National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METALAB (INDUSTRIAL LABORATORY), PLOT NO 10, SURVEY NO 47, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 15/01/2023 to 14/01/2025 **Last Amended on** 04/04/2023

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- CORROSION TESTS	Electroplated and Anodized Aluminium Coatings	Salt Spray Neutral Test	IS 9844
2	CHEMICAL- CORROSION TESTS	Inorganic & Organic coated product/ material	Degree of blistering, rusting, cracking, flaking and delamination	ISO 4628 pt 2, 3, 4, 5, and 8
3	CHEMICAL- CORROSION TESTS	Organic, inorganic and metal oxide coatings on Metals & Alloys	Salt Spray Test	ASTM B117
4	CHEMICAL- CORROSION TESTS	Organic, inorganic and metal oxide coatings on Metals & Alloys	Salt Spray Tests	ISO 9227,ISO 4628 part 2,3,4,5and 8
5	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Ferrous and Non Ferrous	Bromine	IEC 62321-3-1
6	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Ferrous and Non Ferrous	Cadmium	IEC 62321-3-1
7	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Ferrous and Non Ferrous	Chromium	IEC 62321-3-1
8	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Ferrous and Non Ferrous	Lead	IEC 62321-3-1
9	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Ferrous and Non Ferrous	Mercury	IEC 62321-3-1
10	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics	Bromine	IEC 62321-3-1
11	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics	Cadmium	IEC 62321-3-1
12	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics	Chromium	IEC 62321-3-1
13	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics	Lead	IEC 62321-3-1
14	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Plastics	Mercury	IEC 62321-3-1

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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
15	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Zinc and Zinc/Aluminium Alloy Coated Steel	Hexavalent Chromium	ASTM D6492
16	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium & its Alloys	Anodic Coating	IS 5523
17	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Aluminium & its Alloys	Anodic Coating	IS 6012
18	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel products	Mass Of Phosphating Coating	IS 3618
19	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel products	Mass Of Zinc Coating	ASTM A90/A90M
20	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Iron & Steel products	Mass Of Zinc Coating	IS 6745
21	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal and metal oxide coatings on Ferrous and non ferrous products	Plating/Coating Identication	MET/TP-C/31 02 June 17
22	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings	Coating Thickness (Copper and Tin)	ASTM B568
23	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metals & Alloys (Zinc & Cadmium Surfaces)	Chromate Conversion Coating on Zinc and Cadmium Coated Articles	IS 8602 (clause 3)
24	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Antimony	MET/TP-C/032 02 July 25
25	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Bismuth	MET/TP-C/032 02 July 25
26	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Cadmium	MET/TP-C/032 02 July 25
27	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E 3061
28	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E1251 A
29	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Chromium	MET/TP-C/032 02 July 25

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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
30	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E 3061
31	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E1251 A
32	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Copper	MET/TP-C/032 02 July 25
33	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 1251: A
34	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 3061
35	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Iron	MET/TP-C/032
36	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E 3061
37	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E1251: A
38	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Lead	MET/TP-C/032 02 July 25
39	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E 3061
40	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Magnesium	MET/TP-C/032 02 July 25
41	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E 3061
42	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Manganese	MET/TP-C/032 02 July 25
43	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E 3061
44	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Nickel	MET/TP-C/032 02 July 25
45	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E3061
46	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	IS 504 Part 1
47	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Silicon	MET/TP-C/032 02 July 25
48	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E 3061

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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
49	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Tin	MET/TP-C/032 02 July 25
50	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E 3061
51	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Titanium	MET/TP-C/032 02 July 25
52	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Vanadium	MET/TP-C/032 02 July 25
53	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E 3061
54	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Zinc	MET/TP-C/032 02 July 25
55	CHEMICAL- METALS & ALLOYS	Aluminium & Its Alloys	Zirconium	MET/TP-C/032 02 July 25
56	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	ASTM E1251 A
57	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	ASTM E1251 A
58	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Nickel	ASTM E1251 A
59	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Silicon	ASTM E1251 A
60	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Tin	ASTM E1251 A
61	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Titanium	ASTM E1251 A
62	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Vanadium	ASTM E1251 A
63	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	ASTM E1251 A
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E 351
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308 (Part 5)
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 351
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)

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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
68	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Aluminium	ASTM E 1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Aluminium	IS 15338
70	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Aluminium	JIS G 1253
71	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Carbon	ASTM E 1999
72	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Carbon	IS 15338
73	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Carbon	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Chromium	ASTM E 1999
75	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Chromium	IS 15338
76	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Chromium	JIS G 1253
77	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Copper	ASTM E 1999
78	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Copper	IS 15338
79	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Copper	JIS G 1253
80	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Lead	ASTM E 1999
81	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Lead	IS 15338
82	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Lead	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Magnesium	JIS G 1253
84	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Manganese	ASTM E 1999
85	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Manganese	IS 15338
86	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Manganese	JIS G 1253

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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
87	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Molybdenum	ASTM E 1999
88	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Molybdenum	IS 15338
89	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Molybdenum	JIS G 1253
90	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Nickel	ASTM E 1999
91	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Nickel	IS 15338
92	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Nickel	JIS G 1253
93	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Phosphorus	ASTM E 1999
94	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Phosphorus	IS 15338
95	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Phosphorus	JIS G 1253
96	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Silicon	ASTM E 1999
97	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Silicon	IS 15338
98	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Silicon	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Sulphur	ASTM E 1999
100	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Sulphur	IS 15338
101	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Sulphur	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Tin	ASTM E 1999
103	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Tin	IS 15338
104	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Tin	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Titanium	JIS G 1253

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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
106	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Vanadium	ASTM E 1999
107	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Vanadium	IS 15338
108	CHEMICAL- METALS & ALLOYS	Cast Iron Alloys	Vanadium	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminium	BSEN 15079
110	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Aluminium	JIS H 1292
111	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Antimony	JIS H 1292
112	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony	MET/TP-C/042 Rev.05 15.09
113	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	JIS H1292
114	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	MET/TP-C/042 Rev.05 15.09
115	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	MET/TP-C/042 Rev.05 15.09
116	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Bismuth	JIS H 1292
117	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	MET/TP-C/042 Rev.05 15.09
118	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	JIS H 1292
119	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	MET/TP-C/042 Rev.05 15.09
120	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Chromium	BSEN 15079
121	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Chromium	JIS H 1292
122	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Chromium	MET/TP-C/042 Rev.05 15.09
123	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	JIS H 1292
124	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron	BSEN 15079

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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
125	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	JIS H 1292
126	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	MET/TP-C/042 Rev.05 15.09
127	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	BSEN 15079
128	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Lead	JIS H 1292
129	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead	MET/TP-C/042 Rev.05/15.09.2019
130	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese	BSEN 15079
131	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Manganese	JIS H 1292
132	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	MET/TP-C/042 Rev.05 15.09
133	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel	BSEN 15079
134	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Nickel	JIS H 1292
135	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	MET/TP-C/042 Rev.05 15.09
136	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorous	BSEN 15079
137	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorous	IS 4027 (Part 3)
138	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorous	MET/TP-C/042 Rev.05 15.09
139	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Phosphorus	JIS H 1292
140	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	BSEN 15079
141	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	IS 4027 (Part 10)
142	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silicon	JIS H 1292
143	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon	MET/TP-C/042 Rev.05 15.09

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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
144	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silver	ASTM E 478
145	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Silver	JIS H 1292
146	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	MET/TP-C/042 Rev.05 15.09
147	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Sulphur	BSEN 15079
148	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin	BSEN 15079
149	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Tin	JIS H 1292
150	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	MET/TP-C/042 Rev.05 15.09
151	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc	BSEN 15079
152	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Zinc	JIS H 1292
153	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	MET/TP-C/042 Rev.05 15.09
154	CHEMICAL- METALS & ALLOYS	Copper & Its Alloys	Zirconium	JIS H 1292
155	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Aluminium	MET/TP-C/042 Rev.05 15.09
156	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Zirconium	MET/TP-C/042 Rev.05 15.09
157	CHEMICAL- METALS & ALLOYS	Die Steel	Aluminum	JIS G 1253
158	CHEMICAL- METALS & ALLOYS	Die Steel	Carbon	JIS G 1253
159	CHEMICAL- METALS & ALLOYS	Die Steel	Chromium	JIS G 1253
160	CHEMICAL- METALS & ALLOYS	Die Steel	Cobalt	JIS G 1253
161	CHEMICAL- METALS & ALLOYS	Die Steel	Copper	JIS G 1253
162	CHEMICAL- METALS & ALLOYS	Die Steel	Manganese	JIS G 1253

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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
163	CHEMICAL- METALS & ALLOYS	Die Steel	Molybdenum	JIS G 1253
164	CHEMICAL- METALS & ALLOYS	Die Steel	Nickel	JIS G 1253
165	CHEMICAL- METALS & ALLOYS	Die Steel	Niobium	JIS G 1253
166	CHEMICAL- METALS & ALLOYS	Die Steel	Phosphorus	JIS G 1253
167	CHEMICAL- METALS & ALLOYS	Die Steel	Silicon	JIS G 1253
168	CHEMICAL- METALS & ALLOYS	Die Steel	Sulphur	JIS G 1253
169	CHEMICAL- METALS & ALLOYS	Die Steel	Tungsten	JIS G 1253
170	CHEMICAL- METALS & ALLOYS	Die Steel	Vanadium	JIS G 1253
171	CHEMICAL- METALS & ALLOYS	Ferro-alloys	Carbon	MET/TP-C/035 02 July 25
172	CHEMICAL- METALS & ALLOYS	Ferro-Alloys	Sulphur	MET/TP-C/035 02 July 25
173	CHEMICAL- METALS & ALLOYS	Ferro-Chromium	Chromium	JIS G 1351
174	CHEMICAL- METALS & ALLOYS	Ferro-Chromium	Silicon	JIS G 1351
175	CHEMICAL- METALS & ALLOYS	Ferro-Manganese	Manganese	JIS G 1351
176	CHEMICAL- METALS & ALLOYS	Ferro-Manganese	Phosphorous	JIS G 1351
177	CHEMICAL- METALS & ALLOYS	Ferro-Manganese	Silicon	JIS G 1351
178	CHEMICAL- METALS & ALLOYS	Ferro-Molybdenum	Molybdenum	MET/TP-C/037 02 July 25
179	CHEMICAL- METALS & ALLOYS	Ferro-Silicon	Aluminium	JIS G 1351
180	CHEMICAL- METALS & ALLOYS	Ferro-Silicon	Manganese	JIS G 1351
181	CHEMICAL- METALS & ALLOYS	Ferro-Silicon	Silicon	JIS G 1351

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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
182	CHEMICAL- METALS & ALLOYS	Ferrous and non ferrous products	Density	MET/TP-C/030 02 July 10
183	CHEMICAL- METALS & ALLOYS	Ferrous and non ferrous products	Tungsten	MET/TP-C/018 02 July 10
184	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Carbon	ASTM E2209
185	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Carbon	JIS G 1253
186	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Chromium	ASTM E2209
187	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Chromium	JIS G 1253
188	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Copper	ASTM E2209
189	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Copper	JIS G 1253
190	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Manganese	ASTM E2209
191	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Manganese	JIS G 1253
192	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Molybdenum	ASTM E2209
193	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Molybdenum	JIS G 1253
194	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Nickel	ASTM E2209
195	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Nickel	JIS G 1253
196	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Niobium	ASTM E2209
197	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Niobium	JIS G 1253
198	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Phosphorus	ASTM E2209
199	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Phosphorus	JIS G 1253
200	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Silicon	ASTM E2209

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201	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Silicon	JIS G 1253
202	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Sulphur	ASTM E2209
203	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Sulphur	JIS G 1253
204	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Tungsten	ASTM E2209
205	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Tungsten	JIS G 1253
206	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Vanadium	ASTM E2209
207	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Vanadium	JIS G 1253
208	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Aluminium	JIS G 1258: Amd 2017
209	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Chromium	JIS G 1258: Amd 2017
210	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Cobalt	JIS G 1258: Amd 2017
211	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Copper	JIS G 1258: Amd 2017
212	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Manganese	JIS G 1258: Amd 2017
213	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Molybdenum	JIS G 1258: Amd 2017
214	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Nickel	JIS G 1258: Amd 2017
215	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Phosphorous	JIS G 1258: Amd 2017
216	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Silicon	JIS G 1258: Amd 2017
217	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Titanium	JIS G 1258: Amd 2017
218	CHEMICAL- METALS & ALLOYS	Iron, Steel & Ferrous Alloys	Vanadium	JIS G 1258: Amd 2017
219	CHEMICAL- METALS & ALLOYS	Iron, Steel and Ferrous Alloys	Boron	JIS G 1258 amd 2017

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220	CHEMICAL- METALS & ALLOYS	Iron, Steel and ferrous alloys	Lead	JIS G 1258 Amd 2017
221	CHEMICAL- METALS & ALLOYS	Iron, Steel and Ferrous alloys	Magnesium	JIS G 1258 Amd 2017
222	CHEMICAL- METALS & ALLOYS	Iron, Steel and Ferrous Alloys	Tin	JIS G 1258 Amd 2017
223	CHEMICAL- METALS & ALLOYS	Lead & its alloys	Zinc	MET/TP-C/044 Rev 6 Aug
224	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Arsenic	MET/TP-C/44 Rev 06 Aug
225	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Cadmium	MET/TP-C/44 Rev 06 Aug
226	CHEMICAL- METALS & ALLOYS	Lead & lead alloys	Silver	MET/TP-C/044 Rev 06, 10.08
227	CHEMICAL- METALS & ALLOYS	Lead and lead alloy	Nickel	MET/TP-C/44 Rev 06 Aug
228	CHEMICAL- METALS & ALLOYS	Lead and lead alloys	Antimony	MET/TP-C/044 Rev 06 Aug
229	CHEMICAL- METALS & ALLOYS	Lead and lead alloys	Bismuth	MET/TP-C/44 Rev 06 Aug
230	CHEMICAL- METALS & ALLOYS	Lead and lead alloys	Copper	MET/TP-C/44 Rev 06 Aug
231	CHEMICAL- METALS & ALLOYS	Lead and lead alloys	Iron	MET/TP-C/44 Rev 06 Aug
232	CHEMICAL- METALS & ALLOYS	Lead and lead alloys	Tin	MET/TP-C/44 Rev 06 Aug
233	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminum	ASTM E415
234	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminum	IS 8811
235	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminum	JIS G 1253
236	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	ASTM E415
237	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	IS 8811
238	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	JIS G 1253

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239	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E415
240	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
241	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	JIS G 1253
242	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E415
243	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811
244	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	JIS G 1253
245	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	ASTM E415
246	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	IS 8811
247	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	JIS G 1253
248	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E415
249	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
250	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	JIS G 1253
251	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	ASTM E415
252	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	IS 8811
253	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	JIS G 1253
254	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E415
255	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
256	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	JIS G 1253
257	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E415

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258	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
259	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	JIS G 1253
260	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E415
261	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
262	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	JIS G 1253
263	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	ASTM E415
264	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	IS 8811
265	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	JIS G 1253
266	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	ASTM E 350
267	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	ASTM E415
268	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 8811
269	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	JIS G 1253
270	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E 350
271	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E415
272	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
273	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	JIS G 1253
274	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E415
275	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
276	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	JIS G 1253

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277	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	ASTM E415
278	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	IS 8811
279	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	JIS G 1253
280	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	ASTM E415
281	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	IS 8811
282	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	JIS G 1253
283	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	ASTM E415
284	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	IS 8811
285	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	JIS G 1253
286	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E415
287	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
288	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	JIS G 1253
289	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Aluminium	JIS G 1256
290	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Chromium	JIS G 1256
291	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Cobalt	JIS G 1256
292	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Copper	JIS G 1256
293	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Lead	JIS G 1256
294	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Magnesium	JIS G 1256
295	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Manganese	JIS G 1256

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296	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Molybdenum	JIS G 1256
297	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Nickel	JIS G 1256
298	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Niobium	JIS G 1256
299	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Phosphorous	JIS G 1256
300	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Silicon	JIS G 1256
301	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Tin	JIS G 1256
302	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Titanium	JIS G 1256
303	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Tungsten	JIS G 1256
304	CHEMICAL- METALS & ALLOYS	Low Alloy Steel, Tool Steel Alloy and Cast iron Alloys.	Vanadium	JIS G 1256
305	CHEMICAL- METALS & ALLOYS	Nickel & its alloy	Cobalt	ASTM E2594
306	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Aluminium	ASTM E 2594
307	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Aluminium	ASTM E 3047
308	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Aluminium	JIS H 1287
309	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Boron	ASTM E 2594
310	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Carbon	ASTM E 3047
311	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Chromium	ASTM E 2594
312	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Chromium	ASTM E 3047
313	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Chromium	JIS H 1287
314	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Cobalt	ASTM E 3047

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315	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Cobalt	JIS H 1287
316	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Copper	ASTM E 2594
317	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Copper	ASTM E 3047
318	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Copper	JIS H 1287
319	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Iron	ASTM E 2594
320	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Iron	ASTM E 3047
321	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Iron	JIS H 1287
322	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Magnesium	ASTM E 2594
323	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Manganese	ASTM E 2594
324	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Manganese	ASTM E 3047
325	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Manganese	JIS H 1287
326	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Molybdenum	ASTM E 2594
327	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Molybdenum	ASTM E 3047
328	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Molybdenum	JIS H 1287
329	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Nickel	JIS H 1287
330	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Niobium	ASTM E 2594
331	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Niobium	ASTM E 3047
332	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Niobium	JIS H 1287
333	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Phosphorous	ASTM E 2594

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334	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Phosphorus	ASTM E 3047
335	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Phosphorus	JIS H1287
336	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Silicon	ASTM E 3047
337	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E2594
338	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Silicon	JIS H 1287
339	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Sulphur	ASTM E 3047
340	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Tantalum	JIS H 1287
341	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Titanium	ASTM E 3047
342	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E2594
343	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Titanium	JIS H 1287
344	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Tungsten	ASTM E 3047
345	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Tungsten	JIS H 1287
346	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Vanadium	ASTM E 3047
347	CHEMICAL- METALS & ALLOYS	Nickel & Its Alloys	Vanadium	JIS H 1287
348	CHEMICAL- METALS & ALLOYS	Nickel and its alloys	Vanadium	ASTM E2594
349	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 353
350	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy & High Manganese Steel	Manganese	JIS G 1256
351	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Aluminium	JIS G 1253
352	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Carbon	ASTM E1086

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353	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Carbon	IS 9879
354	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Carbon	JIS G 1253
355	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Chromium	ASTM E1086
356	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Chromium	IS 9879
357	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Chromium	JIS G 1253
358	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Cobalt	JIS G 1253
359	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Copper	ASTM E 1086
360	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Copper	IS 9879
361	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Copper	JIS G 1253
362	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Manganese	ASTM E1086
363	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Manganese	IS 9879
364	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Manganese	JIS G 1253
365	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Molybdenum	ASTM E 1086
366	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Molybdenum	IS 9879
367	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Molybdenum	JIS G 1253
368	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Nickel	ASTM E 1086
369	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Nickel	IS 9879
370	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Nickel	JIS G 1253
371	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Niobium	JIS G 1253

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372	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Phosphorus	ASTM E 1086
373	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Phosphorus	IS 9879
374	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Phosphorus	JIS G 1253
375	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Silicon	ASTM E 1086
376	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Silicon	IS 9879
377	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Silicon	JIS G 1253
378	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Sulphur	ASTM E 1086
379	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Sulphur	IS 9879
380	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Sulphur	JIS G 1253
381	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Titanium	JIS G 1253
382	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Tungsten	JIS G 1253
383	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloy	Vanadium	JIS G 1253
384	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Aluminium	JIS G 1256
385	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Chromium	JIS G 1256
386	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Cobalt	JIS G 1256
387	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Copper	JIS G 1256
388	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Molybdenum	JIS G 1256
389	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Nickel	JIS G 1256
390	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Niobium	JIS G 1256

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391	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Phosphorous	JIS G 1256
392	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Silicon	JIS G 1256
393	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Titanium	JIS G 1256
394	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Tungsten	JIS G 1256
395	CHEMICAL- METALS & ALLOYS	Stainless Steel Alloys and High Manganese Steel	Vanadium	JIS G 1256
396	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Phosphorus	IS 228 (Part 3)
397	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Silicon	IS 228 (Part 8)
398	CHEMICAL- METALS & ALLOYS	Steel & Stainless Steel	Silicon	IS 228 (Part 8)
399	CHEMICAL- METALS & ALLOYS	Steel and Iron products	Carbon	IS 228 (Part 20)
400	CHEMICAL- METALS & ALLOYS	Steel and Iron products	Nitrogen	IS 228 (Part 19)
401	CHEMICAL- METALS & ALLOYS	Steel and Iron products	Sulphur	IS 228 (Part 20)
402	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel and Cobalt Alloys	Carbon	ASTM E 1019
403	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel and Cobalt Alloys	Sulphur	ASTM E1019
404	CHEMICAL- METALS & ALLOYS	Tin and tln alloy	Zinc	ASTM F3139
405	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Antimony	ASTM F3139
406	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Bismuth	ASTM F3139
407	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Cadmium	ASTM F3139
408	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Copper	ASTM F3139
409	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Lead	ASTM F3139

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410	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Nickel	ASTM F3139
411	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Silver	ASTM F3139
412	CHEMICAL- METALS & ALLOYS	Titanium & its Alloys	Aluminum	ASTM E 2994
413	CHEMICAL- METALS & ALLOYS	Titanium & its Alloys	Carbon	ASTM E 2994
414	CHEMICAL- METALS & ALLOYS	Titanium & its Alloys	Iron	ASTM E 2994
415	CHEMICAL- METALS & ALLOYS	Titanium & its Alloys	Molybdenum	ASTM E 2994
416	CHEMICAL- METALS & ALLOYS	Titanium and its Alloys	Tin	ASTM E 2994
417	CHEMICAL- METALS & ALLOYS	Titanium and its Alloys	Vanadium	ASTM E 2994
418	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Aluminium	ASTM E2371
419	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Carbon	MET/TP-C/045
420	CHEMICAL- METALS & ALLOYS	Titanium and titanium alloys	Chromium	ASTM E2371
421	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Copper	ASTM E2371
422	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Iron	ASTM E2371
423	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Manganese	ASTM E2371
424	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Molybdenum	ASTM E2371
425	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Nitrogen	MET/TP-C/46
426	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Silicon	ASTM E2371
427	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Tin	ASTM E2371
428	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Vanadium	ASTM E2371

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429	CHEMICAL- METALS & ALLOYS	Titanium and Titanium alloys	Zirconium	ASTM E2371
430	CHEMICAL- METALS & ALLOYS	Zinc & its Alloy	Copper	ISO 3815 pt 2
431	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Aluminium	ASTM E1277
432	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Aluminium	MET/TP-C/033 02 July 25
433	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Cadmium	ASTM E1277
434	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Cadmium	MET/TP-C/033 02 July 25
435	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Copper	ASTM E1277
436	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Copper	MET/TP-C/033 02 July 25
437	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Iron	ASTM E1277
438	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Iron	ISO 3815 pt 2
439	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Iron	MET/TP-C/033 02 July 25
440	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Lead	ASTM E1277
441	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Lead	ISO 3815 pt 2
442	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Lead	MET/TP-C/033 02 July 25
443	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Magnesium	ASTM E1277
444	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Magnesium	ISO 3815 pt 2
445	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Magnesium	MET/TP-C/033 02 July 25
446	CHEMICAL- METALS & ALLOYS	Zinc & Its Alloys	Tin	ASTM E1277
447	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Tin	ISO 3815 pt 2

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448	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Tin	MET/TP-C/033 02 July 25
449	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815 pt 2
450	CHEMICAL- METALS & ALLOYS	Zinc and Zinc alloys	Cadmium	ISO 3815 pt 2
451	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Ash Content	ASTM D 5630
452	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Ash Content	IS 13360 pt 8 sec 8 (Method A)
453	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Density of Plastic by Displacement	ASTM D 792
454	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Polymer Identification (Plastic)	ASTM E 1252
455	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Polymer Identification (Plastic)	MET/TP-PR/018 01 May 03
456	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Specific Gravity of Plastic by Displacement	ASTM D 792
457	CHEMICAL- PLASTIC & RESINS	Plastic in form of Sheets, Rods, Tubes, Molded items	Water Absorption of plastic	ASTM D 570 Method A
458	CHEMICAL- PLASTIC & RESINS	Semi-crystalline polymers and their compounds	Melting Behaviour (Melting temperature or Melting range)	ISO 3146
459	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubber products	Density of rubber	ASTM D297 section 16
460	CHEMICAL- RUBBER & RUBBER PRODUCTS	Rubbers including thermoplastic elastomer (vulcanised or unvulcanised mixes)	Identification-Infrared method	ISO 4650
461	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Density of Rubber By Displacement	IS 3400 (Part 9) Method A
462	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Determination of Ash Content	ASTM D 297:
463	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Determination of Ash Content	IS 3400 (Part 22)
464	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer Identification (Rubber)	ASTM D 297:
465	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer identification (Rubber)	ASTM D 3677
466	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Polymer Identification (Rubber)	IS 3400 (Part 22)

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467	CHEMICAL- RUBBER & RUBBER PRODUCTS	Vulcanized Rubber	Resistance of Liquids	IS 3400 (Part 6)
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Automotive tubes	Crushing Test	IS 3074: 2013 amd:
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Brass Strip	Reverse / Alternate Bend Test	JSS 9535-2
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Brass Tubes	Double Bend Test	IS 407
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non ferrous Material	Tensile Strength	IS 3600 pt 3
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Bend Test	ASTM E190
473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Bend Test	ASTM E290
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Bend Test	IS 1599
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Bend Test	IS 3600 (Part 5)
476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Bend Test	ISO 5173
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(5.0/750)	ISO 6506-1
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (HBW (2.5 mm ball/31.25 kg)	IS 1500 (Part 1)
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test (HBW (2.5 mm ball/62.5 kg)	IS 1500 (Part 1)
480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/1000)	ASTM E10

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481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/1000)	IS 1500 pt 1
482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/1000)	ISO 6506-1
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/3000)	ASTM E10
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/3000)	IS 1500 (Part 1)
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/3000)	ISO 6506-1
486	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/500)	ASTM E10
487	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/500)	IS 1500 (Part 1)
488	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(10/500)	ISO 6506-1
489	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(2.5/187.5)	ASTM E10
490	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(2.5/187.5)	IS 1500 (Part 1)
491	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(2.5/187.5)	ISO 6506-1
492	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness test HBW(5.0/750)	ASTM E10
493	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Brinell Hardness Test HBW(5.0/750)	IS 1500 (Part 1)
494	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Drift Expanding Test	IS 2335

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495	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Elongation	IS 3600 pt 4:
496	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non ferrous Metals	Erichsen Cupping Test	IS 10175
497	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.2	ASTM E384
498	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.01	ASTM E384
499	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness test HV0.01	ISO 6507-1
500	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.025	ASTM E384
501	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.025	ISO 6507-1
502	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.05	ASTM E384
503	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.05	ISO 6507-1
504	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.1	ASTM E384
505	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.1	ISO 6507-1
506	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.1	ISO 9015-2
507	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.2	ISO 6507-1
508	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.3	ASTM E384

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509	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.3	ISO 6507-1
510	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.3	ISO 9015-2
511	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.5	ASTM E384
512	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.5	ISO 6507-1
513	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV0.5	ISO 9015-2
514	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV1	ASTM E384
515	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV1	ISO 6507-1
516	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Micro Hardness Test HV1	ISO 9015-2
517	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Tensile Strength	IS 3600 pt 4:
518	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Vickers Hardness Test HV10	BS EN ISO 9015-1
519	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Vickers Hardness test HV5	BS EN ISO 9015-1
520	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals	Yield Strength	IS 3600 pt 4:
521	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals-Tube Products	Flattening Test	IS 2328:
522	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Elongation	ASTM E8/E8M

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523	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Elongation	IS 1608 Part 1
524	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Elongation	ISO 6892 Part 1
525	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.01	IS 1501 Part 1
526	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.025	IS 1501 Part 1
527	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.05	IS 1501 Part 1
528	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.1	IS 1501 Part 1
529	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.2	IS 1501 Part 1
530	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.3	IS 1501 Part 1
531	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV0.5	IS 1501 Part 1
532	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Micro Hardness Test HV1	IS 1501 Part 1
533	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Proof Strength (0.1%, 0.2%, 0.5%, 1.0% offset)	ASTM E8/E8M
534	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Proof Strength (0.1%, 0.2%, 0.5%, 1.0% offset)	IS 1608 Part 1
535	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Proof Strength (0.1%, 0.2%, 0.5%, 1.0% offset)	ISO 6892 Part 1
536	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Reduction	ASTM E8/E8M

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537	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Reduction	IS 1608 Part 1
538	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Reduction	ISO 6892 Part 1
539	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30N	IS 1586 Part 1
540	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45TW	ISO 6508 Part 1
541	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRBW	IS 1586 Part 1
542	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15N	ASTM E18
543	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15N	IS 1586 Part 1
544	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15N	ISO 6508 Part 1
545	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15TW	ASTM E18
546	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15TW	IS 1586 Part 1
547	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR15TW	ISO 6508 Part 1
548	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30N	ASTM E18
549	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30N	ISO 6508 Part 1
550	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30TW	ASTM E18

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551	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30TW	IS 1586 Part 1
552	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR30TW	ISO 6508 Part 1
553	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45N	ASTM E18
554	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45N	IS 1586 Part 1
555	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45N	ISO 6508 Part 1
556	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45TW	ASTM E18
557	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HR45TW	IS 1586 Part 1
558	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRA	ASTM E18
559	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRA	IS 1586 Part 1
560	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRA	ISO 6508 Part 1
561	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRBW	ASTM E18
562	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRBW	ISO 6508 Part 1
563	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRC	ASTM E18
564	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRC	IS 1586 Part 1

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565	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Rockwell Hardness Test HRC	ISO 6508 Part 1
566	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Tensile Strength	ASME Section IX
567	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Tensile Strength	ASTM E8/E8M
568	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Tensile Strength	IS 1608 Part 1
569	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Tensile Strength	ISO 6892 Part 1
570	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV10	ASTM E92
571	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV10	IS 1501 Part 1
572	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV10	ISO 6507 Part 1
573	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV20	ASTM E92
574	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV20	IS 1501 Part 1
575	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV20	ISO 6507 Part 1
576	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV30	ASTM E92
577	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV30	IS 1501 Part 1
578	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV30	ISO 6507 Part 1

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579	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV5	ASTM E92
580	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV5	IS 1501 Part 1
581	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Vickers Hardness Test HV5	ISO 6507 Part 1
582	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Yield Strength	ASTM E8/E8M
583	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Yield Strength	IS 1608 Part 1
584	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Yield Strength	ISO 6892 Part 1
585	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous metals	Young's Modulus	ASTM E111
586	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous metals	Yield Strength (0.5% Extension Under Load)	ASTM E8/8M
587	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non ferrous metals	Yield Strength (0.5% Extension Under Load)	IS 1608 pt 1
588	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous metals	Yield Strength (0.5% Extension Under Load)	ISO 6892 part 1
589	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-Ferrous metals	Vickers Hardness Test HV3	ASTM A370
590	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-Ferrous metals	Vickers Hardness Test HV3	ASTM E 92
591	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-Ferrous metals	Vickers Hardness Test HV3	IS 1501 part :1
592	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-Ferrous metals	Vickers Hardness Test HV3	ISO 6507 Part:1

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593	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helical Coil Springs	Spring Rate	IS 7906 (Part 7)
594	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Mass (per metre)	IS 1786 2008 Ammd
595	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Rebend Test	IS 1786 2008 amd
596	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bars	Weight per metric	IS 1786:2008 amd
597	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (U notch) (Room temp & sub zero) [Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	ASTM E23
598	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (U notch) (Room temp & sub zero) [Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	IS 1757 (Part 1)
599	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (U notch) (Room temp & sub zero) [Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	ISO 148-1
600	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (V notch) (Room temp & sub zero)[Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	ASTM E23
601	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (V notch) (Room temp & sub zero)[Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	IS 1757 (Part 1)
602	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact Test (V notch) (Room temp & sub zero)[Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	ISO 148-1
603	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact test; Lateral Expansion Measurement	ASTM E 23
604	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Charpy Impact test; Lateral Expansion Measurement	ISO 148-1

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605	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Izod Impact Test	IS 1598
606	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Material	Spring Rate(tension and compression)	MET/TP-M/011 03 May
607	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel	Impact Charpy Test For Classification Of Etch Structure Of Duplex Stainless Steel	ASTM A923 Method B
608	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel & Stainless Steel	Macro Examination	IS 3600 (Part 9)
609	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel and stainless steel products	Lateral Expansion (Charpy Impact Test)	ASTM A370
610	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Bend Test	ASTM A370
611	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test HBW (2.5/187.5)	ASTM A370
612	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness test HBW(10/1000)	ASTM A370
613	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test HBW(10/3000)	ASTM A370
614	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test HBW(10/500)	ASTM A370
615	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness Test HBW(5.0/750)	ASTM A370
616	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Charpy Impact Test (V notch)(Room temp & sub zero)[Sub-Zero Temperature: (-)110°C to 35°C & (-)196°C]	ASTM A370
617	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Crushing Test	ASTM A370

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618	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Elongation	ASTM A370
619	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flaring Test	ASTM A370
620	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flattening Test	ASTM A370
621	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.01	ASTM A370
622	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.025	ASTM A370
623	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV 0.05	ASTM A370
624	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.1	ASTM A370
625	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.2	ASTM A370
626	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.3	ASTM A370
627	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV0.5	ASTM A370
628	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Micro Hardness Test HV1	ASTM A370
629	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Proof Strength (0.1%, 0.2%, 0.5%, 1.0% offset)	ASTM A370
630	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Reduction	ASTM A370
631	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR15N	ASTM A370

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632	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR15TW	ASTM A370
633	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR30N	ASTM A370
634	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR30TW	ASTM A370
635	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR45N	ASTM A370
636	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HR45TW	ASTM A370
637	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HRA	ASTM A370
638	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HRBW	ASTM A 370
639	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness Test HRC	ASTM A370
640	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Strength	ASTM A370
641	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Vickers Hardness Test HV10	ASTM A370
642	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Vickers Hardness Test HV20	ASTM A370
643	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Vickers Hardness Test HV30	ASTM A370
644	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Vickers Hardness Test HV5	ASTM A370
645	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Strength	ASTM A370

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646	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Strength (0.5% Extension Under Load)	ASTM A370
647	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Steel Fasteners	Proof Load Test	IS 1367 (Part 3)
648	MECHANICAL-METALLOGRAPHY TEST	Aluminium & Aluminium Alloy Products	Macro Examination	IS 12573 :
649	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Cast Irons - Evaluating Nodularity in Spheroidal Graphite Cast Irons (Nodularity and Nodule count)	ISO 945 Part 4
650	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Cast Irons - Graphite Classification by Image Analysis	ISO/TR 945 Part 2
651	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Cast Irons - Graphite Classification by Visual Analysis	IS 7754
652	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Cast Irons - Graphite Classification by Visual Analysis	ISO 945 Part 1
653	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Cast Irons - Matrix Structures	ISO/TR 945 Part 3
654	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of graphite in Cast Iron	ASTM A247
655	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Nodularity using Image Analysis	ASTM E2567a
656	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Nodule count using Image Analysis	ASTM E2567a
657	MECHANICAL-METALLOGRAPHY TEST	Copper & Copper Alloys	Mercurous Nitrate test	ASTM B154
658	MECHANICAL-METALLOGRAPHY TEST	Copper & Copper Alloys	Mercurous Nitrate Test	IS 2305 :
659	MECHANICAL-METALLOGRAPHY TEST	copper and copper alloys	Average Grain Size	ISO 2624(Intercept Procedure)
660	MECHANICAL-METALLOGRAPHY TEST	Copper material	Average Grain Size	ASTM E112
661	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non ferrous	Average Grain Size by comparison Method	ASTM E112

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662	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous	Determining Average Grains size using Image Analysis	ASTM E1382:
663	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous	Thickness of Electroplated Coating	IS 3203 :
664	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous	Welding, Brazing & Fusion examination	ASME Sec IX
665	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals	Macro Examination	ASTM E340
666	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals	Microstructural Analysis	ASM Handbook Vol 9
667	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals	Welding-Fusion Welded Joint; Macro & Dimensional Measurement of Weld Joint	ISO 5817
668	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material	Average Grain Size by comparison	IS 4748
669	MECHANICAL-METALLOGRAPHY TEST	Ferrous material	Average Grain Size by comparison	ISO 643
670	MECHANICAL-METALLOGRAPHY TEST	Nickel rich Chromium Bearing Steel	Susceptibility to Intergranular Corrosion	ASTM G28:(Method A)
671	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Classification For Etch Structure Of Duplex Stainless Steel	ASTM A923 Method A
672	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Ferric Chloride Corrosion Test For Classification For Etch Structure Of Duplex Stainless Steel	ASTM A923 Method C
673	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Susceptibility to Intergranular Attack	ASTM A262 IGC Prac A
674	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Susceptibility to Intergranular Attack	ASTM A262 prac B
675	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Susceptibility to Intergranular Attack	ASTM A262 prac C
676	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel	Susceptibility to Intergranular Attack	ASTM A262 Prac E
677	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & related alloys	Pitting & Crevice Corrosion Resistance	ASTM G48 (Method A,B)
678	MECHANICAL-METALLOGRAPHY TEST	Steel	Case Depth	IS 6416: (Hardness measurement & microscopic method)

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679	MECHANICAL-METALLOGRAPHY TEST	Steel	Case Depth	ISO 18203(Hardness measurement and Microscopic method)
680	MECHANICAL-METALLOGRAPHY TEST	Steel	Depth of Decarburisation	ASTM E1077
681	MECHANICAL-METALLOGRAPHY TEST	Steel	Depth of Decarburisation	IS 6396:
682	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Examination	IS 11371:
683	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Examination	IS 13015 : (withdrawn)
684	MECHANICAL-METALLOGRAPHY TEST	Steel	Non Metallic Inclusion Content	ASTM E45 Method A
685	MECHANICAL-METALLOGRAPHY TEST	Steel	Non Metallic Inclusion Content	IS 4163:
686	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Macro Examination	IS 7310 pt 1
687	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Macro Examination	IS 7318 pt 1:
688	MECHANICAL-METALLOGRAPHY TEST	Steel Bars, blooms & Billets	Macro Examination	ASTM E381
689	MECHANICAL-METALLOGRAPHY TEST	Steel, Alloy Steel, Duplex steel & Stainless Steel	Ferrite Content	ASTM E562
690	MECHANICAL-METALLOGRAPHY TEST	Steel, Alloy Steel, Duplex steel & Stainless Steel	Inclusion or second phase constituent by Image Analysis	ASTM E1245:
691	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Elongation	ASTM D638
692	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Elongation	IS 13360 Part 5 Section 1
693	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Elongation	ISO 527-4
694	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Modulus of Elasticity	ASTM D790
695	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Modulus of Elasticity	IS 13360 Part 5 Section 7
696	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Modulus of Elasticity	ISO 178

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697	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Strength	ASTM D790
698	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Strength	IS 13360 Part 5 Section 7
699	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Flexural Strength	ISO 178
700	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Hardness in SHORE D	ASTM D2240
701	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Hardness in SHORE D	IS 13360 Part 5 Section 11
702	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Modulus of Elasticity	ASTM D638
703	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Modulus of Elasticity	IS 13360 Part 5 Section 1
704	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Modulus of Elasticity	ISO 527-4
705	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Rockwell Hardness	IS 13360 Part 5 Section 13
706	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Tensile Strength @ break	ASTM D638
707	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Tensile Strength @ break	IS 13360 Part 5 Section 1
708	MECHANICAL- PLASTICS AND PLASTIC PRODUCTS	Plastic & Plastic Composites	Tensile Strength @ break	ISO 527-4
709	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Accelerated Ageing in Air (Tensile Strength @ Break, Elongation, Hardness in Shore A)	IS 3400 Part 4
710	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Accelerated Ageing in Air (Tensile Strength @ Break, Elongation, Hardness in Shore A)	ASTM D573
711	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Compression Set at Constant Strain	ASTM D395
712	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Compression Set at Constant Strain	IS 3400 Part 10 section 1
713	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Elongation	ASTM D412

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714	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Elongation	IS 3400 Part 1
715	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Hardness in SHORE A	ASTM D2240
716	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tensile Strength @ break	ASTM D412
717	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized Rubbers	Tensile Strength @ break	IS 3400 Part 1