National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : EARTH METALLURGICAL SERVICES PVT. LTD., B-3 PLATINUM PROPERTIES, PLOT NO: G-19 TO 24, MIDC TALOJA, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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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 Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coated Metal samples	Adhesion test	ASTM B571
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	PHOSPHATE COATED IRON & STEEL PRODUCTS	Mass of Phosphate coating	IS 3618
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Mass of Zinc coating	ASTM A 90
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Mass of Zinc coating	IS 6745
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Uniformity of Zinc coating	ASTM A 239
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Adhesion test	IS 2629
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Uniformity of Zinc coating	IS 2633
8	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	EMS/QS/01
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Gallium	EMS/QS/02
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Iron	EMS/QS/02
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Lead	EMS/QS/02
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Magnesium	EMS/QS/02
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Nickel	EMS/QS/02
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Silicon	EMS/QS/02
15	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Strontium	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Tin	EMS/QS/02

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17	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Bismuth	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Chromium	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Copper	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Gallium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Iron	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Lead	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Magnesium	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Manganese	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Nickel	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Silicon	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Tin	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Titanium	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Vanadium	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Zinc	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Zirconium	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Lead	EMS/QS/01
33	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	EMS/QS/01
34	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	EMS/QS/01
35	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	EMS/QS/01

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36	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Chromium	EMS/QS/01
37	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	EMS/QS/01
38	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	EMS/QS/01
39	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	ASTM E415
40	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	EMS/QS/01
41	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	IS 8811
42	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Antimony	ASTM E 415
43	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Arsenic	ASTM E415
44	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Arsenic	IS 8811
45	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Boron	ASTM E 415
46	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Boron	IS 8811
47	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Carbon	ASTM E415
48	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Carbon	IS 8811
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	Cobalt	ASTM E415
52	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Cobalt	IS 8811
53	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	ASTM E415
54	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	IS 8811

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55	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Manganese	ASTM E415
56	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Manganese	IS 8811
57	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Molybdenum	ASTM E415
58	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Molybdenum	IS 8811
59	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	ASTM E415
60	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	IS 8811
61	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Niobium	ASTM E415
62	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Niobium	IS 8811
63	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nitrogen	ASTM E415
64	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nitrogen	IS 228 part 23
65	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Phosphorous	ASTM E415
66	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Phosphorous	IS 8811
67	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	ASTM E415
68	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	IS 8811
69	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	ASTM E415
70	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	IS 8811
71	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tin	ASTM E415
72	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tin	IS 8811
73	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Titanium	ASTM E415

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74	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Titanium	IS 8811
75	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	ASTM E415
76	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	IS 8811
77	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Zirconium	ASTM E415
78	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Zirconium	IS 8811
79	CHEMICAL- METALS & ALLOYS	CAST IRON	Copper	ASTM E1999
80	CHEMICAL- METALS & ALLOYS	CAST IRON	Sulphur	ASTM E1999
81	CHEMICAL- METALS & ALLOYS	CAST IRON	Carbon	ASTM E1999
82	CHEMICAL- METALS & ALLOYS	CAST IRON	Chromium	ASTM E1999
83	CHEMICAL- METALS & ALLOYS	CAST IRON	Manganese	ASTM E1999
84	CHEMICAL- METALS & ALLOYS	CAST IRON	Molybdenum	ASTM E1999
85	CHEMICAL- METALS & ALLOYS	CAST IRON	Nickel	ASTM E1999
86	CHEMICAL- METALS & ALLOYS	CAST IRON	Phosphorous	ASTM E1999
87	CHEMICAL- METALS & ALLOYS	CAST IRON	Silicon	ASTM E1999
88	CHEMICAL- METALS & ALLOYS	CAST IRON	Tin	ASTM E1999
89	CHEMICAL- METALS & ALLOYS	CAST IRON	Titanium	ASTM E1999
90	CHEMICAL- METALS & ALLOYS	CAST IRON	Vanadium	ASTM E1999
91	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Bismuth	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Aluminium	BS EN 15079

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93	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Antimony	BS EN 15079
94	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Arsenic	BS EN 15079
95	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Chromium	BS EN 15079
96	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Cobalt	BS EN 15079
97	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Iron	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Lead	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Magnesium	BS EN 15079
100	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Manganese	BS EN 15079
101	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Nickel	BS EN 15079
102	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Phosphorous	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Silicon	BS EN 15079
104	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Silver	BS EN 15079
105	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Sulphur	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Tin	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Zinc	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Boron	ASTM E3047
109	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Zirconium	ASTM E3047
110	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Carbon	ASTM E3047
111	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Chromium	ASTM E3047

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112	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Molybdenum	EMS/QS/03
113	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Nitrogen	EMS/QS/03
114	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Silicon	ASTM E3047
115	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Silicon	EMS/QS/03
116	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Sulphur	ASTM E3047
117	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Tungsten	EMS/QS/03
118	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Aluminium	ASTM E3047
119	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Cobalt	ASTM E3047
120	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Copper	ASTM E3047
121	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Copper	EMS/QS/03
122	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Iron	ASTM E3047
123	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Manganese	ASTM E3047
124	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Molybdenum	ASTM E3047
125	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Niobium	ASTM E3047
126	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Phosphorous	ASTM E3047
127	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Titanium	ASTM E3047
128	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Tungsten	ASTM E3047
129	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Vanadium	ASTM E3047
130	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Copper	ASTM E 1086

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131	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Carbon	ASTM E1086
132	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Copper	IS 9879
133	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Molybdenum	ASTM E 1086
134	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Molybdenum	IS 9879
135	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	IS 9879
136	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Niobium	EMS/QS/01
137	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Sulphur	IS 9879
138	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Titanium	EMS/QS/01
139	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Tungsten	EMS/QS/01
140	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	ASTM E1086
141	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	EMS/QS/01
142	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Aluminium	EMS/QS/01
143	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Boron	EMS/QS/01
144	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Carbon	IS 9879
145	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	ASTM E1086
146	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	IS 9879
147	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Cobalt	EMS/QS/01
148	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	IS 9879
149	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	ASTM E 1086

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150	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	EMS/QS/01
151	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nitrogen	IS 228 part 23
152	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Phosphorous	ASTM E 1086
153	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Phosphorous	IS 9879
154	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Silicon	ASTM E 1086
155	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Silicon	IS 9879
156	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Sulphur	ASTM E 1086
157	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Vanadium	EMS/QS/01
158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM B557
159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM B557
160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (R A)	ASTM B557
161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM B557
162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Yield Stess)	ASTM B557
163	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Austenitic Stainless steels	Boiling Nitric acid Test: Practice 'C'	ASTM A262
164	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Austenitic Stainless steels	Corrosion test in Nitric acid medium by measurement of loss in mass (Huey test)	BS EN ISO 3651-1
165	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Austenitic Stainless steels	Ferric Sulphate Sulphuric Acid Test: Practice B	ASTM A262

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166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Austenitic Stainless steels	Practice E (Strauss Test)	ASTM A262
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Austenitic Stainless steels	Ferric Sulphate Sulphuric Acid Test: Practice B	ASTM A763
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates	Bend Test	ASTM A264:12(
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA 263
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA264
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA265
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A 263:12(
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A264:12(
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A265:12(
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Duplex Austenitic/Ferritic Stainless Steels	Ferric Chloride Corrossion Test:Method C	ASTM A923
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Duplex Austenitic/Ferritic Stainless Steels	Impact Test (Charpy V-notch)-Method B	ASTM A923
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferritic Stainless Steels	Copper-Sulphate-16% Sulphuric Acid Test: Practice 'Z'	ASTM A763
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferritic Stainless Steels	Copper-Sulphate-50% Sulphuric Acid Test: Practice 'Y'	ASTM A763
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferritic,austenitic and ferritic-austenitic (duplex) stainless steels	Corrosion test in media containing sulfuric acid METHOD A, B and C	BS EN ISO 3651-2

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180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ASTM A370
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IBR RULE
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ASTM E290
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IS 1599
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM A370
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM E10
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Crushing Test	ASTM A370
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Crushing Test	IS 3601
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Yield stress)	BS EN ISO 6892-2

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194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test- 100 to 800Deg C (Yield Stress)	ASTM E21
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%E)	ASTM E21
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	BS EN ISO 6892-2
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	ASTM E21
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	BS EN ISO 6892-2
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	ASTM E21
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	BS EN ISO 6892-2
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Four Point BENT BEAM STRESS-Corrosion Test Method B	ASTM G39:99(
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°c to -196°c)	ASTM E23
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°c to -196°c)	ASTM A370
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°c to -196°c)	BS EN ISO 148-1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°c to -196°c)	IS 1757 Part 1
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	ASTM E340
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	ASTM E381

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208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	IS 11371
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	IS 1586 (Part 1)
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM E18
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM A370
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	BS EN ISO 6508-1
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM A370
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM E18
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	BS EN ISO 6508-1
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	IS 1586: (Part 1)
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking (SSC) Stress Corrosion Cracking (SCC) METHOD A,	NACE TM 0177
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking (SSC) Stress Corrosion Cracking (SCC) METHOD B	NACE TM 0177
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM E8/8M
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM A370
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	IBR RULE

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222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	IS 1608 : Part 1
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	BS EN ISO 6892-1
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM A370
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IS 1608 : Part 1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	JIS Z 2241
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM E8/8M
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	BS EN ISO 6892-1
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IBR RULE
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM A370
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM E8/8M
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	BS EN ISO 6892-1
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	IBR RULE
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	IS 1608 : Part 1
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	IBR RULE

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236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	IS 1608 : Part 1
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM A370
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM E8/8M
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 6892-1
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM A370
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	BS EN ISO 6892-1
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	IBR RULE
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM E8/8M
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	IS 1608 : Part 1
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	ASTM E92
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	BS EN ISO 6507-1
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	IS 1501:part-1
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	ASTM E92
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	BS EN ISO 6507-1

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250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	IS 1501:part-1
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	BS EN ISO 7438
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%E)	IS 1608 : Part 2
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	IS 1608 : Part 2
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	IS 1608 : Part 2
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test- 100 to 800Deg C (Yield Stress)	IS 1608 : Part 2
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (IZOD) @ room temperature	BS 131 (Part 1)
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (IZOD) @ room temperature	IS 1598
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	BS EN ISO 17639
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	IS 11371
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking & Stress Corrosion Cracking - Method C	NACE TM0177
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	JIS Z 2241
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (1% Proof Stress)	IS 1608 : Part 1
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	JIS Z 2241

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264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	JIS Z 2241
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	JIS Z 2241
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Through Thickness Tensile (%RA)	ASTM A370
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Through Thickness Tensile (%RA)	BS EN ISO 6892-1
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Proof Load test	ASTM A193
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Proof Load test	ASTM A194
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Proof Load test	IS 1367 (Part 6)
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Tensile test under wedge load	IS 1367 (Part 3)
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FerrousMetals & Alloys (Wrought Cast & Welded Stainless Steels)	Chloride Stress Corrosion Cracking Test in boiling MgCl2 / CaCl2 Solution	ASTM G36 (2018)
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel Rich Chromium Bearing Alloys	IGC Method A	ASTM G28:02(
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	IS 1608 : Part 1
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM E10
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1

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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Yield Stress)	BS EN ISO 6892-2
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	BS EN ISO 6892-2
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	ASTM E21
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	ASTM E21
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	BS EN ISO 6892-2
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	BS EN ISO 6892-2
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test: 100 to 800 Deg C (Yield Stress)	ASTM E21
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test: 100 to 800 Deg C (Ultimate Tensile Strength)	ASTM E21
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Flaring/ Drift Expansion Test	ASTM B153:11(
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Flattening Test	ASTM B111
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	IS 1586: Part 1

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292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM E18
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	BS EN ISO 6508-1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM E18
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	IS 1586: Part 1
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	BS EN ISO 6508-1
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	BS EN ISO 6892-1
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM E8/8M
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2%Proof Stress)	IS 1608 : Part 1
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM E8/8M
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	BS EN ISO 6892-1
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IS 1608 : Part 1
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM E8/8M
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	BS EN ISO 6892-1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	IS 1608 : Part 1

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306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM E8/8M
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 6892-1
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile strength)	IS 1608 : Part 1
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	BS EN ISO 6892-1
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM E8/8M
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	ASTM E92
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	BS EN ISO 6507-1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	IS 1501:part-1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	ASTM E92
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	BS EN ISO 6507-1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	IS 1501:part-1
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Bend Test	BS EN ISO 8491
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Bend Test	IS 2329
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	ASTM A370

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320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	IBR RULE
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	IS 2330
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	API 5L
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	ASTM A370
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	IBR RULE
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	IS 2335
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flatenning Test	IS 2328
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A450/450M
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A 999/999M
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A1016/1016M
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A370
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	BS EN ISO 8492
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	ASTM A370
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	ASTM A1016/1016M

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334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	A1016/1016M
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	ASTM A999
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	IS 2328
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipeline & Pressure Vessel Steel	Hydrogen-Induced Cracking Test (HIC)	NACE TM 0284
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel,Duplex /Nickel Based Alloys	Method A: Pitting Test	ASTM G48:11(
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel,Duplex /Nickel Based Alloys	Method B: Crevice Test	ASTM G48:11(
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel,Duplex /Nickel Based Alloys	Critical pitting temperature test (Method C)	ASTM G48:11(
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Stainless Steel,Duplex /Nickel Based Alloys	Ferric Chloride pitting test (Method A)	ASTM G48:11(
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars	MASS/Unit Length	IS 1786
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars	RE-BEND TEST	IS 1786
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	ANSI AWS D1.1/D1.1M
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	API 1104
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	ASME SEC.IX
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	AWS B4.0

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348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	ANSI AWS D1.1/D1.1M
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	API 1104
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	ASTM E190
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	AWS B4.0
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	BS EN ISO 5173
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	ASTM A370
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	ASTM E10
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	BS EN ISO 9017
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	ANSI AWS D1.1/D1.1M

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362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	API 1104
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	ASME SEC.IX
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	EIL 6.15.0003
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	ASME SEC.IX
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	BS EN ISO 17639
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	ANSI AWS D1.1/D1.1M
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	API 1104
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	AWS B4.0
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	ASTM E18
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	ASTM A370
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	BS EN ISO 6508-1
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	IS 1586: Part 1
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	ASTM A370
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	ASTM E18

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376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	BS EN ISO 6508-1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	IS 1586: Part 1
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tear Test	ASME SEC.IX
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tear Test	EIL 6.15.0003
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile strength)	API 1104
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	IBR RULE
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	IS 2825
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	ASME SEC.IX
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	AWS B4.0
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 15614-1
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	ASTM E92
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	BS EN ISO 6507-1
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	BS EN ISO 9015-1
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	IS 1501:part-1

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390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	ASTM E92
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	BS EN ISO 6507-1
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	BS EN ISO 9015-1
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	IS 1501:part-1
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	PEEL TEST	ASME SEC.IX
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Pullout Test	ASME SEC.IX
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	ANSI AWS D1.1/D1.1M
397	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steels	Oxalic Acid etch Test: Practice A	ASTM A262
398	MECHANICAL-METALLOGRAPHY TEST	CAST IRON	Microstructure Characterization	ASTM A247
399	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic/Ferritic Stainless Steels	Sodium Hydroxide Etch Test Method A	ASTM A923
400	MECHANICAL-METALLOGRAPHY TEST	Duplex Steel	Phase Content by fraction Volume Fraction	ASTM E562
401	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Oxalic Acid etch Test: Practice 'W'	ASTM A763
402	MECHANICAL-METALLOGRAPHY TEST	Ferrous and non ferrous coated products	Coating Thickness by Microscopic method	ASTM B487
403	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	ASTM E112
404	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	IS 4748
405	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	CASE Depth Measurement(Microscopic)	IS 6416

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406	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Depth of Decarburisation	ASTM E1077:14(
407	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Depth of Decarburisation	IS 6396
408	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	SEP 1614
409	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	ASM VOL 9
410	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	IS 1865
411	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	IS 7754
412	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	SEP 1520
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating (Method A, D)	ASTM E45
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating By comparison	IS 4163
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating By comparison-Method :K	DIN-50602
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating Method A, B	ISO 4967
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating. Method A,B	SEP 1572
418	MECHANICAL-METALLOGRAPHY TEST	Mettalic Coatings	Coating Thickness by Microscopic method	IS 3203
419	MECHANICAL-METALLOGRAPHY TEST	Other Non-Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	ASTM E112
420	MECHANICAL-METALLOGRAPHY TEST	Other Non-Ferrous Materials, Alloys & Products	Microstructure Characterization	ASM VOL 9