National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : HERTZ TESTING AND TRAINING CENTRE, D-47, PANCHRATNA INDUSTRIAL ESTATE, VATVA GIDC, VATVA, AHMEDABAD, GUJARAT, 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- METALS & ALLOYS	Aluminium	Silicon	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminum	Chromium	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Aluminum	Copper	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminum	Iron	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Aluminum	Magnesium	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminum	Manganese	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Aluminum	Nickel	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminum	Tin	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Aluminum	Titanium	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminum	Zinc	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminum	ASTM E 415
12	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminum	IS 8811
13	CHEMICAL- METALS & ALLOYS	Carbon Steel	Aluminum	JIS G 1253
14	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	ASTM E 415
15	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	IS 8811
16	CHEMICAL- METALS & ALLOYS	Carbon Steel	Carbon	JIS G 1253
17	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	IS 8811

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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
19	CHEMICAL- METALS & ALLOYS	Carbon Steel	Chromium	JIS G 1253
20	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	ASTM E 415
21	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	IS 8811
22	CHEMICAL- METALS & ALLOYS	Carbon Steel	Copper	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel	Manganese	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	ASTM E 415
27	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon Steel	Molybdenum	JIS G 1253
29	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	ASTM E 415
30	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nickel	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nitrogen	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nitrogen	IS 8811
34	CHEMICAL- METALS & ALLOYS	Carbon Steel	Nitrogen	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	ASTM E 415
36	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon Steel	Phosphorus	JIS G 1253

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38	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	ASTM E 415
39	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	IS 8811
40	CHEMICAL- METALS & ALLOYS	Carbon Steel	Silicon	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur	ASTM E 415
42	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur	IS 8811
43	CHEMICAL- METALS & ALLOYS	Carbon Steel	Sulfur	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon Steel	Vanadium	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	ASTM E 1999
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G 1253
50	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E 1999
51	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
52	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
53	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E 1999
54	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
55	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E 1999

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57	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
58	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G 1253
59	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	ASTM E 1999
60	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	IS 15338
61	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E 1999
63	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
64	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E 1999
66	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
67	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E 1999
69	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
70	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G 1253
71	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E 1999
72	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 15338
73	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E 1999
75	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338

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76	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
77	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	ASTM E 1999
78	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	IS 15338
79	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	JIS G 1253
80	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E 1999
81	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	IS 15338
82	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	ASTM E 1999
84	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	IS 15338
85	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	JIS G 1253
86	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E 1999
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G 1253
89	CHEMICAL- METALS & ALLOYS	Copper	Aluminium	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper	Antimony	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper	Iron	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Copper	Lead	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Copper	Manganese	BS EN 15079
94	CHEMICAL- METALS & ALLOYS	Copper	Nickel	BS EN 15079

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
95	CHEMICAL- METALS & ALLOYS	Copper	Phosphorus	BS EN 15079
96	CHEMICAL- METALS & ALLOYS	Copper	Silicon	BS EN 15079
97	CHEMICAL- METALS & ALLOYS	Copper	Tin	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	Copper	Zinc	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	ASTM E 1086
100	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	IS 9879
101	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
103	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
104	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E 1086
106	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
107	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
108	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
109	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086
112	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
114	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	ASTM E 1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E 1086
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
126	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	ASTM E 1086
127	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
128	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	JIS G 1253
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	ASTM E 1086
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	IS 9879
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulfur	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E 1086

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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
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ASTM E 1086
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASTM A 370
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test	ASTM A 370
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test	ASTM E290
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test	IS 1239
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test	IS 1599
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test for welded specimen	ASME Sec IX
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test for welded specimen	ASTM E190
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test for welded specimen	EN 5173
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test for welded specimen (Transverse)	IS 3600 (Part 6)
147	MECHANICAL- MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Bend Test for welded specimen(longitudinal)	IS 3600 (Part 7)

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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
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	ASTM A 370
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	ASTM E 10
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	IS 1500 (Part 1)
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	ISO 6506-1
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Charpy Impact Test	ASTM A 370
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Charpy Impact Test	ASTM E 23
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Charpy Impact Test	EN ISO 148-1
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Charpy Impact Test	IS 1757 Part-1
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	ASTM A 370
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	ASTM E8
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	EN 15614-1
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	IBR REG. 1950
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	IS 1608 (Part 1)
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Elongation	ISO 6892-1

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162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	ASME Sec. II SA 770
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	ASTM A 370
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	ASTM E8
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	EN 15614-1
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	IBR REG. 1950
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	IS 1608 (Part 1)
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Reduction of Area	ISO 6892-1
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18

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176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	API 1104
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASME Sec IX

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190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASME Sec. II SA 770
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASTM A 370
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASTM E8
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ASTM E8/E8M
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	IBR REG. 1950
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	IBR REG. 1950
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	IS 1608
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	IS 1608 (Part 1)
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ISO 6892
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Ultimate Tensile Strength	ISO 6892-1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ASTM A 370
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ASTM A 370
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ASTM E 92
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ASTM E 92

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204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	IS 1501 Part 1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	IS 1501 Part 1
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ISO 6507-1
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Vickers Hardness Test	ISO 6507-1
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Welded specimen	EN 15614-1
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASME Sec. II SA 770
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASME Sec. II SA 770
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM A 370
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield stress (0.2% / 1.0% Proof Stress)	ASTM A 370
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8 / E8M
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Nuts	Proof Load - Nuts	ASTM A 194
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Nuts	Proof Load – Nuts	ASTM A 370
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Nuts	Proof Load – Nuts	IS 1367 (Part 6)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tube to Tube Sheet Mock Up	Pull Out Test / Push Out Test	ASME Sec. VIII Div. 1
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	ASTM A 370
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	ASTM A1016/A1016M
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	ASTM A370
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8493
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	IS 2335
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A 370
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A1016 / A1016M

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232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A999 / A999M
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flattening Test	BS EN ISO 8492
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material Tubes & Pipes	Flattening Test	IS 2328
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Ferrous Metallic Material(Welded material)	Charpy Impact Test	IS 3600 (Part 2)
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All ferrous metallic materials	Ultimate Tensile Strength	ASME Sec. II SA 770
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Bend Test	ASTM E290
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Bend Test	IS 1599
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	ASTM E 10
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	IS 1500 (Part 1)
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Brinell Hardness Test(2.5/187.5)	ISO 6506-1
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Charpy Impact Test	ASTM E 23
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Charpy Impact Test	EN ISO 148-1
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Charpy Impact Test	IS 1757 (Part 1)
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Charpy Impact Test	IS 3600 (Part 2)

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246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Elongation	ASTM E8
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Elongation	IBR REG. 1950
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Elongation	IS 1608 (Part 1)
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Elongation	ISO 6892-1
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Reduction of Area	ASTM E8
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Reduction of Area	IBR REG. 1950
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Reduction of Area	IS 1608 (Part 1)
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Reduction of Area	ISO 6892-1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM A 370
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18

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260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ASTM E 18
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	IS 1586 Part 1 & 3
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Rockwell Hardness Test	ISO 6508-1

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274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	ASTM E8
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	ASTM E8
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	IBR REG. 1950
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	IBR REG. 1950
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	IS 1608 (Part 1)
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	IS 1608 (Part 1)
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	ISO 6892
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Ultimate Tensile Strength	ISO 6892 -1
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	ASTM E 92
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	ASTM E 92
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	IS 1501-1
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	IS 1501-1
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	ISO 6507-1
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Vickers Hardness Test	ISO 6507-1

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288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Nuts	Proof Load - Nuts	ASTM A 194
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Nuts	Proof Load - Nuts	ASTM A 370
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Nuts	Proof Load - Nuts	IS 1367 (Part 6)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	ASTM A1016/A1016M
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8492
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8493

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302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8494
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flaring Test and Flange Test	IS 2335
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A 370
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A1016 / A1016M
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flattening Test	ASTM A999 / A999M
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flattening Test	BS EN ISO 8492
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Material Tubes & Pipes	Flattening Test	IS 2328
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	All Non-Ferrous Metallic Materials Tube to Tube Sheet Mock Up	Pull Out Test / Push Out Test	ASME Sec VIII Division 1 Non-mandatory Appendix A
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel and nickel alloys	Elongation	EN 15614-1
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel and nickel alloys	Reduction of Area	EN 15614-1
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel and nickel alloys	Yield Stress (0.2% / 1.0% Proof Stress)	EN 15614-1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nickel and nickel alloys	Yield Stress (0.2% / 1.0% Proof Stress)	EN 15614-1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Weld Test Specimens	Bend Test	ASME Sec IX
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Weld Test Specimens	Bend Test	IS 1599

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316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASTM A 370
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASTM E190
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASTM E290
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	EN 5173
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	IS 1239
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	IS 3600 (Part 6)
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	IS 3600 (Part 7)
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test(2.5/187.5)	ASTM A 370
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test(2.5/187.5)	ASTM E 10
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test(2.5/187.5)	EN 1043-1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test(2.5/187.5)	IS 1500 (Part 1)
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test(2.5/187.5)	ISO 6506-1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Charpy Impact Test	ASTM A 370
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Charpy Impact Test	ASTM E 23

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330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Charpy Impact Test	EN ISO 148-1
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Charpy Impact Test	IS 1757 (Part 1)
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Charpy Impact Test	IS 3600 (Part 2)
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Cruciform tensile test	IS 3600 (Part 1)
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Cruciform tensile test	IS 3600 (Part 1)
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	ASTM A 370
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	ASTM E8
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	EN 15614-1
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	IBR REG. 1950
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	IS 1608 (Part 1)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	ISO 5178
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Elongation	ISO 6892-1
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	ASME Sec. II SA 770
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	ASTM A 370

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344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	ASTM E8
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	EN 15614-1
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	IBR REG. 1950
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	IS 1608 (Part 1)
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	ISO 5178
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Reduction of Area	ISO 6892-1
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM A 370
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM A 370
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM E 18
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM E 18
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	IS 1586 Part 1 & 3
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	IS 1586 Part 1 & 3
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	IS 1586 Part 1 & 3
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ISO 6508-1

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358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ISO 6508-1
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM A 370
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM A 370
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM A 370
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM E 18
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM E 18
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ASTM E 18
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	IS 1586 Part 1 & 3
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	IS 1586 Part 1 & 3
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ISO 6508-1
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ISO 6508-1
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test	ISO 6508-1
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	API 1104
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	API 1104

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372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASME Sec. II SA 770
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASME Sec. II SA 770
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASME Sec. IX
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASME Sec. IX
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASTM A 370
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASTM A 370
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASTM E8
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ASTM E8
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	EN 15614-1
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	EN 15614-1
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	EN 4136
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	EN 4136
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	IBR REG. 1950
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	IBR REG. 1950

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386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	IS 1608 (Part 1)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	IS 1608 (Part 1)
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ISO 5178
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ISO 5178
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ISO 6892
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Strength	ISO 6892-1
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ASTM A 370
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ASTM A 370
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ASTM E 92
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ASTM E 92
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	IS 1501-1
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	IS 1501-1
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ISO 6507-1
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test	ISO 6507-1

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400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded sample	Elongation	ISO 5178
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Bend Test	ASME Sec IX
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Bend Test	ASTM E190
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Bend Test	EN 5173
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Elongation	ISO 5178
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Reduction of Area	ISO 5178
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	API 1104
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ASME Sec IX
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ASME Sec. IX
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ASME Sec. IX
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	EN 15614-1
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	EN 4136
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	EN 4136
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ISO 4136

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414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ISO 4136
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ISO 5178
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ISO 5178
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Ultimate Tensile Strength	ISO 5178
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 5178
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 5178
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen (Steel ,Nickel and nickel alloys)	Ultimate Tensile Strength	EN 15614-1
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen (Steel ,Nickel and nickel alloys)	Ultimate Tensile Strength	EN 15614-1
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen.	Reduction of Area	ISO 5178
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded specimen.	Ultimate Tensile Strength	ISO 5178
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Vickers Hardness Test	ASTM A 370
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASME Sec. II SA 770
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASME Sec. II SA 770
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM A 370

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428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM A 370
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ASTM E8
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	EN 15614-1
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	EN 15614-1
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	IBR REG. 1950
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	IS 1608 (Part 1)
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 5178
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 5178
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Yield Stress (0.2% / 1.0% Proof Stress)	ISO 6892-1
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tube to Tube Sheet Mock Up	Pull Out Test / Push Out Test	ASME Sec. VIII Div. 1

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442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flaring Test and Flange Test	ASTM A 370
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flaring Test and Flange Test	ASTM A1016/A1016M
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8493
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flaring Test and Flange Test	BS EN ISO 8494
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flaring Test and Flange Test	IS 2335
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flattening Test	ASTM A 370
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flattening Test	ASTM A1016 / A1016M
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flattening Test	ASTM A999 / A999M
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flattening Test	BS EN ISO 8492
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens Tubes & Pipes	Flattening Test	IS 2328
452	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	ASTM G28 Method A	ASTM G 28
453	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Detrimental Intermetallic Phase - Method 'A' - Corrosion Test	ASTM A 923
454	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Detrimental Intermetallic Phase - Method 'C' - Corrosion Test	ASTM A 923
455	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Grain Size Measurement	ASM Handbook Vol-9

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456	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Grain Size Measurement	ASTM E 112
457	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Grain Size Measurement	IS 4748
458	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Graphite Structure and Matrix	ASTM A 247
459	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Graphite Structure and Matrix	IS 1865
460	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Graphite Structure and Matrix	IS 7754
461	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	IGC Test Practice ‘A’ - Corrosion Test	ASTM A 262
462	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	IGC Test Practice ‘B’ - Corrosion Test	ASTM A 262
463	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	IGC Test Practice ‘C’ - Corrosion Test	ASTM A 262
464	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	IGC Test Practice ‘E’ - Corrosion Test	ASTM A 262
465	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Inclusion Rating	ASTM E 45
466	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Inclusion Rating	IS 4163
467	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	ASME Sec IX
468	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	ASTM E 340
469	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	ASTM E 381
470	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	EN ISO 15614-1
471	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	EN ISO 17639
472	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Macro Etch Test	IS 3600 (Part 9)
473	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Microstructure	ASM Handbook Vol-9
474	MECHANICAL-METALLOGRAPHY TEST	All Ferrous Metallic Material	Microstructure	ASTM E 407

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475	MECHANICAL-METALLOGRAPHY TEST	All Non-Ferrous Metallic Material	ASTM G28 Method A	ASTM G28
476	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Detrimental Intermetallic Phase - Method 'A' - Corrosion Test	ASTM A 923
477	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Detrimental Intermetallic Phase - Method 'C' - Corrosion Test	ASTM A 923
478	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Grain Size Measurement	ASTM E 112
479	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Grain Size Measurement	ASTM E112
480	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Grain Size Measurement	IS 4748
481	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	IGC Test Practice ‘A’ - Corrosion Test	ASTM A 262
482	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	IGC Test Practice ‘B’ - Corrosion Test	ASTM A 262
483	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	IGC Test Practice ‘C’ - Corrosion Test	ASTM A 262
484	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	IGC Test Practice ‘E’ - Corrosion Test	ASTM A 262
485	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	ASME Sec IX
486	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	ASTM E 340
487	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	ASTM E 381
488	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	EN ISO 15614-1
489	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	EN ISO 17639
490	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Macro Etch Test	IS 3600 (Part 9)
491	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Microstructure	ASM Handbook Volume 9
492	MECHANICAL-METALLOGRAPHY TEST	Welds & Welded Test Specimens	Microstructure	ASTM E 407

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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
493	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic and Non-Ferromagnetic	Eddy Current Testing (Tube testing)	ASME Sec. XI Appendix 4
494	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic and Non-Ferromagnetic	Eddy Current Testing (Tube testing)	ASME Sec.V : Article 8
495	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Prod & Coil) (Visible & Fluorescent)	ASME Sec.V Article 25 SE 709
496	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Prod & Coil) (Visible & Fluorescent)	ASME Sec.V Article 7
497	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Yoke) (Visible & Fluorescent)	ASME Sec.V Article 25 SE 709
498	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Yoke) (Visible & Fluorescent)	ASME Sec.V Article 7
499	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous , Non Ferrous	Thickness Measurement (Contact Method)	ASME Sec. V Article 23 SE 797
500	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Contact Method	ASME Sec. V Article 23 SA 609
501	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiography Using Gamma Rays (ir – 92)	ASME B 16.34
502	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiography Using Gamma Rays (ir – 92)	ASME Sec. V Article 2 & 22
503	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Forging	Contact Method	ASME Sec. V Article 23 SA 388
504	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Forging	Contact Method	ASME Sec. V Article 23 SA 745
505	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 435
506	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 577
507	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 578
508	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	IS11630
509	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Tube & Pipe Weld	Contact Method	ASME Sec V Article 23 SA 213
510	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Tube & pipe Weld	Contact Method	ASME Sec.V Article 23, SA 273
511	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weldments	Contact Method	ASME Sec. V Article 4

SCOPE OF ACCREDITATION

Laboratory Name :	HERTZ TESTING AND TRAINING CENTRE, D-47, PANCHRATNA INDUSTRIAL ESTATE, VATVA GIDC, VATVA, AHMEDABAD, GUJARAT, 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
512	NON-DESTRUCTIVE-METALS & ALLOYS	Non-Porous Materials, Ferrous & Non-Ferrous - Plate, Pipe, Weldments Casting	Liquid Penetrant Examination	ASME Sec. V Article 24 SE 165
513	NON-DESTRUCTIVE-METALS & ALLOYS	Non-Porous Materials, Ferrous & Non-Ferrous - Plate, Pipe, Weldments Casting	Liquid Penetrant Examination	ASME Sec. V Article 6
514	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments	Radiography Using Gamma Rays (ir – 92)	ASME Sec. V Article 2 & 22 SE 94

SCOPE OF ACCREDITATION

Laboratory Name : HERTZ TESTING AND TRAINING CENTRE, D-47, PANCHRATNA INDUSTRIAL ESTATE, VATVA GIDC, VATVA, AHMEDABAD, GUJARAT, INDIA

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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
Site Facility				
1	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic and Non-Ferromagnetic	Eddy Current Testing (Tube testing)	ASME Sec. XI Appendix 4
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic and Non-Ferromagnetic	Eddy Current Testing (Tube testing)	ASME Sec.V : Article 8
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Prod & Coil) (Visible & Fluorescent)	ASME Sec.V Article 25 SE 709
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Prod & Coil) (Visible & Fluorescent)	ASME Sec.V Article 7
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Yoke) (Visible & Fluorescent)	ASME Sec.V Article 25 SE 709
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferromagnetic Materials - Weldments, Casting, Forging, Pipe	Magnetic Particle Test (Yoke) (Visible & Fluorescent)	ASME Sec.V Article 7
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous , Non Ferrous	Thickness Measurement (Contact Method)	ASME Sec. V Article 23 SE 797
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Contact Method	ASME Sec. V Article 23 SA 609
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiography Using Gamma Rays (ir – 92)	ASME B 16.34
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Casting	Radiography Using Gamma Rays (ir – 92)	ASME Sec. V Article 2 & 22
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Forging	Contact Method	ASME Sec. V Article 23 SA 388
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Forging	Contact Method	ASME Sec. V Article 23 SA 745
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 435
14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 577
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	ASME Sec. V Article 23 SA 578
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Plate	Contact Method	IS11630
17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Tube & Pipe Weld	Contact Method	ASME Sec V Article 23 SA 213
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Tube & pipe Weld	Contact Method	ASME Sec.V Article 23, SA 273

SCOPE OF ACCREDITATION

Laboratory Name :	HERTZ TESTING AND TRAINING CENTRE, D-47, PANCHRATNA INDUSTRIAL ESTATE, VATVA GIDC, VATVA, AHMEDABAD, GUJARAT, INDIA		
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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
19	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Weldments	Contact Method	ASME Sec. V Article 4
20	NON-DESTRUCTIVE-METALS & ALLOYS	Non-Porous Materials, Ferrous & Non-Ferrous - Plate, Pipe, Weldments Casting	Liquid Penetrant Examination	ASME Sec. V Article 24 SE 165
21	NON-DESTRUCTIVE-METALS & ALLOYS	Non-Porous Materials, Ferrous & Non-Ferrous - Plate, Pipe, Weldments Casting	Liquid Penetrant Examination	ASME Sec. V Article 6
22	NON-DESTRUCTIVE-METALS & ALLOYS	Weldments	Radiography Using Gamma Rays (ir – 92)	ASME Sec. V Article 2 & 22 SE 94