



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	ULOGAM ANALYTICAL SERVICES PRIVATE LIMITED, NO. 442, DSK TOWER, SIDCO INDUSTRIAL ESTATE, AMBATTUR, CHENNAI, TAMIL NADU, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-15611	Page No	1 of 44
Validity	05/03/2025 to 31/01/2029	Last Amended on	22/04/2025

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	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	ISO 9227
2	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	ASTM G85
3	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	DIN 50021
4	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Acetic Acid Salt Spray Test (ASS Test)	IS 6910
5	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Copper - Accelerated Acetic Acid Salt Spray Test (CASS Test)	ISO 9227
6	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Copper - Accelerated Acetic Acid Salt Spray Test (CASS Test)	JIS Z 2371
7	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Copper - Accelerated Acetic Acid Salt Spray test (CASS Test)	ASTM B368
8	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Copper - Accelerated Acetic Acid Salt Spray test (CASS Test)	DIN 50021
9	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	ASTM B117
10	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	DIN 50021
11	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	IS 101 P-6 Sec-1
12	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	IS 9844
13	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	ISO 9227
14	CHEMICAL-CORROSION TESTS	Ferrous & Non ferrous Material (Inorganic & Organic Coatings)	Neutral Salt Spray	JIS Z 2371



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15	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Beryllium	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Bismuth	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Calcium	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Chromium	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Cobalt	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Copper	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Gallium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Iron	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Lead	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Magnesium	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Manganese	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Nickel	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Phosphorus	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Silicon	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Strontium	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Tin	ASTM E1251



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31	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Titanium	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Vanadium	ASTM E1251
33	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zinc	ASTM E1251
34	CHEMICAL- METALS & ALLOYS	Aluminum & its alloys	Zirconium	ASTM E1251
35	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Aluminium	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Aluminum	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Aluminum	JIS G 1253
38	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Antimony	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Antimony	IS 8811
40	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Arsenic	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Arsenic	IS 8811
42	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Arsenic	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Boron	ASTM E415
44	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Boron	IS 8811
45	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Boron	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Carbon	ASTM E415



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47	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Carbon	IS 8811
48	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Carbon	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Chromium	ASTM E415
50	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Chromium	IS 8811
51	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Chromium	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Cobalt	ASTM E415
53	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Cobalt	IS 8811
54	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Cobalt	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Copper	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Copper	IS 8811
57	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Copper	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Lead	ASTM E415
59	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Lead	IS 8811
60	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Lead	JIS G 1253
61	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Manganese	ASTM E415
62	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Manganese	IS 8811



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63	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Manganese	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Molybdenum	ASTM E415
65	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Molybdenum	IS 8811
66	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Molybdenum	JIS G 1253
67	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nickel	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nickel	IS 8811
69	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nickel	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Niobium/Columbium	ASTM E415
71	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Niobium/Columbium	IS 8811
72	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Niobium/Columbium	JIS G 1253
73	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nitrogen	ASTM E415
74	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nitrogen	IS 228 Part-23
75	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nitrogen	IS 8811
76	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Nitrogen	JIS G 1253
77	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Phosphorus	ASTM E415
78	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Phosphorus	IS 8811



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79	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Phosphorus	JIS G 1253
80	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Silicon	ASTM E415
81	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Silicon	IS 8811
82	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Silicon	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Sulphur	ASTM E415
84	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Sulphur	IS 8811
85	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Sulphur	JIS G 1253
86	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Tin	ASTM E415
87	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Tin	IS 8811
88	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Tin	JIS G 1253
89	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Titanium	ASTM E415
90	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Titanium	IS 8811
91	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Titanium	JIS G 1253
92	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Tungsten	IS 8811
93	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Tungsten	JIS G 1253
94	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Vanadium	ASTM E415



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95	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Vanadium	IS 8811
96	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Vanadium	JIS G 1253
97	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Zirconium	IS 8811
98	CHEMICAL- METALS & ALLOYS	Carbon and low alloy steel	Zirconium	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G 1253
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Antimony	JIS G 1253
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Arsenic	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Cast Iron	Boron	JIS G 1253
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Cast Iron	Cerium	JIS G 1253
106	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
107	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G 1253
108	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
110	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G 1253



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111	CHEMICAL- METALS & ALLOYS	Cast Iron	Lanthanum	JIS G 1253
112	CHEMICAL- METALS & ALLOYS	Cast Iron	Lead	JIS G 1253
113	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	JIS G 1253
114	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
115	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G 1253
116	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
117	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G 1253
118	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
119	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Cast Iron	Niobium/Columbium	JIS G 1253
121	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
122	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G 1253
123	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
124	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
125	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
126	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G 1253



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127	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
128	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G 1253
129	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
130	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G 1253
131	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
133	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G 1253
134	CHEMICAL- METALS & ALLOYS	Cast Iron	Zirconium	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminum	BS EN 15079
136	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
137	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	BS EN 15079
139	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
140	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Carbon	BS EN 15079
141	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
142	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079



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143	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
144	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
145	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Magnesium	BS EN 15079
146	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
147	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
148	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
149	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Selenium	BS EN 15079
150	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
151	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	BS EN 15079
152	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
153	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tellurium	BS EN 15079
154	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
155	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminum	JIS G 1253
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Arsenic	IS 9879



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159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	IS 9879
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G 1253
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253



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175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
176	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
177	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
178	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
179	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
180	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
181	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium/Columbium	IS 9879
182	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium/Columbium	JIS G 1253
183	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 Part-23
184	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
185	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
186	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086
187	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
188	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
189	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
190	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879



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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
191	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
192	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
193	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
194	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
195	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	IS 9879
196	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	JIS G 1253
197	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	IS 9879
198	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	JIS G 1253
199	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
200	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
201	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879
202	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253
203	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
204	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
205	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminum	JIS G 1253
206	CHEMICAL- METALS & ALLOYS	Tool Steel	Antimony	JIS G 1253



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207	CHEMICAL- METALS & ALLOYS	Tool Steel	Arsenic	JIS G 1253
208	CHEMICAL- METALS & ALLOYS	Tool Steel	Boron	JIS G 1253
209	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G 1253
210	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G 1253
211	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G 1253
212	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	JIS G 1253
213	CHEMICAL- METALS & ALLOYS	Tool Steel	Lead	JIS G 1253
214	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G 1253
215	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G 1253
216	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G 1253
217	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium/Columbium	JIS G 1253
218	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	IS 228 Part-23
219	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	JIS G 1253
220	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G 1253
221	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G 1253
222	CHEMICAL- METALS & ALLOYS	Tool Steel	Tin	JIS G 1253



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223	CHEMICAL- METALS & ALLOYS	Tool Steel	Titanium	JIS G 1253
224	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G 1253
225	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G 1253
226	MECHANICAL- MECHANICAL PROPERTIES OF METALS	brazing in metallic materials	TENSION TEST	ASME SEC IX (QB-152)
227	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Duplex Austenitic/ Ferritic Stainless Steels	TEST METHOD B—CHARPY IMPACT TEST FOR CLASSIFICATION OF STRUCTURES OF DUPLEX STAINLESS STEELS	ASTM A923
228	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	% Elongation after fracture	ASTM E8/E8M
229	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	% Elongation after fracture	IS 1608 Part-1
230	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	% Elongation after fracture	ISO 6892 Part-1
231	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	% Elongation after fracture	JIS Z2241
232	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Proof Strength (0.2% to 1%)	IS 1608 Part-1



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233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Proof Strength (0.2% to 1%)	ISO 6892 Part-1
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Proof Strength (0.2% to 1%)	JIS Z2241
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	ASTM A770/A770M
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	ASTM E8/E8M
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	BS EN 10164
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	IS 1608 Part-1
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	ISO 6892 Part-1
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Reduction of Area %	JIS Z2241
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Tensile Strength	ASTM E8/E8M



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242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Tensile Strength	IS 1608 Part-1
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Tensile Strength	ISO 6892 Part-1
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Yield Strength	ASTM E8/E8M
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Yield Strength	IS 1608 Part-1
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Yield Strength	ISO 6892 Part-1
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Yield Strength	JIS Z2241
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Alloys, Products	Yield strength (offset = 0.2%, to 1%)	ASTM E8/E8M
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy impact - Lateral Expansion	ASTM E23
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy impact - Shear Fracture Appearance	ASTM E23



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251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV1)	ASTM E92
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV1)	IS 1501 Part-1
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV1)	ISO 6507 Part-1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Bend Test	ASTM E290
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Bend Test	IS 1599
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Bend Test	ISO 7438
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Bend Test	JIS Z2248
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/1000)	ASTM E10
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/1000)	IS 1500 Part 1



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260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/1000)	ISO 6506 Part-1
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/3000)	ASTM E10
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/3000)	IS 1500 Part 1
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/3000)	ISO 6506 Part-1
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/500)	ASTM E10
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/500)	IS 1500 Part 1
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 10/500)	ISO 6506 Part-1
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 2.5/187.5)	ASTM E10
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 2.5/187.5)	IS 1500 Part 1



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269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 2.5/187.5)	ISO 6506 Part-1
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/250)	ASTM E10
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/250)	IS 1500 Part 1
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/250)	ISO 6506 Part-1
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/750)	ASTM E10
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/750)	IS 1500 Part 1
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Brinell Hardness (HBW 5/750)	ISO 6506 Part-1
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy impact - Lateral Expansion	ISO 148 Part-1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy impact - Shear Fracture Appearance	ISO 148 Part-1



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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy Impact Test (V & U Notch) -196 °C to Room Temperature	ISO 148 Part-1
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy Impact Test (V & U Notch) -196 °C to Room Temperature	IS 1757 Part-1
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy Impact Test (V & U Notch) -196 °C to Room Temperature	ASTM E23
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Charpy Impact Test (V & U Notch), (-100°C to 20°C)	GOST 9454
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Coating Thickness	ASTM B499
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Coating Thickness	IS 6012
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Drift expanding test	IS 2335
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Drift expanding test	ISO 8493
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Flattening Test	IS 2328



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287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Flattening Test	ISO 8492
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	IZOD Impact Test	IS 1598
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.05)	ASTM E384
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.05)	IS 1501 Part-1
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.05)	ISO 6507 Part-1
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.1)	ASTM E384
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.1)	IS 1501 Part-1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.1)	ISO 6507 Part-1
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.2)	ASTM E384



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296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.2)	IS 1501 Part-1
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.2)	ISO 6507 Part-1
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.3)	ASTM E384
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.3)	IS 1501 Part-1
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.3)	ISO 6507 Part-1
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.5)	ASTM E384
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.5)	IS 1501 Part-1
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV0.5)	ISO 6507 Part-1
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Micro Vickers Hardness (HV1)	ASTM E384



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305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRA)	ASTM E18
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRA)	IS 1586 : Part 1
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRA)	ISO 6508 Part-1
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRBW)	ASTM E18
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRBW)	IS 1586 : Part 1
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRBW)	ISO 6508 Part-1
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRC)	ASTM E18
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRC)	IS 1586 : Part 1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Rockwell Hardness Test (HRC)	ISO 6508 Part-1



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314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15N)	ASTM E18
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15N)	IS 1586 : Part 1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15N)	ISO 6508 Part-1
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15TW)	ASTM E18
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15TW)	IS 1586 : Part 1
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15TW)	ISO 6508 Part-1
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30N)	ASTM E18
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30N)	IS 1586 : Part 1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30N)	ISO 6508 Part-1



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323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30TW)	ASTM E18
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30TW)	IS 1586 : Part 1
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30TW)	ISO 6508 Part-1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45N)	ASTM E18
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45N)	IS 1586 : Part 1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45N)	ISO 6508 Part-1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45TW)	ASTM E18
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45TW)	IS 1586 Part 1
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45TW)	ISO 6508 Part-1



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332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV10)	ASTM E92
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV10)	IS 1501 Part-1
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV10)	ISO 6507 Part-1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV30)	ASTM E92
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV30)	IS 1501 Part-1
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV30)	ISO 6507 Part-1
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV5)	ASTM E92
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV5)	IS 1501 Part-1
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Alloys, Products	Vickers Hardness (HV5)	ISO 6507 Part-1



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341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	% Elongation after fracture	ASTM A370
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Bend Test	ASTM A370
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 10/1000)	ASTM A370
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 10/3000)	ASTM A370
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 10/500)	ASTM A370
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 2.5/187.5)	ASTM A370
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 5/250)	ASTM A370
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Brinell Hardness (HBW 5/750)	ASTM A370
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Charpy impact - Lateral Expansion	ASTM A370



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350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Charpy impact - Shear Fracture Appearance	ASTM A370
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Charpy Impact Test (V Notch) -196 °C to Room Temperature	ASTM A370
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Crush Test	ASTM A370
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Erichsen cupping test	ISO 20482
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Flaring Test	ASTM A370
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Flattening Test	ASTM A370
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Reduction of Area %	ASTM A370
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Rockwell Hardness Test (HRA)	ASTM A370
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Rockwell Hardness Test (HRBW)	ASTM A370



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359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Rockwell Hardness Test (HRC)	ASTM A370
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15N)	ASTM A370
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR15TW)	ASTM A370
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30N)	ASTM A370
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR30TW)	ASTM A370
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45N)	ASTM A370
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Superficial Rockwell Hardness Test (HR45TW)	ASTM A370
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Tensile Strength	ASTM A370
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Yield Strength	ASTM A370



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368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Alloys, Products	Yield strength (offset = 0.2%, to 1%)	ASTM A370
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Lean Duplex Austenitic / Ferritic Stainless Steels	TEST METHOD B—CHARPY V-NOTCH IMPACT TEST FOR DETERMINATION OF THE PRESENCE OF DETRIMENTAL PHASES IN LEAN DUPLEX STAINLESS STEELS	ASTM A1084
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Paint & Organic Coatings	Measuring Adhesion by Tape Test Method "B"	ASTM D3359
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Color	IS 101 Part 3, Sec 2
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Cupping Test	IS 101 Part 5, Sec 2.C
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Dry Film thickness	IS 101 Part 3, Sec 2
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Gloss @ 60°	IS 101 Part 4, Sec 4
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Scratch hardness	IS 101 Part 5, Sec 2.b



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376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Powder Coated Items - Metallic Materials	Surface Finish	IS 101 Part 3, Sec 4
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars	ReBend Test	IS 1786
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Chisel and Peel Test	AWS B4.0 (Clause 11.2.5, 11.2.2)
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Chisel and Peel Test	ISO 10447
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	API 1104 (Clause 5.6.4, 5.6.5)
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	AS 3992
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	ASME Sec IX (QW 160)
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	ASTM E190
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	AWS B4.0(Claue 6.8.2)



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385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	AWS D1.1/D1.1M(Clause 6.10.3.1)
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	AWS D1.2/D1.2M(Clause 3.8)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	AWS D1.6/D1.6M(Clause 6.9.3.2)
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	BS EN ISO 15614 Part-1, (Clause 7.4.2)
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	GOST 6996
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	IBR Clause 262
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	IS 2825 (Clause 8.5.9)
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	IS 3600 -7(Clause 6)
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	IS 3600 Part-5, (Clause 6)



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394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	IS 7307 Part-1, (Clause 7.3.3)
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Face / Root / Side Bend	ISO 5173 (Clause 6.2.1)
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	AS 2205 (Clause 4.2)
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	ASME SEC IX QW 182
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	AWS B4.0 (Clause 9.2)
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	AWS D1.1/D1.1M cl.no.6.13
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	AWS D1.6/D1.6M cl.no.6.10
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	IBR 1950 611b
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	IS 2825 (Clause 7.2.6.3)



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403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	IS 3600 Part-8
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	IS 7307 Part-1 (Clause 7.1)
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	ISO 15614 Part-1 (Clause 7)
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Fracture Test	ISO 9017
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Impact Charpy V Notch test -196 °C to Room Temperature	IS 3600 : Part 2
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Micro Vickers Hardness	ISO 9015 Part-2
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Micro Vickers Hardness	ISO 9015 Part-2
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Micro Vickers Hardness	ISO 9015 Part-2
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	API 1104 (Clause 5.6.3)



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412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	AS 2205 (Clause 4.1)
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	IBR: 1950 Chapter X
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	IS 2825 (Clause 8.5.10)
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Nick Break Test	IS 3600 Part-8
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Peel Test	ASME SEC IX QW196.2.2
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Peel Test	ISO 14270
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Shear Test	ASME SEC IX QW196.2.1
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Shear Test	AWS B4.0 (Clause 11.2.6)
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Shear Test	ISO 14273



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421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	API 1104 (Clause 6.5.3)
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AS 2205 (Clause 2.1)
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AS 3992
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	ASME Sec IX (QW 150)
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS B4.0(Clause 4.8)
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS D1.1/D1.1M (Clause 6.10.3.4, 6.10.3.5)
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS D1.2/D1.2M(Clause 3.7)
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS D1.6/D1.6M (Clause 6.10.3.4, 6.10.3.5)
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	GOST 6996



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430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IBR chapter X (Clause 418)
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IS 2825 (Clause 8.6.1)
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IS 3600 Part-3
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IS 7307 Part-1 (Clause 7.3.3, c,d)
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	ISO 15614-1 cl.no.7.4.1
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	ISO 4136
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Vickers Hardness HV10	ISO 9015 Part-1
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Vickers Hardness HV5	ISO 9015 Part-1
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	% of Elongation after fracture	ASTM B557B557M



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439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	Tensile Strength	ASTM B557B557M
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	Yield Strength	ASTM B557B557M
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wrought and Cast Aluminum- and Magnesium-Alloy Products	Yield Strength (0.2% to 1.0% offset)	ASTM B557B557M
442	MECHANICAL-METALLOGRAPHY TEST	Austenitic and ferritic-austenitic (duplex) stainless steels	intergranular corrosion in nitric acid medium by measurement of loss in mass (HUEY TEST)	ISO 3651 Part-1
443	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice A (Oxalic Acid Etch Test)	ASTM A262 Part-15
444	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice B, Ferric Sulfate-Sulfuric Acid Test	ASTM A262 Part-15
445	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice C, Nitric Acid Test	ASTM A262 Part-15
446	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice E, Copper-Copper Sulfate-Sulfuric Acid Test	ASTM A262 Part-15



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447	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice F, Copper-Copper Sulfate-50 % Sulfuric Acid Test	ASTM A262 Part-15
448	MECHANICAL-METALLOGRAPHY TEST	Blackoxide coatings on Ferrous Metals	Blackoxide coatings	IS 13212
449	MECHANICAL-METALLOGRAPHY TEST	Brazed joints	Macro & Micro examination	BS EN 12797 (clause 6.4 a, 6.4 b)
450	MECHANICAL-METALLOGRAPHY TEST	Brazing in metallic materials	SECTION TEST	ASME SEC IX (QB-181)
451	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Micro examination	ASTM A247
452	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Micro examination	IS 7754
453	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Micro examination	ISO 945 Part-1
454	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Test Method A—Sodium Hydroxide Etch Test	ASTM A923
455	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	TEST METHOD C—FERRIC CHLORIDE CORROSION TEST	ASTM A923
456	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice W, Oxalic acid etch test	ASTM A763 Part-15
457	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice X, Ferric sulfate-sulfuric acid test	ASTM A763 Part-15



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458	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice X, Ferric sulfate-sulfuric acid test	ASTM A763 Part-15
459	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice Y, Copper-copper sulfate-50 % sulfuric acid test	ASTM A763 Part-15
460	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice Y, Copper-copper sulfate-50 % sulfuric acid test	ASTM A763 Part-15
461	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Practice Z, Copper-copper sulfate-16 % sulfuric acid test	ASTM A763 Part-15
462	MECHANICAL-METALLOGRAPHY TEST	Ferritic, austenitic and ferritic-austenitic (duplex) stainless steels	Resistance to intergranular corrosion of stainless steels (METHOD A, B & C)	ISO 3651 Part-2
463	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Alloys Products Steel	Grain size measurement	ASTM E112
464	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Alloys Products Steel	Grain size measurement	IS 4748
465	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Alloys Products Steel	Grain size measurement	ISO 643
466	MECHANICAL-METALLOGRAPHY TEST	Ferrous alloys, Non Ferrous Alloys - Al and Cu, Ni.	Micro examination	ASM METALS HAND BOOK VOL-09
467	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Hardness Traverse method)	IS 6416
468	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Hardness Traverse method)	ISO 18203



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469	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Microscopic method)	IS 6416
470	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Microscopic method)	ISO 18203
471	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Depth of Decarburization	ASTM E1077
472	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Depth of Decarburization	IS 6396
473	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Depth of Decarburization	ISO 3887
474	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion analysis	ASTM E45
475	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion analysis	IS 4163
476	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion analysis	ISO 4967
477	MECHANICAL-METALLOGRAPHY TEST	Iron and Steel Articles with Zinc or Zinc-Alloy Coatings	Mass of Zinc Coating	ASTM A90A90M
478	MECHANICAL-METALLOGRAPHY TEST	Iron and Steel Articles with Zinc or Zinc-Alloy Coatings	Mass of Zinc Coating	IS 6745
479	MECHANICAL-METALLOGRAPHY TEST	Lean Duplex Austenitic / Ferritic Stainless Steels	Test Method C, Inhibited Ferric Chloride Corrosion Test	ASTM A1084 Part-15a
480	MECHANICAL-METALLOGRAPHY TEST	Lean Duplex Austenitic/Ferritic Stainless Steels	Test Method A, Etch Method	ASTM A1084 Part-15a



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481	MECHANICAL-METALLOGRAPHY TEST	Metal and Oxide coating on Metals	Measurement of Metal and oxide coating thickness by Microscopic method	ASTM B487
482	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide coating on Metals	Measurement of coating thickness by Microscopic method	ISO 1463
483	MECHANICAL-METALLOGRAPHY TEST	Phosphate Coating on Ferrous Metals	Mass of Phosphate Coating	IS 3688
484	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method A—Ferric chloride pitting test	ASTM G48-11
485	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method B—Ferric chloride crevice test	ASTM G48-11
486	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method C, Critical pitting temperature test for nickel base and chromium-bearing alloys	ASTM G48 Part-11
487	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method D, Critical crevice temperature test for nickel-base and chromium-bearing alloys	ASTM G48 Part-11
488	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method E, Critical pitting temperature test for stainless steels	ASTM G48 Part-11
489	MECHANICAL-METALLOGRAPHY TEST	Stainless steels and related alloys	Method F, Critical crevice temperature test for stainless steels	ASTM G48 Part-11
490	MECHANICAL-METALLOGRAPHY TEST	Steel Bars, Billets, Blooms and Forgings	Macro Etch test	ASTM E381
491	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	ASME SEC IX



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492	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	AWS D1.1/D1.1M
493	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	ISO 17639
494	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	AS 2205.5.1
495	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	AWS D1.6/D1.6M
496	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	IBR
497	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	IS 2825
498	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	IS 3600 Part-9
499	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Examination	IS 7307 Part-1
500	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Macro Etch test	IS 11371
501	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Method A- Ferric Sulfate-Sulfuric Acid Test	ASTM G28
502	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Method B- Mixed Acid-Oxidizing Salt Test	ASTM G28