



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

PATSON TESTING SERVICES PRIVATE LIMITED, PAP-R-398, RABALE MIDC, NAVI MUMBAI, THANE,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-16654

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Testing				
1	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Antimony (Sb)	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chromium (Cr)	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Chromium (Cr)	JIS H1305
4	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Copper (Cu)	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Copper (Cu)	JIS H1305
6	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Iron (Fe)	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Iron (Fe)	JIS H 1305
8	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Lead (Pb)	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Lead (Pb)	JIS H 1305
10	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Magnesium (Mg)	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Magnesium (Mg)	JIS H1305
12	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Manganese (Mn)	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Manganese (Mn)	JIS H1305
14	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Nickel (Ni)	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Nickel (Ni)	JIS H 1305
16	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Silicon (Si)	ASTM E1251



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17	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Silicon (Si)	JIS H 1305
18	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Tin (Sn)	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Tin (Sn)	JIS H 1305
20	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Titanium (Ti)	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Titanium (Ti)	JIS H 1305
22	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Vanadium (V)	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Vanadium (V)	JIS H 1305
24	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Zinc (Zn)	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium and Aluminium Alloys	Zinc (Zn)	JIS H 1305
26	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium (Al)	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium (Al)	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium (Al)	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Arsenic (As)	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Arsenic (As)	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Arsenic (As)	JIS G1253
32	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Boron (B)	ASTM E415



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33	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Boron (B)	IS 8811
34	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Boron (B)	JIS G1253
35	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Calcium (Ca)	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Calcium (Ca)	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon (C)	ASTM E415
38	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon (C)	IS 8811
39	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium (Cr)	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium (Cr)	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium (Cr)	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Cobalt (Co)	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Cobalt (Co)	IS 8811
44	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper (Cu)	ASTM E415
45	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper (Cu)	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper (Cu)	JIS G1253
47	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Lead (Pb)	ASTM E415
48	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Lead (Pb)	JIS G1253



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49	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese (Mn)	ASTM E415
50	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese (Mn)	IS 8811
51	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum (Mo)	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum (Mo)	IS 8811
53	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum (Mo)	JIS G1253
54	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel (Ni)	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel (Ni)	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel (Ni)	JIS G1253
57	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Niobium (Nb)	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Niobium (Nb)	IS 8811
59	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Niobium (Nb)	JIS G1253
60	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nitrogen (N)	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nitrogen (N)	IS 228 (Part 23)
62	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus (P)	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus (P)	IS 8811
64	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorus (P)	JIS G1253



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65	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon (Si)	ASTM E415
66	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon (Si)	IS 8811
67	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur (S)	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur (S)	IS 8811
69	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur (S)	JIS G1253
70	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Tin (Sn)	ASTM E415
71	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Tin (Sn)	IS 8811
72	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium (Ti)	ASTM E415
73	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium (Ti)	IS 8811
74	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Titanium (Ti)	JIS G1253
75	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium (V)	ASTM E415
76	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium (V)	IS 8811
77	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium (V)	JIS G1253
78	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Zirconium (Zr)	ASTM E415
79	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Zirconium (Zr)	IS 8811
80	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Silver (Ag)	BS EN 15079



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81	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Aluminium (Al)	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Arsenic (As)	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Cobalt (Co)	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Iron (Fe)	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Lead (Pb)	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Manganese (Mn)	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Nickel (Ni)	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Phosphorus (P)	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Silicon (Si)	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Sulphur (S)	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Tin (Sn)	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Copper Alloys (Brass, Bronze, Cupronickel)	Zinc (Zn)	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Fe, Cu, Ni, Al, Co, Ti Bases)	Positive Material Identification by XRF	ASTM E1476
94	CHEMICAL- METALS & ALLOYS	Metals & Alloys (Fe, Cu, Ni, Al, Co, Ti Bases)	Positive Material Identification by XRF	ASTM E1916
95	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Aluminium (Al)	ASTM E3047
96	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Carbon (C)	ASTM E3047



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97	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Chromium (Cr)	ASTM E3047
98	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Cobalt (Co)	ASTM E3047
99	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Copper (Cu)	ASTM E3047
100	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Iron (Fe)	ASTM E3047
101	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Manganese (Mn)	ASTM E3047
102	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Molybdenum (Mo)	ASTM E3047
103	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Niobium (Nb)	ASTM E3047
104	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Phosphorus (P)	ASTM E3047
105	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Silicon (Si)	ASTM E3047
106	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Sulphur (S)	ASTM E3047
107	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Titanium (Ti)	ASTM E3047
108	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Tungsten (W)	ASTM E3047
109	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Vanadium (V)	ASTM E3047
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	ASTM E1086
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	IS 9879
112	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon (C)	JIS G1253



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113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	ASTM E1086
114	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	IS 9879
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium (Cr)	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt (Co)	JIS G1253
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	ASTM E1086
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	IS 9879
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper (Cu)	JIS G1253
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	ASTM E1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	IS 9879
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese (Mn)	JIS G1253
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	ASTM E1086
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	IS 9879
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum (Mo)	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	ASTM E1086
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	IS 9879
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel (Ni)	JIS G1253



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129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium (Nb)	JIS G1253
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen (N)	IS 228 (Part 23)
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen (N)	JIS G1253
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	ASTM E1086
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	IS 9879
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus (P)	JIS G1253
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	ASTM E1086
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	IS 9879
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon (Si)	JIS G1253
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	ASTM E1086
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	IS 9879
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur (S)	JIS G1253
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum (Ta)	JIS G1253
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium (Ti)	JIS G1253
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten (W)	JIS G1253
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium (V)	JIS G1253



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145	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon (C)	JIS G1253
146	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium (Cr)	JIS G1253
147	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt (Co)	JIS G1253
148	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper (Cu)	JIS G1253
149	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese (Mn)	JIS G1253
150	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum (Mo)	JIS G1253
151	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel (Ni)	JIS G1253
152	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen (N)	IS 228 (Part 23)
153	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen (N)	JIS G1253
154	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus (P)	JIS G1253
155	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon (Si)	JIS G1253
156	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur (S)	JIS G1253
157	CHEMICAL- METALS & ALLOYS	Tool Steel	Titanium (Ti)	JIS G1253
158	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten (W)	JIS G1253
159	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium (V)	JIS G1253
160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.3% Proof Stress	ASTM E8/E8M



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161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.3% Proof Stress	ASTM A370
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.5% Proof Stress	ASTM E8/E8M
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.6% Proof Stress	ASTM E8/E8M
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.6% Proof Stress	ASTM A370
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.6% Proof Stress	IBR Rule Reg. 15 & 16
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.7% Proof Stress	ASTM E8/E8M
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.7% Proof Stress	ASTM A370
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.7% Proof Stress	IBR Rule Reg. 15 & 16
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	1% Proof Stress	ASTM A370



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170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.3% Proof Stress	IS 1608 (Part 1)
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.5% Proof Stress	ASTM A370
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.6% Proof Stress	IS 1608 (Part 1)
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.7% Proof Stress	IS 1608 (Part 1)
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	1% Proof Stress	ASTM E8/E8M
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	1% Proof Stress	IBR Rule Reg. 15 & 16
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	0.2% Proof Stress	BS EN 10002 (Part 5)
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	0.2% Proof Stress	ISO 6892 (Part 2)
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.3% Proof Stress	IS 1608 (Part 1)



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179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.6% Proof Stress	ASTM E8/E8M
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.7% Proof Stress	ASTM E8/E8M
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	1% Proof Stress	ASTM E8/E8M
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.3% Proof Stress	ASTM E8/E8M
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.5% Proof Stress	ASTM E8/E8M
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Case Hardened & Induction Hardened Steel	Case Depth (Hardness Method)	IS 6416
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	ASTM A264
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	ASTM A263
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	ASTM A265



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188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	SA 263
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	SA 264
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	SA 265
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials/ Metal & Alloys (Boiler/ Pressure Tubes)	Crushing Test	ASTM A370
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal & Alloys	Charpy V-notch Impact Test at Weld and HAZ (+35°C to -196°C)	ASME Section VIII Div. 1 Clause UG84
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ASTM A370
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ASTM F606
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ISO 898 (Part 2)
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Reduction in Area	IS 1608 (Part 1)



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197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	BS EN ISO 6892 (Part 1)
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	ASTM A370
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	ASTM E18
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	ASTM A370
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	BS EN ISO 6508 (Part 1)
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	IS 1586 (Part 1)
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV30)	ASTM E92
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	BS EN ISO 6892 (Part 1)
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	ASTM A370



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206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	ASTM E18
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	ASTM A370
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.3% Proof Stress	BS EN ISO 6892 (Part 1)
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.5% Proof Stress	IBR Rule Reg. 15 & 16
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.7% Proof Stress	BS EN ISO 6892 (Part 1)
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Elongation	ASTM A370
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Elongation	ASTM E8/E8M
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Elongation	BS EN ISO 6892 (Part 1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Elongation	IBR Rule Reg.15 & 16



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215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Elongation	IS 1608 (Part 1)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Reduction in Area	ASTM A370
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Reduction in Area	ASTM E8/E8M
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Reduction in Area	BS EN ISO 6892 (Part 1)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	% Reduction in Area	IBR Rule
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	ASTM E8/E8M
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	IBR Rule Reg. 15 & 16
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.2% Proof Stress	IS 1608 (Part 1)
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.3% Proof Stress	IBR Rule Reg. 15 & 16



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224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.5% Proof Stress	IS 1608 (Part 1)
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.5% Proof Stress	BS EN ISO 6892 (Part 1)
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	0.6% Proof Stress	BS EN ISO 6892 (Part 1)
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	1% Proof Stress	IS 1608 (Part 1)
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	1% Proof Stress	BS EN ISO 6892 (Part 1)
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	ASTM A370
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	ASTM E10
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	BS EN ISO 6506 (Part 1)
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	IS 1500 (Part 1)



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233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	ASTM A370
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	ASTM A923 Method B
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	ASTM E23
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	BS EN 875
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	BS EN ISO 15614 (Part 1)
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	BS EN ISO 17781
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	IBR Rule
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	IS 1757 (Part 1)
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (+35°C to -196°C)	ISO 9016



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242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V-notch Impact Test (Room Temp. +35°C to -196°C)	ISO 148 (Part 1)
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	BS EN ISO 6508 - 1
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	IS 1586 (Part 1)
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	ASTM E18
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	BS EN ISO 6508 (Part 1)
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	IS 1586 (Part 1)
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% Reduction in Area)	API 2H
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% Reduction in Area)	ASTM A770
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% Reduction in Area)	BS EN 10164



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251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Ultimate Tensile Strength	ASTM A370
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Ultimate Tensile Strength	ASTM E8/E8M
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Ultimate Tensile Strength	BS EN ISO 6892 (Part 1)
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Ultimate Tensile Strength	IBR Rule
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Ultimate Tensile Strength	IS 1608 (Part 1)
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV10)	ASTM E92
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV10)	BS EN ISO 15614 (Part 1)
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV10)	BS EN ISO 9015 (Part 1)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV10)	IS 1501 (Part 1)



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260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV10)	ISO 6507 (Part 1)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV30)	BS EN ISO 15614 (Part 1)
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV30)	BS EN ISO 9015 (Part 1)
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV30)	IS 1501 (Part 1)
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV30)	ISO 6507 (Part 1)
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV5)	ASTM E92
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV5)	BS EN ISO 15614 (Part 1)
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV5)	BS EN ISO 9015 (Part 1)
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV5)	IS 1501 (Part 1)



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269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness (HV5)	ISO 6507 (Part 1)
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	ASTM A370
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	ASTM E8/E8M
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	IBR Rule Reg.15 & 16
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Yield Stress	IS 1608 (Part 1)
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	ISO 7438
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	ASTM A370
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	ASTM E290
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IBR Rule Reg. 19, 44 & 347



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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IS 1599
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IS 2329
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flattening Test	ASTM A1016
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	ASTM A1016
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	ASTM A370
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	BS EN 8493
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flattening Test	ASTM A370
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flattening Test	ASTM A999
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flattening Test	BS EN 8492



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287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Flattening Test	IS 2328
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Reverse Flattening Test	ASTM A1016
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Tube/ Pipe)	Reverse Flattening Test	ASTM A370
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Weld)	Nick Break Test	IBR Rule
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Weld)	Nick Break Test	API 1104 Clause 5.6.3
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non Ferrous Metals & Alloys	0.2% Proof Stress	ASTM E21
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Elongation	ASTM E21
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Elongation	BS EN 10002-5
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Elongation	ISO 6892-2



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296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Reduction in Area	ASTM E21
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Reduction in Area	BS EN 10002 (Part 5)
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	% Reduction in Area	ISO 6892 (Part 2)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (100° C to 1000° C)	ASTM E21
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (100° C to 1000° C)	BS EN 10002 (Part 5)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (100° C to 1000° C)	ISO 6892 (Part 2)
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.2)	ASTM E92
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.2)	ISO 6507 (Part 1)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.3)	ASTM E384



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305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.1)	ASTM E384
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.1)	ASTM E92
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.1)	IS 1501 (Part 1)
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.1)	ISO 6507 (Part 1)
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.2)	ASTM E384
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.2)	IS 1501 (Part 1)
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.3)	ASTM E92
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.3)	IS1501 (Part 1)
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.3)	ISO 6507 (Part 1)



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314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.5)	ASTM E384
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.5)	ASTM E92
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.5)	IS1501 (Part 1)
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV0.5)	ISO 6507 (Part 1)
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV1)	ASTM E384
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV1)	ASTM E92
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV1)	IS1501 (Part 1)
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vickers Hardness (Micro Indentation) (HV1)	ISO 6507 (Part 1)
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Yield Stress	ASTM E21



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323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Yield Stress	BS EN 10002 (Part 5)
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Yield Stress	ISO 6892 (Part 2)
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Re-bend Test	IS 1786
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Re-bend Test	BS EN ISO 15630 (Part 1)
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Mass per meter	IS 1786
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Fracture Test (Tear Test)	ASME BPVC Sec. IX (QW 193.1.3) & (QW 182)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Macro Test (Min. Leak Path & Leg Length)	ASME Sec. IX (QW 183 & 184)
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Macro Test (Min. Leak Path & Leg Length)	AWS D 1.1 (Clause 6.10, 6.12 & 6.23)
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Weld Strength Test (Pull Out Test)	ASME BPVC Sec. IX (QW193)



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332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Weld Strength Test (Pull Out Test)	ASME BPVC Sec. VIII Div. 1 UW20
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloy (Nuts & Bolts)	Proof Load	ASTM F606
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloy (Nuts & Bolts)	Proof Load	ISO 898 (Part 2)
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Elongation	IBR Rule
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Brinell Hardness Test	ASTM E10
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell B	ASTM E18
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell C	ASTM E18
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell C	IS 1586 (Part 1)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV30)	IS 1501 (Part 1)



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341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV5)	IS 1501 (Part 1)
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.3% Proof Stress	IBR Rule Reg. 33
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.3% Proof Stress	BS EN ISO 6892 (Part 1)
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.5% Proof Stress	BS EN ISO 6892 (Part 1)
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.6% Proof Stress	BS EN ISO 6892 (Part 1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.7% Proof Stress	BS EN ISO 6892 (Part 1)
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	1% Proof Stress	IS 1608 (Part 1)
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	1% Proof Stress	BS EN ISO 6892 (Part 1)
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Elongation	ASTM B557



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350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Elongation	ASTM E8/E8M
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Elongation	BS EN ISO 6892 (Part 1)
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Elongation	IS 1608 (Part 1)
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Reduction in Area	ASTM B557
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Reduction in Area	ASTM E8/E8M
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Reduction in Area	BS EN ISO 6892 (Part 1)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Reduction in Area	IBR Rule Reg. 33
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	% Reduction in Area	IS 1608 (Part 1)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.2% Proof Stress	ASTM B557



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359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.2% Proof Stress	ASTM E8/E8M
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.2% Proof Stress	BS EN ISO 6892 (Part 1)
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.2% Proof Stress	IBR Rule Reg. 33
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.2% Proof Stress	IS 1608 (Part 1)
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.5% Proof Stress	IBR Rule Reg. 33
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.5% Proof Stress	IS 1608 (Part 1)
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.6% Proof Stress	IBR Rule Reg. 33
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.6% Proof Stress	IS 1608 (Part 1)
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.7% Proof Stress	IBR Rule Reg. 33



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368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	0.7% Proof Stress	IS 1608 (Part 1)
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	1% Proof Stress	IBR Rule Reg. 33
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Brinell Hardness Test	IS 1500 (Part 1)
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Brinell Hardness Test (2.5.mm Ø ball /187.5 kgf load)	BS EN ISO 6506 (Part 1)
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell A	ASTM E18
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell A	BS EN ISO 6508 (Part 1)
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell A	IS 1586 (Part 1)
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell B	BS EN ISO 6508 (Part 1)
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell B	IS 1586 (Part 1)



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377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Hardness Rockwell C	BS EN ISO 6508 (Part 1)
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Ultimate Tensile Strength	ASTM B557
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Ultimate Tensile Strength	ASTM E8/E8M
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Ultimate Tensile Strength	BS EN ISO 6892 (Part 1)
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Ultimate Tensile Strength	IBR Rule Reg. 33
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Ultimate Tensile Strength	IS 1608 (Part 1)
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV10)	ASTM E92
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV10)	BS EN ISO 15614 (Part 1)
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV10)	BS EN ISO 9015 (Part 1)



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386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV10)	IS 1501 (Part 1)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV10)	ISO 6507 (Part 1)
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV30)	ASTM E92
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV30)	BS EN ISO 15614 (Part 1)
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV30)	BS EN ISO 9015 (Part 1)
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV30)	ISO 6507 (Part 1)
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV5)	ASTM E92
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV5)	BS EN ISO 15614 (Part 1)
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV5)	BS EN ISO 9015 (Part 1)



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395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Vickers Hardness (HV5)	ISO 6507 (Part 1)
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Yield Stress	ASTM E8/E8M
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Yield Stress	BS EN ISO 6892 (Part 1)
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Yield Stress	IBR Rule Reg. 33
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys	Yield Stress	IS 1608 (Part 1)
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	ASTM E290
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IBR Rule Reg. 33
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IS 1599
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	IS 2329



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404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Plate, Rod & Pipe/ Tube)	Bend Test	ISO 7438
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	ASTM B153
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	BS EN 8493
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	IS 2335
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	IS 2501
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flattening Test	ASTM A1016
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flattening Test	ASTM A999
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flattening Test	BS EN 8492
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Flattening Test	IS 2328



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413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metal & Alloys (Tube/ Pipe)	Reverse Flattening Test	ASTM A1016
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Painted & Coated Products	Pull Off	ASTM D4541
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	API 1104 (Clause 5.6.4 & 5.6.5, 10.3.6.2, 12.6.3 & 12.6.4)
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	ASME Sec. IX (QW160 to QW163)
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	ASTM E190
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	AWS D 1.1 (Clause 6.10 & 6.13)
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	BS EN 910
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	BS EN ISO 15614 (Part 1) (Clause 7.4.2)
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	BS EN ISO 5173



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422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	IBR Rule Reg. 19, 44, 54, 347 & 561
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Bend Test	IS 2825
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/ Tube)	Fracture Test	ASME Sec. IX (QW 182)
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	% Elongation	ASME Sec. II
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	% Elongation	AWS D 1.1 (Clause 6.10 & 6.13)
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	% Reduction in Area	ASME Sec. II
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	% Reduction in Area	AWS D 1.1 (Clause 6.10 & 6.13)
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	0.2% Proof Stress	ASME Sec. II
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	0.2% Proof Stress	AWS D 1.1 (Clause 6.10 & 6.13)



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431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	API 1104 (Clause No. 5.6.2, 10.3.6.2 & 12.6.2)
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	ASME Sec. II
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	ASME Sec. IX (QW 150 to QW 153)
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	AWS D 1.1 (Clause 6.10 & 6.13)
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	BS EN ISO 4136
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	IBR Rule Reg. 561
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	IS 2825
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Ultimate Tensile Strength	ISO 15614 (Part 1) (Clause 7.4.1)
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Yield Stress	ASME Sec. II



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440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Yield Stress	AWS D 1.1 (Clause 6.10 & 6.13)
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Fillet Weld Fracture Test	API 1104
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Fillet Weld Fracture Test	ASME BPVC Sec. IX QW182
443	MECHANICAL-METALLOGRAPHY TEST	Austenitic & Ferritic (Duplex Stainless Steel)	IGC Test (Huey Test)	ISO 3651 (Part 1)
444	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice A	ASTM A262
445	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice B	ASTM A262
446	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice C	ASTM A262
447	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice E	ASTM A262
448	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steel	Estimation of Case Depth (Microscopic Method)	IS 6416
449	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure Analysis	ASTM A247
450	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure Analysis	IS 7754



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451	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases Method A	ASTM A923
452	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases Method C	ASTM A923
453	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	IGC Practice-Z	ASTM A763
454	MECHANICAL-METALLOGRAPHY TEST	Ferritic-Austenitic (Duplex Stainless Steel)	Resistance to Intergranular Corrosion (Method A)	ISO 3651 (Part 2)
455	MECHANICAL-METALLOGRAPHY TEST	Ferritic-Austenitic (Duplex Stainless Steel)	Resistance to Intergranular Corrosion (Method B)	ISO 3651 (Part 2)
456	MECHANICAL-METALLOGRAPHY TEST	Ferritic-Austenitic (Duplex Stainless Steel)	Resistance to Intergranular Corrosion (Method C)	ISO 3651 (Part 2)
457	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method D)	ASTM E45
458	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method A)	ASTM E45
459	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method A)	IS 4163
460	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method A)	ISO 4967
461	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method D)	IS 4163
462	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating (Method D)	ISO 4967



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463	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Salt Spray	ASTM B117
464	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Salt Spray Test	ISO 9227
465	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	ASTM E112
466	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	IS 4748
467	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of Depth of Decarburized Layer in Steel (Microscopic Method)	ASTM E1077
468	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of Depth of Decarburized Layer in Steel (Microscopic Method)	IS 6396
469	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of Depth of Decarburized Layer in Steel (Microscopic Method)	ISO 3887
470	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determining Volume Fraction by Systematic Manual Point Count/ Microscope (Ferrite)	ASTM E562
471	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Ferrite Content Test (By Ferrite-scope)	ASTM A800
472	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Ferrite Content Test (By Ferrite-scope)	AWS A 4.2



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473	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Ferrite Content Test (By Ferrite-scope)	EN ISO 8249
474	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASTM A604/604M
475	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASTM E381
476	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	BS EN ISO 15614 (Part 1)
477	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	BS EN ISO 17639
478	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	IS 11371
479	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination of Fillet Weld	ASME Sec IX
480	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	ASM Handbook Metallography & Microstructure Vol. 9
481	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 15614 (Part 1)
482	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	SEP 1520
483	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	ASTM B487
484	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	IS 3203



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485	MECHANICAL-METALLOGRAPHY TEST	Metallic/ Non-Metallic Coatings on Ferrous & Non-Ferrous Metals	Thickness of Coating (Portable Tester)	ASTM B499
486	MECHANICAL-METALLOGRAPHY TEST	Metallic/ Non-Metallic Coatings on Ferrous & Non-Ferrous Metals	Thickness of Coating (Portable Tester)	ASTM B530
487	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Susceptibility of Intergranular Corrosion Test (Method A)	ASTM G28
488	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Susceptibility of Intergranular Corrosion Test (Method B)	ASTM G28
489	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals	Salt Spray Test	ASTM B117
490	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals	Salt Spray Test	ISO 9227
491	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals	Thickness of Coating (Microscopic Method)	ASTM B487
492	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	ASTM E112
493	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	IS 4748
494	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Macro Examination	ASTM A604/604M
495	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Macro Examination	BS EN ISO 15614 (Part 1)
496	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Macro Examination	BS EN ISO 17639



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497	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Macro Examination of Fillet Weld	ASME Sec. IX
498	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Microstructure Analysis	ASM Handbook Metallography & Microstructure Vol. 9
499	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 15614 (Part 1)
500	MECHANICAL-METALLOGRAPHY TEST	Non-Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	IS 3203
501	MECHANICAL-METALLOGRAPHY TEST	Pipeline & Pressure Vessel Steels	Hydrogen Induced Cracking (HIC)	NACE TM 0284
502	MECHANICAL-METALLOGRAPHY TEST	Pitting Corrosion	Examination and Evaluation of Pitting Corrosion	ASTM G46
503	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Crevice Corrosion Test (Method B)	ASTM G48
504	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Crevice Corrosion Test (Method D)	ASTM G48
505	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Crevice Corrosion Test Method E	ASTM G48
506	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Pitting Corrosion Test Method C	ASTM G48
507	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Pitting Corrosion Test Method A	ASTM G48



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508	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel Nickel Base Alloys	Chloride Stress Corrosion Cracking Test (Magnesium Chloride MgCl ₂ & Calcium Chloride CaCl ₂)	ASTM G36
509	MECHANICAL-METALLOGRAPHY TEST	Steel & Nickel Alloys	Sulphide Stress Cracking (SSC) & Stress Corrosion Cracking (SCC) Method A, B, C	NACE TM0177
510	MECHANICAL-METALLOGRAPHY TEST	Zinc Plated Steel Articles	Adhesion Test	IS 2629
511	MECHANICAL-METALLOGRAPHY TEST	Zinc Plated Steel Articles	Adhesion Test	ISO 4624
512	MECHANICAL-METALLOGRAPHY TEST	Zinc Plated Steel Articles	Mass of Zinc Coating	EN ISO 1461
513	MECHANICAL-METALLOGRAPHY TEST	Zinc Plated Steel Articles	Mass of Zinc Coating	IS 6745 (Clause 5)
514	MECHANICAL-METALLOGRAPHY TEST	Zinc Plated Steel Articles	Uniformity of Coating	IS 2633