



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

BMT LABORATORIES LLP, UNIT NO. 10 & 20, EXTENSION 1, BLDG. 1,
RAJPRABHA UDYOG NAGAR, GOLANI NAKA, WALIV, VASAI EAST, VASAI,
MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-6546

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Validity 15/11/2024 to 14/11/2028

Last Amended on 06/12/2024

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- CORROSION TESTS	Galvanized Products / Panels / Raw Materials	Salt Spray Test	ASTM B 117
2	CHEMICAL- CORROSION TESTS	Galvanized Products / Panels / Raw Materials	Salt Spray Test	ISO 9227
3	CHEMICAL- CORROSION TESTS	Painted & Plated Products/Panels	Salt Spray Test	ASTM B117
4	CHEMICAL- CORROSION TESTS	Painted & Plated Products/Panels	Salt Spray Test	ISO 9227
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot - Dip Galvanizing of Iron and Steel	Adhesion Test (Knife Test)	IS 2629
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot - Dip Galvanizing of Iron and Steel	Uniformity Test (Preece Test)	IS 2633
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot Dip Aluminium - Zinc Alloy Metallic Coated Steel	Mass of Coating (By Stripping method)	IS 15961
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	HOTDIP ALUMINIUM — ZINC ALLOY METALLIC COATED STEEL STRIP AND SHEET	COATING ADHESION TEST	IS 15961
9	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	metallic coatings on various substances	Adhesion Test (Bend Test)	ASTM B571
10	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Phosphate Treatment of Iron and Steel	Mass Of Coating (Stripping Method)	IS 3618
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated iron & Steel Products	Mass of Zinc Coating	ASTM A90/A90M
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel Products	Mass Of Zinc Coating	IS 6745
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Sheel and Wire	Adhesion Test (Bend Test)	IS 2629
14	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
15	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
16	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086



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17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
18	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
20	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zirconium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Chromium	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Copper	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Gallium	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Iron	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Lead	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Magnesium	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Manganese	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Nickel	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Tin	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Titanium	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Vanadium	ASTM E1251
33	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Zinc	ASTM E1251
34	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	IS 8811
36	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	JIS G1253

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



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37	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	ASTM E415
38	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	IS 8811
39	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	JIS G1253
40	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	IS 8811
42	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	JIS G1253
43	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E415
44	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 8811
45	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	JIS G1253
46	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	ASTM E415
47	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	IS 8811
48	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	JIS G1253
49	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Lead	JIS G1253
50	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E415
51	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 8811
52	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	JIS G1253
53	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E415
54	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 8811
55	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	JIS G1253
56	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	ASTM E415



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57	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 8811
58	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	JIS G1253
59	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	ASTM E415
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	IS 8811
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	JIS G1253
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	IS 228 Part 23
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	JIS G1253
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	IS 8811
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	JIS G1253
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	JIS G1253
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulfur	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	IS 8811
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	JIS G1253
74	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	ASTM E415
75	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	IS 8811
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	JIS G1253



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77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	ASTM E415
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	IS 8811
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	JIS G1253
80	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	ASTM E415
81	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	IS 8811
82	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	JIS G1253
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Boron	JIS G1253
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
86	CHEMICAL- METALS & ALLOYS	Cast iron	Carbon	JIS G 1253
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G1253
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G1253
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Managanese	IS 15338
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G1253
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G1253
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Niobium	JIS G1253
95	CHEMICAL- METALS & ALLOYS	Cast Iron	phosphorus	IS 15338
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosporous	JIS G1253



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97	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G1253
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G1253
102	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G1253
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G1253
105	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Magnesium	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Aluminium	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Antimony	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Arsenic	BS EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Bismuth	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Iron	BS EN 15079
111	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Lead	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Manganese	BS EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Nickel	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Phosphorous	BS EN 15079
115	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Silicon	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Sulphur	BS EN 15079



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117	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Tin	BS EN 15079
118	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Zinc	BS EN 15079
119	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Manganese	ASTM E2209
120	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Molybdenum	ASTM E2209
121	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Nickel	ASTM E2209
122	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Phosphorous	ASTM E2209
123	CHEMICAL- METALS & ALLOYS	High Manganese Steel	Silicon	ASTM E2209
124	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Aluminium	ASTM E3047
125	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Boron	ASTM E3047
126	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Carbon	ASTM E3047
127	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Chromium	ASTM E3047
128	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Cobalt	ASTM E3047
129	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Copper	ASTM E3047
130	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Iron	ASTM E3047
131	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Magnesium	ASTM E3047
132	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Manganese	ASTM E3047
133	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Molybdenum	ASTM E3047
134	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Niobium	ASTM E3047
135	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Phosphorous	ASTM E3047
136	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Silicon	ASTM E3047



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137	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Sulphur	ASTM E3047
138	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Titanium	ASTM E3047
139	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Tungstun	ASTM E3047
140	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Vanadium	ASTM E3047
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G1253
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	IS 9879
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G1253
145	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
146	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
147	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G1253
151	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G1253
152	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
153	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
154	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
155	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086



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157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 Part 23
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G1253
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G1253
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G1253
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879
175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G1253
176	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879



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177	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
178	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	JIS G1253
179	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
180	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
181	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253
182	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
183	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253
184	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253
185	CHEMICAL- METALS & ALLOYS	Tool Steel	phosphorus	JIS G1253
186	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
187	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
188	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
189	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	55% Aluminum-Zinc Alloy-Coated Steel Sheet by the Hot-Dip Process	Coating Bend Test	ASTM A792/A792M
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Coated Sheet by the hot Dip Galvanising Process	Coating Bend Test	ASTM A463/A463M
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	% Elongation	ASTM B557/B557M
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	% Reduction In Area	ASTM B557/B557M
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	0.2 % Proof Stress	ASTM B557/B557M



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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
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Ultimate Tensile Stress	ASTM B557/B557M
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Yield Stress	ASTM B557/B557M
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Duplex Austenitic/Ferritic Stainless Steels	TEST METHOD B - CHARPY IMPACT TEST -40°C	ASTM A923
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	BS EN ISO 6892-1
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	IS 1608 Part 1
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ISO 6892-1
202	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	ISO 6892-1
203	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	ASTM E8/E8M
204	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction In Area	BS EN ISO 6892-1
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	IS 1608 Part 1
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ASTM E8/E8M
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	BS EN ISO 6892-1
208	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	IS 1608 Part 1



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209	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ISO 6892-1
210	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ASTM E290
211	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IS 1599
212	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ISO 7438
213	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
214	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
215	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
216	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flaring/Drift Expansion Test	ASTM A450/A450M
217	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ASTM E92
218	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	IS 1501 Part 1
219	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ISO 6507-1
220	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ASTM E18
221	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
222	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1



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223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ASTM E18
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ASTM E8/E8M
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	BS EN ISO 6892-1
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	IS 1608 Part 1
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ISO 6892-1
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV 30 Scale)	ASTM E92
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ASTM E92
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV30 Scale)	IS 1501 Part 1
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV30 Scale)	ISO 6507-1
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ASTM E92



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237	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
238	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ISO 6507-1
239	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
240	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	BS EN ISO 6892-1
241	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 Part 1
242	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ISO 6892-1
243	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Axial Tensile Testing of full size Bolt	IS 1367 Part 3
244	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Axial Tensile Testing of Full Size Bolt	ISO 898-1
245	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	ASTM F606/F606M
246	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	IS 1367 Part 3
247	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	ISO 898-1
248	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test On Nut	ASTM A962/A962M
249	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test on Nut	IS 1367 Part 6
250	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test On Nut	ISO 898-2



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251	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fasteners-Nut	Proof Load Test On Nut	ASTM F606/F606M
252	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (20°C, 25°C up to -101°C & -196°C)	ASTM A370
253	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (20°C, 25°C up to -101°C & -196°C)	ASTM E23
254	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (20°C, 25°C up to -101°C & -196°C)	BS EN ISO 148-1
255	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test (20°C, 25°C up to -101°C & -196°C)	IS 1757 Part 1
256	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	ISO 6507-1
257	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
258	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	BS EN ISO 6892-1
259	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	IS 1608 Part 1
260	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	ISO 6892-1
261	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	ASTM E8/E8M
262	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	BS EN ISO 6892-1
263	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	IS 1608 Part 1
264	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction in Area	ISO 6892-1



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265	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ASTM E8/E8M
266	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	BS EN ISO 6892-1
267	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	IS 1608 Part 1
268	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ISO 6892-1
269	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ASTM E92
270	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ISO 6507-1
271	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ASTM E18
272	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
273	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1
274	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ASTM E18
275	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
276	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
277	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ASTM E8/E8M
278	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	BS EN ISO 6892-1



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279	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	IS 1608 Part 1
280	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ISO 6892-1
281	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ASTM E92
282	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
283	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ASTM E92
284	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
285	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
286	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	BS EN ISO 6892-1
287	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 Part 1
288	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	ISO 6892-1
289	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
290	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
291	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
292	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	ASTM E10



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293	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	BS EN ISO 6506-1
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	IS 1500 Part 1
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	IS 1501 Part 1
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
297	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ISO 6507-1
298	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Bend Test	BS EN ISO 8491
299	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flaring/Drift Expansion Test	ASTM A1016/A1016M
300	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flaring/Drift Expansion Test	IS 2335:2005 RA
301	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A1016/A1016M
302	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A450/A450M
303	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A530/530M
304	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A999/A999M
305	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	BS EN ISO 8492
306	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	IS 2328



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307	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Pin Test	ASTM B153
308	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Reverse Flattening Test	ASTM A1016/A1016M
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Reverse Flattening Test	ASTM A450/A450M
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel	Fracture Test	IS 3600-1
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	% Elongation	ASTM A370
312	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	% Reduction in Area	ASTM A370
313	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	0.2 % Proof stress	ASTM A370
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Bend Test	ASTM A370
315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Rockwell Hardness Test (HRBW Scale)	ASTM A370
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Rockwell Hardness Test (HRC Scale)	ASTM A370
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Ultimate Tensile Stress	ASTM A370
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Yield Stress	ASTM A370
319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Flaring/Drift Expansion Test	ASTM A370
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Flattening Test	ASTM A370



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321	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Reverse Flattening Test	ASTM A370
322	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ASTM A370
323	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ASTM A370
324	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	API 1104
325	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASME Section IX
326	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASTM E190
327	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	AWS D1.1/D1.1M
328	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	BS EN ISO 5173
329	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
330	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
331	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
332	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ASTM E18
333	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
334	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1



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335	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ASTM E18
336	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
337	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
338	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	API 1104
339	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	ASME Section IX
340	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	AWS D1.1/D1.1M
341	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	IS 2825
342	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	ASTM E92
343	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
344	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
345	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV5 Scale)	ASTM E92
346	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
347	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld In Metals	Bend Test	AWS D4.0
348	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld in metals	Fillet Weld Break Test.	AWS D1.1/D1.1M



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349	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld in Metals	Fracture Test	ASME Section IX
350	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld in Metals	Fracture Test	IS 2825
351	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld In Metals	Tension Test (Ultimate tensile strength)	AWS B4.0
352	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc Coated or Zinc Iron Alloy Coated Sheet by the hot Dip Galvanising Process	Coating Bend Test	ASTM A653/A653M
353	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc-5 % Aluminium Alloy-Coated by the hot-Dip Process	Coating Bend Test	ASTM A875/A875M
354	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Zinc-Aluminum-Magnesium Alloy Steel Sheet Coated by the Hot-Dip Process	Coating Bend Test	ASTM A1046/A1046M
355	MECHANICAL- METALLOGRAPHY TEST	Austenitic and Ferritic-Austenitic (Duplex) Stainless Steel	Resistance to intergranular corrosion (Huey test)	BS EN ISO 3651-1
356	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Susceptibility to Intergranular Attack test (Practice F)	ASTM A262
357	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Resistance to intergranular corrosion Test (Practice E)	ASTM A262
358	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Resistance to intergranular corrosion Test (Practice B)	ASTM A262
359	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Resistance to intergranular corrosion Test (Practice C)	ASTM A262
360	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Resistance to intergranular corrosion Test(Practice A)	ASTM A262
361	MECHANICAL- METALLOGRAPHY TEST	Bars, Billets, Blooms, and Forgings of carbon and low alloy steels	Macro Etch Test	ASTM E381
362	MECHANICAL- METALLOGRAPHY TEST	Cast Iron	Designation of The Microstructure Of Graphite In Cast Iron(Type, Size, Shape & Distribution)	IS 7754 Part 1
363	MECHANICAL- METALLOGRAPHY TEST	Cast Iron	Evaluating the Microstructure of Graphite in Iron Castings(Type, Size, Shape & Distribution)	ASTM A247
364	MECHANICAL- METALLOGRAPHY TEST	Duplex Austenitic and Ferritic Stainless Steel	Detection of Detrimental Intermetallic Phase Method A	ASTM A923



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365	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic/Ferritic Stainless Steel	Detection of Detrimental Intermetallic Phase Method C	ASTM A923
366	MECHANICAL-METALLOGRAPHY TEST	Electrode Remelted Steel Bars and Billets	Macro Etch Test	ASTM A604/A604M
367	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Resistance to intergranular corrosion Test(Practice W)	ASTM A763
368	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Resistance to intergranular corrosion Test(Practice X)	ASTM A763
369	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Resistance to intergranular corrosion Test (Practice Y)	ASTM A763
370	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Resistance to intergranular corrosion Test(Practice Z)	ASTM A763
371	MECHANICAL-METALLOGRAPHY TEST	Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels	Resistance to intergranular corrosion Test -Method C	BS EN ISO 3651-2
372	MECHANICAL-METALLOGRAPHY TEST	Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels	Resistance to intergranular corrosion - Method A	BS EN ISO 3651-2
373	MECHANICAL-METALLOGRAPHY TEST	Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels	Resistance to intergranular corrosion Test (Method B)	BS EN ISO 3651-2
374	MECHANICAL-METALLOGRAPHY TEST	ferritic/austenitic (duplex) stainless steels	Microstructural Examination	ISO 17781
375	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals & Alloys	Microstructure Analysis	ASM Handbook Volume 9
376	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals & Alloys Products	Determining Average Grain Size (by Comparison Method)	ASTM E112
377	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals & Alloys Products	Estimation of grain size (By Comparison Method)	IS 4748
378	MECHANICAL-METALLOGRAPHY TEST	Ferrous and non Ferrous Metals & Alloys Products	Estimation of grain size (By Comparison Method)	ISO 643
379	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys (Wrought Cast & Welded Stainless Steels)	Magnesium Chloride Stress Corrosion Test	ASTM G36
380	MECHANICAL-METALLOGRAPHY TEST	Metal and Oxide Coating Thickness on Metallic And Non-Metallic Materials	coating thickness by Microscopical method	ISO 1463
381	MECHANICAL-METALLOGRAPHY TEST	Metal and Oxide Coating Thickness on Metallic And Non-Metallic Materials	Coating Thickness by Microscopical Examination of Cross Section	ASTM B487
382	MECHANICAL-METALLOGRAPHY TEST	Metallic Coated Materials	Coating Thickness Measurement by Microscopic Method	IS 3203
383	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method D	IS 4163



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384	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method A	ASTM E45
385	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method D	ASTM E45
386	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Determining Volume Fraction by Systematic Manual Point Count	ASTM E562
387	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Evaluation of Field Metallographic Replicas	ASTM E1351
388	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Inclusion Rating Method A	IS 4163
389	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro Etch Test	AWS D1.1
390	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro Examination with MLP/Leg Length and Tear Test	ASME Section IX
391	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Macro Examination with MLP/Leg Length and Tear Test	ASME Section VIII
392	MECHANICAL-METALLOGRAPHY TEST	nickel base and chromium-bearing alloys	Pitting Corrosion Resistance Method C-Critical pitting temperature test	ASTM G48
393	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Pitting Corrosion Resistance Method B-Ferric chloride crevice test	ASTM G48
394	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels and Related Alloys	Pitting Corrosion Resistance Method A -Ferric Chloride Pitting Test	ASTM G48
395	MECHANICAL-METALLOGRAPHY TEST	Steel	Depth of decarburized layer (Microscopic Method)	ASTM E1077
396	MECHANICAL-METALLOGRAPHY TEST	Steel	Depth of decarburized layer (Microscopic Method)	IS 6396
397	MECHANICAL-METALLOGRAPHY TEST	Steel	Measuring Case Depth of steel (By Microscopic Method)	IS 6416
398	MECHANICAL-METALLOGRAPHY TEST	welds in metallic materials	Macroscopic and Microscopic Examination of welds	EN ISO 17639
399	MECHANICAL-METALLOGRAPHY TEST	Wrought products of carbon and alloy steels	Macroetch Test	IS 11371
400	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Resistance to intergranular corrosion Test Method A	ASTM G28
401	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Resistance to intergranular corrosion Test Method B	ASTM G28