Ash Content	ASTM D5630
507	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Ash Content	IS 13360 Part 8, Sec-8
508	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Ash Content	ISO 3451-1
509	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Over all migration test	IS 9845
510	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	pH of Extract	IS:2530
511	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Sulphated Ash	IS:4985
512	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Volatile Matter	Is:4984

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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513	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Water Content	IS:4984
514	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Water Content	ISO-15512
515	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Water Soluble Chloride	IS:2530
516	CHEMICAL- PLASTIC & RESINS	HDPE/LDPE/ LLDPE Films/ Granules/plastic Product	Water Soluble Sulphate	IS:2530
517	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	B O D	APHA 5210 (24rd Edition)
518	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	B O D	IS 3025 (P-44)
519	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	COD	IS 3025 (P-58)
520	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Dissolve Oxygen	IS 3025 (P-38) Cl.4
521	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Hexavalent Chromium	IS 3025 (P-52) Cl.6
522	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Oil and Grease	IS: 3025 (P-39)
523	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	pH Value	IS 3025 (P-11)
524	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Total Dissolved Solids	IS 3025 (P-16)
525	CHEMICAL- POLLUTION & ENVIRONMENT	Effluent Water, Waste Water	Total Suspended Solids	IS 3025 (P-15)
526	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Carbon Black for vulcanized Rubber	IS 3400(P-22)
527	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Identification of Rubber	IS 3400(P-22)
528	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Organic Sulphur	IS 3400(P-22)
529	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Ash	IS 3400(P-22)
530	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total Extract	IS 3400 (P-22)
531	CHEMICAL- RUBBER & RUBBER PRODUCTS	Natural Rubber & Synthetic Rubber	Total polymer for vulcanized Rubber (Indirect Method)	IS 3400(P-22)
532	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	, Yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Resistance to Low temperture	IS:7016(P-10)



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533	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	, Yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Resistance to UV Radiation	IS:14887 (appendix -C)
534	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Resistance to UV Radiation	IS 14252
535	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Resistance to UV Radiation	IS 14968
536	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Coated and treated fabrics	Resistance to Accelerated ageing (Oven Method)	IS 7016 (P-8)
537	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Coated and treated fabrics	Resistance to Penetration by water	IS 7016 (P-7)
538	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, , Automotive Textiles	Pressure Head Test	IS 7940
539	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries,	Pressure Head Test	IS 1389
540	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile	Water Repellency of fabrics by cone test	IS 7941
541	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile	Water Repellency of fabrics by water spray test	IS 390
542	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Flammability (Vertical Flame)	IS 11871
543	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Flammability (Vertical Flame)	IS 11871 (Method-A)
544	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
545	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile	Conductivity of aqueous & organic extracts	IS 4420
546	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles	Sulphate content	IS 4203
547	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
548	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
549	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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550	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
551	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
552	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
553	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)
554	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
555	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Fiber, Filaments, yarn, cords, Fabrics, Garments & made ups, Auxiliaries, Medical textile, Automotive Textiles, Geo Textiles	Chloride content	IS 4202
556	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
557	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
558	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
559	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
560	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
561	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
562	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



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563	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
564	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
565	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
566	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
567	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Special Proofed Canvas and Duck	Pressure Head Test	IS 6803 (Cl. 6.2.3)
568	CHEMICAL- TEXTILE (WOVEN & NON WOVEN)	Special Proofed Canvas and Duck	Proofing Content	IS 6803 (Appendix-A-1)
569	CHEMICAL- WATER	Drinking Water	Acidity	IS 3025 (P-22)
570	CHEMICAL- WATER	Drinking Water	Alkalinity	IS 3025 (P-23)
571	CHEMICAL- WATER	Drinking Water	Calcium	IS 3025 (P-40)
572	CHEMICAL- WATER	Drinking Water	Chloride	IS 3025 (P-32) Cl.2
573	CHEMICAL- WATER	Drinking Water	Colour	IS 3025 (P-4)
574	CHEMICAL- WATER	Drinking Water	Fluoride	IS 3025 (P-60)
575	CHEMICAL- WATER	Drinking Water	Inorganic Solids	IS 3025 (P-18)
576	CHEMICAL- WATER	Drinking Water	Iron	IS 3025 (P-53) Cl.6
577	CHEMICAL- WATER	Drinking Water	Magnesium	IS 3025 Part 46
578	CHEMICAL- WATER	Drinking Water	Odor	IS 3025 (P-5)
579	CHEMICAL- WATER	Drinking Water	pH Value	IS 3025 (P-11)
580	CHEMICAL- WATER	Drinking Water	Residual Free Chlorine	IS 3025 (P-26)
581	CHEMICAL- WATER	Drinking Water	Silica	IS 3025 Part 35
582	CHEMICAL- WATER	Drinking Water	Sulphate	IS 3025 Part-24 Sec 1
583	CHEMICAL- WATER	Drinking Water	Total Dissolved Solids	IS 3025 (P-16)
584	CHEMICAL- WATER	Drinking Water	Total Hardness	IS 3025 (P-21)
585	CHEMICAL- WATER	Drinking Water	Total Suspended Solid	IS 3025 Part 17
586	CHEMICAL- WATER	Drinking Water	Turbidity	IS 3025 (P-10)
587	CHEMICAL- WATER	Mineral Water	Acidity	IS 3025 (P-22)
588	CHEMICAL- WATER	Mineral Water	Alkalinity	IS 3025 (P-23)



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589	CHEMICAL- WATER	Mineral Water	Calcium	IS 3025 (P-40)
590	CHEMICAL- WATER	Mineral Water	Chloride	IS 3025 (P-32) Cl.2
591	CHEMICAL- WATER	Mineral Water	Colour	IS 3025 (P-4)
592	CHEMICAL- WATER	Mineral Water	Fluoride	IS 3025 (P-60)
593	CHEMICAL- WATER	Mineral Water	Inorganic Solids	IS 3025 (P-18)
594	CHEMICAL- WATER	Mineral Water	Iron	IS 3025 (P-53) Cl.6
595	CHEMICAL- WATER	Mineral Water	Magnesium	IS 3025 Part 46
596	CHEMICAL- WATER	Mineral Water	Odor	IS 3025 (P-5)
597	CHEMICAL- WATER	Mineral Water	pH Value	IS 3025 (P-11)
598	CHEMICAL- WATER	Mineral Water	Residual Free Chlorine	IS 3025 (P-26)
599	CHEMICAL- WATER	Mineral Water	Silica	IS 3025 Part 35
600	CHEMICAL- WATER	Mineral Water	Sulphate	IS 3025 Part-24 Sec 1
601	CHEMICAL- WATER	Mineral Water	Total Dissolved Solids	IS 3025 (P-16)
602	CHEMICAL- WATER	Mineral Water	Total Hardness	IS 3025 (P-21)
603	CHEMICAL- WATER	Mineral Water	Total Suspended Solid	IS 3025 Part 17
604	CHEMICAL- WATER	Mineral Water	Turbidity	IS 3025 (P-10)
605	CHEMICAL- WATER	Reagent Grade Water	Colour retention of KMnO ₄	IS 1070
606	CHEMICAL- WATER	Reagent Grade Water	pH Value	IS 3025 (P-11)
607	CHEMICAL- WATER	Reagent Grade Water	Silica	IS 3025 (P-35) Cl.3
608	CHEMICAL- WATER	Reagent Grade Water	Specific Conductivity	IS 3025 (P-14)
609	CHEMICAL- WATER	Reagent Grade Water	Total Solids/ Non Volatile Residue	IS 3025 (P-15)
610	CHEMICAL- WATER	Water for construction purpose	Chloride	IS 3025 (P-32) Cl.2
611	CHEMICAL- WATER	Water for construction purpose	Inorganic Solids	IS 3025 (P-18)
612	CHEMICAL- WATER	Water for construction purpose	Organic Solids	IS 3025 (P-18)
613	CHEMICAL- WATER	Water for construction purpose	pH Value	IS 3025 (P-11)
614	CHEMICAL- WATER	Water for construction purpose	Sulphate	IS 3025 Part-24 Sec 1
615	CHEMICAL- WATER	Water for construction purpose	Suspended Matter	IS 3025(P-17)
616	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N H ₂ SO ₄ required to neutralize 100 ml sample of water using Methyl Orange	IS 3025 (P-23)



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617	CHEMICAL- WATER	Water for construction purpose	Volume of 0.02N NaOH required to neutralize 100 ml sample of water using Phenolphthalein	IS 3025 (P-22)
618	CHEMICAL- WATER	Water for Food	Acidity	IS 3025 (P-22)
619	CHEMICAL- WATER	Water for Food	Alkalinity	IS 3025 (P-23)
620	CHEMICAL- WATER	Water for Food	Calcium	IS 3025 (P-40)
621	CHEMICAL- WATER	Water for Food	Chloride	IS 3025 (P-32) Cl.2
622	CHEMICAL- WATER	Water for Food	Colour	IS 3025 (P-4)
623	CHEMICAL- WATER	Water for Food	Fluoride	IS 3025 (P-60)
624	CHEMICAL- WATER	Water for Food	Inorganic Solids	IS 3025 (P-18)
625	CHEMICAL- WATER	Water for Food	Iron	IS 3025 (P-53) Cl.6
626	CHEMICAL- WATER	Water for Food	Odor	IS 3025 (P-5)
627	CHEMICAL- WATER	Water for Food	pH Value	IS 3025 (P-11)
628	CHEMICAL- WATER	Water for Food	Residual Free Chlorine	IS 3025 (P-26)
629	CHEMICAL- WATER	Water for Food	Silica	IS 3025 Part 35
630	CHEMICAL- WATER	Water for Food	Sulphate	IS 3025 Part-24 Sec 1
631	CHEMICAL- WATER	Water for Food	Total Dissolved Solids	IS 3025 (P-16)
632	CHEMICAL- WATER	Water for Food	Total Hardness	IS 3025 (P-21)
633	CHEMICAL- WATER	Water for Food	Total Suspended Solid	IS 3025 Part 17
634	CHEMICAL- WATER	Water for Food	Turbidity	IS 3025 (P-10)
635	CHEMICAL- WATER	Water for Food	Magnesium	IS 3025 Part 46
636	CHEMICAL- WATER	Water for Ice	Calcium	IS 3025 (P-40)
637	CHEMICAL- WATER	Water for Ice	Fluoride	IS 3025 (P-60)
638	CHEMICAL- WATER	Water for Ice	Inorganic Solids	IS 3025 (P-18)
639	CHEMICAL- WATER	Water for Ice	Iron	IS 3025 (P-53) Cl.6
640	CHEMICAL- WATER	Water for Ice	Magnesium	IS 3025 Part 46
641	CHEMICAL- WATER	Water for Ice	Odor	IS 3025 (P-5)
642	CHEMICAL- WATER	Water for Ice	pH Value	IS 3025 (P-11)
643	CHEMICAL- WATER	Water for Ice	Residual Free Chlorine	IS 3025 (P-26)
644	CHEMICAL- WATER	Water for Ice	Silica	IS 3025 Part 35
645	CHEMICAL- WATER	Water for Ice	Sulphate	IS 3025 Part-24 Sec 1
646	CHEMICAL- WATER	Water for Ice	Total Dissolved Solids	IS 3025 (P-16)
647	CHEMICAL- WATER	Water for Ice	Total Hardness	IS 3025 (P-21)

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648	CHEMICAL- WATER	Water for Ice	Total Suspended Solid	IS 3025 Part 17
649	CHEMICAL- WATER	Water for Ice	Turbidity	IS 3025 (P-10)
650	CHEMICAL- WATER	Water for Ice	Acidity	IS 3025 (P-22)
651	CHEMICAL- WATER	Water for Ice	Alkalinity	IS 3025 (P-23)
652	CHEMICAL- WATER	Water for Ice	Chloride	IS 3025 (P-32) Cl.2
653	CHEMICAL- WATER	Water for Ice	Colour	IS 3025 (P-4)
654	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Compressive Strength	IS 3495 (P-1)
655	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Efflorescence	IS 3495 (P-3)
656	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Height	IS 1077
657	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Length	IS 1077
658	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Water Absorption	IS 3495 (P-2)
659	MECHANICAL- BUILDINGS MATERIALS	Building Bricks	Width	IS 1077
660	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Compressive Strength	IS 4031 (P-6)
661	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Consistency	IS 4031 (P-4)
662	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Density	IS 4031 (P-11)
663	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness (by Blaine's Method)	IS: 4031 (P-2)
664	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Fineness by dry sieving	IS 4031 (P-1)
665	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Setting Time (Final)	IS 4031 (P-5)
666	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Setting Time (Initial)	IS 4031 (P-5)
667	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Soundness (Autoclave)	IS 4031 (P-3)
668	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC)	Soundness (Le-chatelier)	IS: 4031 (P-3)
669	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Compressive Strength	IS 4031 (P-6)



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670	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Consistency	IS 4031 (P-4)
671	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Density	IS 4031 (P-11)
672	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Drying Shrinkage	IS 4031 (P-10)
673	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Fineness (by Blaine's Method)	IS: 4031 (P-2)
674	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Setting Time (Final)	IS 4031 (P-5)
675	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Setting Time (Initial)	IS 4031 (P-5)
676	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Soundness (Autoclave)	IS 4031 (P-3)
677	MECHANICAL- BUILDINGS MATERIALS	Cement (PPC)	Soundness (Le-chatelier)	IS: 4031 (P-3)
678	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Compressive Strength	IS 4031 (P-6)
679	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Consistency	IS 4031 (P-4)
680	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Density	IS 4031 (P-11)
681	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Fineness (by Blaine's Method)	IS: 4031 (P-2)
682	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Setting Time (Final)	IS 4031 (P-5)
683	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Setting Time (Initial)	IS 4031 (P-5)
684	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Soundness (Autoclave)	IS 4031 (P-3)
685	MECHANICAL- BUILDINGS MATERIALS	Cement (PSC)	Soundness (Le-chatelier)	IS: 4031 (P-3)
686	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Breaking Strength	IS 13630 (P-6)
687	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Modulus of Rupture, in N/mm ²	IS 13630 (P-6)
688	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Scratch Hardness	IS 13630 (P-13)
689	MECHANICAL- BUILDINGS MATERIALS	Ceramic Tiles	Water absorption, % by mass	IS 13630 (P-2)



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690	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	10% Fines Value	IS: 2386 (P-4)
691	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Abrasion Value (Los Angeles)	IS 2386 (P-4)
692	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density	IS 2386 (P-3)
693	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Clay Lumps	IS 2386 Part 2
694	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Coal and Lignite	IS 2386 Part 2
695	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (P-4)
696	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (P-4)
697	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Material finer than 75µ	IS 2386 Part 1
698	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)
699	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness (by Magnesium Sulphate)	IS 2386 (P-5)
700	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Soundness (by Sodium Sulphate)	IS 2386 (P-5)
701	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (P-3)
702	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (P-3)
703	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength	IS 516 (Part 1/ Sec 1)
704	MECHANICAL- BUILDINGS MATERIALS	Concrete	Compressive Strength of Concrete Cores	IS 516 (P-4)
705	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural strength	BS EN 12390-5
706	MECHANICAL- BUILDINGS MATERIALS	Concrete	Flexural strength	IS 516 Part 1 Sec 1
707	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split tensile strength (For Cylinder)	BS EN 12390-6
708	MECHANICAL- BUILDINGS MATERIALS	Concrete	Split tensile strength (For Cylinder)	IS 516 Part 1 Sec 1



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709	MECHANICAL- BUILDINGS MATERIALS	Concrete	Water Permeability Test	IS 516 (P-2/SEC-1)
710	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density	IS 2386 (P-3)
711	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Clay Lumps	IS 2386 Part 2
712	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Coal and Lignite	IS 2386 Part 2
713	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Material finer than 75µ	IS 2386 Part 1
714	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Organic Impurities	IS 2386 (P-2)
715	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)
716	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Silt Clay and Fine Dust	IS 2386 (P-2)
717	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (by Magnesium Sulphate)	IS 2386 (P-5)
718	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Soundness (by Sodium Sulphate)	IS 2386 (P-5)
719	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (P-3)
720	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (P-3)
721	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	End Immersion Test	IS 4020 (P-13)
722	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Glue Adhesion Test	IS 4020 (P-15)
723	MECHANICAL- BUILDINGS MATERIALS	Flush Door Shutters	Knife Test	IS 4020 (P-14)
724	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Compressive Strength	IS 15658
725	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Height	IS 15658
726	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Length	IS 15658
727	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Water Absorption	IS 15658



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728	MECHANICAL- BUILDINGS MATERIALS	Paver Block	Width	IS 15658
729	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Compressive Strength at 28 Days	IS 1727
730	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Fineness (Specific Surface) (by Blaine's Method)	IS 1727
731	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Lime reactivity	IS 1727
732	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Particle retained on 45 micron IS: Sieve(wet sieving)	IS 1727
733	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Soundness by (Autoclave Expansion)	IS 1727
734	MECHANICAL- BUILDINGS MATERIALS	Pozzolana Material (Fly Ash)	Specific Gravity	IS 1727
735	MECHANICAL- BUILDINGS MATERIALS	Refractory Material	Bulk Density	ASTM C134
736	MECHANICAL- BUILDINGS MATERIALS	Refractory Material	Cold Crushing strength	ASTM C133
737	MECHANICAL- BUILDINGS MATERIALS	Tiles	Length	IS 13630 Part 1
738	MECHANICAL- BUILDINGS MATERIALS	Tiles	Thickness	IS 13630 Part 1
739	MECHANICAL- BUILDINGS MATERIALS	Tiles	Width	IS 13630 Part 1
740	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler Joint	Static Tensile test- Tensile Strength(Mpa)	IS 1608(Part-1)
741	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coupler Joint	Total percentage elongation at maximum force	IS 1608(Part-1)
742	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials, alloys & products	Surface Roughness	IS 3073
743	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous materials, alloys & products	Brinell Hardness	IS 1500 (P-1)
744	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Ferrous materials, alloys & products)	Torsion Test	IS 1717
745	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous (Ferrous materials, alloys & products)	Wrapping Test	IS 1755

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746	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar)	Mass per Meter	IS 1786
747	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous (Reinforcing Steel Bar)	Rebend test	IS 1786
748	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloy & Products	Rockwell Hardness (C Scale)	IS- 1586 (P-1)
749	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloy & Products	Shear Strength	IS 5242
750	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous, Alloy & Products	Cupping test	IS 10175
751	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	0.2% proof load(KN)	IS 1608(Part-1)
752	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Breaking load(KN)	IS 1608(Part-1)
753	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Elongation(%)	IS 14268
754	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Nominal Diameter of strand	IS 14268
755	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Nominal mass of strand	IS 14268
756	MECHANICAL-MECHANICAL PROPERTIES OF METALS	HT Strand Wire	Ultimate Tensile strength	IS 1608(Part-1)
757	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Bend test	IS 1599
758	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Charpy Impact Test (V/U Notch) (Ambient to -60 Deg C)	ASTM E23
759	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Charpy Impact Test (V/U Notch) (Ambient to -60 Deg C)	IS 1757 (P-1)



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760	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Charpy Impact Test (V/U Notch) (Ambient to -60 Deg C)	ISO 148-1
761	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Izod Impact Test (Room Temperature)	IS 1598
762	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Rockwell Hardness (A Scale)	IS 1586 (P-1)
763	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Rockwell Hardness (B Scale)	IS 1586 (P-1)
764	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness (HV 5)	IS 1501 (P-1)
765	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness (HV30)	IS 1501 (P-1)
766	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products)	Vickers Hardness HV10)	IS 1501 (P-1)
767	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	0.2% proof stress	ASTM E8/8M
768	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	0.2% proof stress	IS 1608 (P-1)
769	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Dimension	ES/SOP/MECH/01
770	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Elongation	ASTM E8/8M
771	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Elongation	IS 1608 (P-1)
772	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Reduction of Area	IS 1608 (P-1)
773	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Ultimate Tensile Strength	ASTM E8/8M



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774	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Ultimate Tensile strength	IS 1608 (P-1)
775	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Weight	ES/SOP/MECH/02
776	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Yield stress	ASTM E8/8M
777	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, alloys & products, Welding Steel)	Yield stress	IS 1608 (P-1)
778	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous & Non Ferrous materials, Welding Test Specimen)	Bend test	ASTM E190
779	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous materials, alloys & products)	Flaring test (Drift expending test)	IS 2335
780	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals (Ferrous materials, alloys & products)	Flattening test	IS 2328
781	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Bend Test	IS 3600 : Part 5
782	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Bend Test	ISO 4136
783	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Transverse Tensile Test	IS 3600 (Part-3)
784	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Joints and Weld Metal	Transverse Tensile Test	ISO 4136
785	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Specimen	Nick Break test	API 1104 (Section: 5.6.3 & 13.2.3.3)
786	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Specimen	Nick Break test	AWS B4.0 Section 9
787	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Bend Test	AWS B4.0 Section 6



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788	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Welded test Specimen	Ultimate Tensile strength	ASTM E8/8M
789	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Average Grain Size Number (By Comparison Method)	ASTM E112
790	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Macro Examination	ASTM E340
791	MECHANICAL- METALLOGRAPHY TEST	Ferrous & Non Ferrous materials, alloys & products	Micro Structure	ASM-9 Handbook
792	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Average Grain Size Number (By Comparison Method)	IS 4748
793	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth by Microscopic Method	IS 6416 clause 8
794	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Decarburised Depth (By Microscopic Method)	IS 6396
795	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating (By Method A)	IS 4163
796	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Examination	ASTM E381
797	MECHANICAL- METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Examination	IS 11371
798	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Flexural Modulus	ASTM D790
799	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Flexural Modulus	IS 13360 (P-5/Sec-7)
800	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Hardness (Shore-D)	ASTM D2240
801	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Hardness (Shore-D)	IS 13360 (P5/Sec-11)
802	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Specific Gravity/Density	ASTM D 792
803	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE	Water Absorption	ASTM D570
804	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE / LDPE	Elongation	ASTM D638
805	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Ageing Test	IS:7016(P-8)
806	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Charpy Impact Strength	IS 13360(P-5 Sec-5)
807	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Charpy Impact Strength	ISO 179 (P-1)

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808	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Elongation	IS 13360 (P-5/Sec-1)
809	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Elongation at break	IS:4984
810	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Flexural Strength	ASTM D790
811	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Flexural Strength	IS:13360(9-5/sec-7)
812	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Izod impact Strength	ASTM D256
813	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Izod impact Strength	ISO 180
814	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Melt Flow Index	IS:2530
815	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Melt Flow Rate	IS13360(P-4 Sec-1)
816	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Melt Flow test	ASTM D 1238
817	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Tear Resistance	IS:2508
818	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Tensile Strength	ASTM D638
819	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Tensile Strength	IS 13360 (P-5/Sec-1)
820	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastics, HDPE/ LDPE	Thickness	IS:2508
821	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Air ageing Test	ASTM D573
822	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Air ageing Test	IS 3400 (P-4)
823	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Elongation after Air ageing	ASTM D412
824	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Elongation after Air ageing	IS 3400 (P-I)
825	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Hardness (Shore-A) after Air Ageing	ASTM D2240
826	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Hardness (Shore-A) after Air Ageing	IS 3400 : Part 23 : Sec 1
827	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Tensile Strength After Air Ageing	ASTM D412



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828	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Change in Tensile Strength After Air Ageing	IS 3400 (P-I)
829	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Compression Set	ASTM D395
830	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Compression Set	IS 3400 : Part 10 : Sec 1
831	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Density	IS 3400 : Part 9
832	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Elongation)	ASTM D 471
833	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Elongation)	IS:3400(P-6)
834	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in hardness IRHD)	ASTM D 471 (a)
835	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in hardness IRHD)	IS:3400(p-4)
836	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in hardness Shore -A)	ASTM D 471 (a)
837	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in hardness Shore -A)	IS:3400(P-6)
838	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Mass)	ASTM D 471
839	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Mass)	IS:3400(P-6)
840	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Tensile Strength)	ASTMD 471
841	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of Liquid (Change in Tensile Strength)	IS:3400(P-6)
842	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Effect of liquids (Change in Volume)	ASTM D 471 (a)
843	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Elongation at break	ASTM D412
844	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Elongation at break	IS 3400 : Part 1
845	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness (IRHD)	IS:3400(P-2), Method-N
846	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness (Shore-A)	ASTM D2240
847	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Hardness (Shore-A)	IS 3400 : Part 23 : Sec 1



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848	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Low Temperature Bend test	ASTM D2136
849	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tear Strength	ASTM D624
850	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tensile Strength	ASTM D412
851	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Rubber & Rubber Products	Tensile Strength	IS 3400 : Part 1
852	MECHANICAL- SOIL AND ROCK	Soil	CBR Test	IS 2720 (P-16)
853	MECHANICAL- SOIL AND ROCK	Soil	Direct shear	IS 2720 (P-13)
854	MECHANICAL- SOIL AND ROCK	Soil	Free swell index	IS 2720 (P-40)
855	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)
856	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)
857	MECHANICAL- SOIL AND ROCK	Soil	Liquid Limit by Cassagrande	IS 2720 (P-5) Cl. 3.0
858	MECHANICAL- SOIL AND ROCK	Soil	MDD (Heavy Compaction)	IS 2720 (P-8)
859	MECHANICAL- SOIL AND ROCK	Soil	MDD (Light Compaction)	IS 2720 (P-7)
860	MECHANICAL- SOIL AND ROCK	Soil	OMC (Heavy Compaction)	IS 2720 (P-8)
861	MECHANICAL- SOIL AND ROCK	Soil	OMC (Light Compaction)	IS: 2720 (P-7)
862	MECHANICAL- SOIL AND ROCK	Soil	Plastic Limit	IS 2720 (P-5)
863	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Breaking Strength for coated & treated fabric	IS 7016 (P-2)
864	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Extension at break for coated & treated fabric	IS 7016 (P-2)
865	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Resistance to damage by Flexing	IS 7016 (P-4)
866	MECHANICAL- TEXTILE MATERIALS	Fabrics (Coated & treated)	Tear strength for coated and treated fabric	IS 7016(P-3/sec-1)

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867	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)
868	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Creasing of textile Fabrics by measuring the angle of recovery	IS 4681
869	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Elongation of woven textile fabrics (Raveled Strip Method)	IS 1969 (P-1)
870	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Mass per unit length & mass per unit area of fabrics	IS 1964
871	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Pilling resistance of fabric	IS 10971 (P-1)
872	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Tearing Resistance by the falling pendulum method	IS 6489 (P-1)
873	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven & Non Woven), Industrial Textile, Tyre Cord fabric	Thickness of Woven & Knitted Fabric	IS 7702
874	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven), Industrial Textile, Tyre Cord fabric	Length & Width of woven fabrics	IS 1954
875	MECHANICAL- TEXTILE MATERIALS	Fabrics (Woven), Industrial Textile, Tyre Cord fabric	Threads per unit length in woven fabrics	IS 1963
876	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Elongation at break	ASTM D4595
877	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Elongation at break	IS 15891 (P-3)
878	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Mass per unit area	ASTM D5261
879	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Static Puncture Test	ASTM D6241
880	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Tensile Strength	ASTM D4595
881	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Tensile Strength	IS 15891 (P-3)
882	MECHANICAL- TEXTILE MATERIALS	Geo Textiles	Thickness	ASTM D5199
883	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Endurance Test (Peel & Shear Strength after Endurance)	IS 8156 (Annexure-E)
884	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Peel strength	IS 8156 (Annexure-E)
885	MECHANICAL- TEXTILE MATERIALS	Hook & Loop tape	Shear strength (Length & Width Wise)	IS 8156 (Annexure-E)



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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
886	MECHANICAL- TEXTILE MATERIALS	Yarn	Breaking strength	IS 1670
887	MECHANICAL- TEXTILE MATERIALS	Yarn	Count of yarn	IS 3442
888	MECHANICAL- TEXTILE MATERIALS	Yarn	Crimp of yarn	IS 3442
889	MECHANICAL- TEXTILE MATERIALS	Yarn	Elongation	IS 1670
890	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Density	IS 1734 (P-1)
891	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue Shear Strength (Dry State)	IS: 1734 (P-4)
892	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Glue Shear Strength (Wet State)	IS: 1734 (P-4)
893	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Moisture Content	IS 1734 (P-1)
894	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Tensile Strength (Along the grain & across the grain)	IS: 1734 (P-9)
895	MECHANICAL- WOOD AND WOOD PRODUCTS	Plywood	Water Resistance Test (Adhesion of Plies)	IS 1734 (P-6)
896	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Density	IS: 1708 (P-2)
897	MECHANICAL- WOOD AND WOOD PRODUCTS	Timber	Moisture Content	IS: 1708 (P-1)
898	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 13311 : Part 2
899	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Rebound Hammer Test	IS 516 (P-5/S-4)
900	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Concrete	Ultrasonic Pulse Velocity	IS 516 (P-5/S-1)



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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Validity 05/08/2024 to 04/08/2026 **Last Amended on** 23/09/2024

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
Site Testing				
1	MECHANICAL- BUILDINGS MATERIALS	Tile Adhesive	Pull off Adhesion	ASTM D4541
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)
5	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Pile Integrity Test	ASTM D 5882-16
6	NON-DESTRUCTIVE- BUILDING MATERIALS - REINFORCED CONCRETE STRUCTURES	Pile	Pile Integrity Test	IS 14893