National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : ADVANCE METALLURGICAL SERVICES, A1-265/12 , BANK OF BARODA LANE, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 24/04/2022 to 23/04/2024 **Last Amended on** 18/06/2022

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 & its Alloys	Bismuth (Bi)	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Bismuth (Bi)	JIS H1305
3	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium (Cr)	ASTM E1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium (Cr)	IS 11035
5	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium (Cr)	JIS H1305
6	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper (Cu)	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper (Cu)	IS 11035
8	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper (Cu)	JIS H1305
9	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron (Fe)	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron (Fe)	IS 11035
11	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron (Fe)	JIS H1305
12	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead (Pb)	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead (Pb)	JIS H1305
14	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium (Mg)	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium (Mg)	IS 11035
16	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium (Mg)	JIS H1305
17	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese (Mn)	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese (Mn)	IS 11035

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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	Aluminium & its Alloys	Manganese (Mn)	JIS H1305
20	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel (Ni)	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel (Ni)	JIS H1305
22	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon (Si)	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon (Si)	IS 11035
24	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon (Si)	JIS H1305
25	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin (Sn)	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin (Sn)	JIS H1305
27	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium (Ti)	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium (Ti)	IS 11035
29	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium (Ti)	JIS H1305
30	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc (Zn)	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc (Zn)	IS 11035
32	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc (Zn)	JIS H1305
33	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminum (Al)	ASTM E415
34	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminum (Al)	IS 8811
35	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminum (Al)	JIS G1253
36	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Boron (B)	IS 8811
37	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Boron (B)	JIS G1253

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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
38	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Boron (B)	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon (C)	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon (C)	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon (C)	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium (Cr)	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium (Cr)	IS 8811
44	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium (Cr)	JIS G1253
45	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt (Co)	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt (Co)	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt (Co)	JIS G1253
48	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper (Cu)	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper (Cu)	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper (Cu)	JIS G1253
51	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese (Mn)	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese (Mn)	IS 8811
53	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese (Mn)	JIS G1253
54	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum (Mo)	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum (Mo)	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum (Mo)	JIS G1253

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57	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel (Ni)	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel (Ni)	IS 8811
59	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel (Ni)	JIS G1253
60	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Niobium (Nb)	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Niobium (Nb)	IS 8811
62	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Niobium (Nb)	JIS G1253
63	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nitrogen (N)	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nitrogen (N)	JIS G1253
65	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorus (P)	ASTM E415
66	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorus (P)	IS 8811
67	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorus (P)	JIS G1253
68	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon (Si)	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon (Si)	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon (Si)	JIS G1253
71	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur (S)	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur (S)	IS 8811
73	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Sulphur (S)	JIS G1253
74	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Titanium (Ti)	ASTM E415
75	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Titanium (Ti)	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
76	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Titanium (Ti)	JIS G1253
77	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Tungsten (W)	JIS G1253
78	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium (V)	ASTM E415
79	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium (V)	IS 8811
80	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium (V)	JIS G1253
81	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Aluminum (Al)	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Antimony (Sb)	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Arsenic (As)	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Bismuth (Bi)	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Cobalt (Co)	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Iron (Fe)	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Lead (Pb)	BS EN 15079
88	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Magnesium (Mg)	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Manganese (Mn)	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Nickel (Ni)	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Phosphorous (P)	BS EN 15079
92	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Silicon (Si)	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Sulphur (S)	BS EN 15079
94	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Tin (Sn)	BS EN 15079

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95	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Zinc (Zn)	BS EN 15079
96	CHEMICAL- METALS & ALLOYS	Ferrous & it's Alloys & Products / Zinc Coated iron and Steel Products	Mass of Zinc Coating	IS 6745 / ASTM A90
97	CHEMICAL- METALS & ALLOYS	Ferrous , Non-Ferrous Metals It's Alloys & Products	Material identification (Chromium , Nickel , Molybdenum , Copper , Manganese , Vanadium , Titanium, Tungsten, Cobalt , iron)	ASTM E1476
98	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Aluminum (Al)	ASTM E3047
99	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Carbon (C)	ASTM E3047
100	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Chromium (Cr)	ASTM E3047
101	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Cobalt (Co)	ASTM E3047
102	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Copper (Cu)	ASTM E3047
103	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Iron (Fe)	ASTM E3047
104	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Manganese (Mn)	ASTM E3047
105	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Molybdenum (Mo)	ASTM E3047
106	CHEMICAL- METALS & ALLOYS	Nickel & its Alloys	Silicon (Si)	ASTM E3047
107	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Boron (B)	ASTM A751
108	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Boron (B)	JIS G1253
109	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Carbon (C)	ASTM A751
110	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Carbon (C)	ASTM E1086
111	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Carbon (C)	IS 9789

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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
112	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Carbon (C)	JIS G1253
113	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Chromium (Cr)	ASTM A751
114	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Chromium (Cr)	ASTM E1086
115	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Chromium (Cr)	IS 9789
116	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Chromium (Cr)	JIS G1253
117	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Cobalt (Co)	ASTM A751
118	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Cobalt (Co)	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Copper (Cu)	ASTM A751
120	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Copper (Cu)	ASTM E1086
121	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Copper (Cu)	IS 9789
122	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Copper (Cu)	JIS G1253
123	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Manganese (Mn)	ASTM A751
124	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Manganese (Mn)	ASTM E1086
125	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Manganese (Mn)	IS 9789
126	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Manganese (Mn)	JIS G1253
127	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Molybdenum (Mo)	ASTM A751
128	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Molybdenum (Mo)	ASTM E1086
129	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Molybdenum (Mo)	IS 9789
130	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Molybdenum (Mo)	JIS G1253

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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
131	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nickel (Ni)	ASTM A751
132	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nickel (Ni)	ASTM E1086
133	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nickel (Ni)	IS 9789
134	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nickel (Ni)	JIS G1253
135	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Niobium (Nb)	JIS G1253
136	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nitrogen (N)	ASTM A751
137	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Nitrogen (N)	JIS G1253
138	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Phosphorus (P)	ASTM A751
139	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Phosphorus (P)	ASTM E1086
140	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Phosphorus (P)	IS 9789
141	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Phosphorus (P)	JIS G1253
142	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Silicon (Si)	ASTM A751
143	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Silicon (Si)	ASTM E1086
144	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Silicon (Si)	IS 9789
145	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Silicon (Si)	JIS G1253
146	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Sulphur (S)	ASTM A751
147	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Sulphur (S)	ASTM E1086
148	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Sulphur (S)	IS 9789
149	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Sulphur (S)	JIS G1253

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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
150	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Titanium (Ti)	ASTM A751
151	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Titanium (Ti)	JIS G1253
152	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Vanadium (V)	ASTM A751
153	CHEMICAL- METALS & ALLOYS	Stainless Steels & its Alloy	Vanadium (V)	JIS G1253
154	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated & Plated products	Coating Thickness Measurements	IS 6745
155	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated & Plated products	Coating Thickness Measurements	ASTM B499
156	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated & Plated products	Coating Thickness Measurements	ISO 2178
157	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	ASME SA-370
158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	ASTM A370
159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	ASTM E8/8M
160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	BS EN ISO 6892(Part-1)
161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	GOST 1497
162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	IS 1608(Part-1)
163	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	IS 1786
164	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	ISO 6892 (Part-1)

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165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	% Elongation	JIS Z-2241
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	ASME SA-370
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	ASTM A370
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	ASTM E8/8M
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	BS EN ISO 6892(Part-1)
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	GOST-1497
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	IS 1608(Part-1)
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	ISO 6892 (Part-1)
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	%Reduction of Area	JIS Z-2241
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASME SA-370
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASTM A370
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASTM E8/8M
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	BS EN ISO 6892(Part-1)
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	GOST 1497

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179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	IS 1608(Part-1)
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	IS 1786
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	ISO 6892 (Part-1)
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.2% Proof strength (0.2% Proof stress)	JIS Z-2241
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASME SA-370
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASTM A370
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASTM E8/8M
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	BS EN ISO 6892(Part-1)
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	GOST 1497
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	IS 1608(Part-1)
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	ISO 6892 (Part-1)
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	0.5% Proof strength (0.5% Proof stress)	JIS Z-2241
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASME SA-370
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASTM A370

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193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASTM E8/8M
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	BS EN ISO 6892(Part-1)
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	GOST 1497
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	IS 1608(Part-1)
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	ISO 6892 (Part-1)
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	1.0% Proof strength (1.0% Proof stress)	JIS Z-2241
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	ASME SA-370
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	ASTM A370
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	ASTM E190
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	ASTM E290
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	IS 1599
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	IS 1786
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	IS 2329
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	ISO 7438

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207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Bend Test	JIS Z-2248
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	ASME SA-370
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	ASTM A370
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	ASTM E8/8M
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	BS EN ISO 6892(Part-1)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	GOST 1497
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	IS 1608(Part-1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	IS 1786
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	ISO 6892 (Part-1)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Tensile Test	JIS Z-2241
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	ASME SA-370
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	ASTM A370
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	ASTM E8/8M
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	BS EN ISO 6892(Part-1)

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221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	GOST 1497
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	IS 1608(Part-1)
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	IS 1786
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	ISO 6892 (Part-1)
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & its Alloys	Yield strength (Yield stress)	JIS Z-2241
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials , Alloys & It's Products	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ASTM A370
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials , Alloys & It's Products	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ASTM E23
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials , Alloys & It's Products	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	IS 1757(Part-1)
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Materials , Alloys & It's Products	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ISO 148 (Part-1)
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ASTM A370
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ASTM E23
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	BS EN ISO - 9016
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	IS 1757(Part-1)
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	IS-3600 (Part-2)

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235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ISO - 9016
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Weld and welded test specimens	Charpy V-Notch Impact Test at ambient temperature to -196°C(Minus)	ISO 148(Part-1)
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	DIN EN ISO 15614(Part-2)
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	EN 895
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	API 1104
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	ASME Sec.IX
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	BS EN ISO 4136
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	BS EN ISO 5178
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	DIN EN ISO 15614(Part-1)
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IBR REG 1950 AND
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 2825
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 3600(Part-1)
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 3600(Part-2)
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 3600(Part-3)

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249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 3600(Part-4)
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 7307(Part-1)
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	IS 7310(Part-1)
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	ISO 15614 (Part-1)
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Welds & welded test specimen	Ultimate Tensile Strength	ISO 15614 (Part-2)
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	ASME SA 370
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	ASTM A370
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	ASTM E10
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	BS EN ISO 9015(Part-1)
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	IS 1500(Part-1)
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	ISO 6506(Part-1)
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	ISO 9015(Part-1)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Brinel Hardness Test	JIS Z 2243
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	ASME SA 370

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263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	ASTM A370
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	ASTM E18
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	IS 1586(Part-1)
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	ISO 6508(Part-1)
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRA)	JIS Z-2245
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	ASME SA 370
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	ASTM A370
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	ASTM E18
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	IS 1586(Part-1)
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	ISO 6508(Part-1)
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRB)	JIS Z-2245
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	ASME SA 370
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	ASTM A370
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	ASTM E18

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277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	IS 1586(Part-1)
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	ISO 6508(Part-1)
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Rockwell Hardness (HRC)	JIS Z-2245
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV1)	ASTM E384
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV1)	ASTM E92
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV1)	IS 1501(Part-1)
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV1)	ISO 6507(Part-1)
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV1)	JIS Z-2244(Part-1)
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	ASTM E92
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	BS EN ISO 9015(Part-1)
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	IS 1501(Part-1)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	ISO 6507(Part-1)
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	ISO 9015
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV10)	JIS Z-2244(Part-1)

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291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV30)	ASTM E92
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV30)	IS 1501(Part-1)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV30)	ISO 6507(Part-1)
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV30)	JIS Z-2244(Part-1)
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	ASTM E92
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	BS EN ISO 9015(Part-1)
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	IS 1501(Part-1)
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	ISO 6507(Part-1)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	ISO 9015
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous , Non-Ferrous Materials , Alloys & Products / Welds & Welded test Specimens	Vickers Hardness (HV5)	JIS Z-2244(Part-1)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ASME SA 370
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ASME SA 450
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ASTM A1016
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ASTM A370

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305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ASTM A450
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	IS 2335
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flaring Test / Drift Expansion Test	ISO 8493
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASME SA 370
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASME SA 450
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASME SA 530
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM A1016
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM A370
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM A450
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM A530
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM A999
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ASTM B111
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	IS 2328
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	IS 2335

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319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	IS 3589
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous base Material , Alloys & Products (Tubes & Pipes)	Flattening Test	ISO 8492
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	ASTM A370
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	ASTM A-370
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	ASTM B557
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	ASTM E8/8M
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	BS EN ISO 6892(Part-1)
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	GOST 1497
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	IS 1608(Part-1)
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	ISO 6892 (Part-1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Elongation	JIS Z-2241
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	ASME SA-370
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	ASTM A370
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	ASTM B557

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333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	ASTM E8/8M
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	BS EN ISO 6892(Part-1)
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	GOST 1497
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	IS 1608(Part-1)
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	ISO 6892 (Part-1)
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	% Reduction of Area	JIS Z-2241
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASME SA-370
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASTM A370
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASTM B557
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	ASTM E8/8M
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	BS EN ISO 6892(Part-1)
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	GOST 1497
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	IS 1608(Part-1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	ISO 6892 (Part-1)

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347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.2% Proof strength (0.2% Proof stress)	JIS Z-2241
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASME SA-370
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASTM A370
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASTM B557
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	ASTM E8/8M
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	BS EN ISO 6892(Part-1)
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	GOST 1497
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	IS 1608(Part-1)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	ISO 6892 (Part-1)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	0.5% Proof strength (0.5% Proof stress)	JIS Z-2241
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASME SA-370
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASTM A370
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASTM B557
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	ASTM E8/8M

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361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	BS EN ISO 6892(Part-1)
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	GOST 1497
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	IS 1608(Part-1)
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	ISO 6892 (Part-1)
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	1.0% Proof strength (1.0% Proof stress)	JIS Z-2241
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	ASME SA 370
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	ASTM A370
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	ASTM E190
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	ASTM E290
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	IS 1599
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	IS 2329
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Bend Test	JIS Z 2248
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	ASME SA-370
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	ASTM A370

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375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	ASTM B557
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	ASTM E8/8M
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	BS EN ISO 6892(Part-1)
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	GOST 1497
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	IS 1608(Part-1)
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	ISO 6892 (Part-1)
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Ultimate Tensile Strength	JIS Z-2241
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	ASME SA-370
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	ASTM A370
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	ASTM B557
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	ASTM E8/8M
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	BS EN ISO 6892(Part-1)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	GOST 1497
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	IS 1608(Part-1)

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389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	ISO 6892 (Part-1)
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & its Alloys	Yield strength (Yield stress)	JIS Z-2241
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Re-Bend Test	IS 1786
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Reinforcement Bar	Weight per meter measurement	IS 1786
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt)	Proof Load Test	IS 1367(Part-3)
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt)	Proof Load Test	ISO 898 (Part-1)
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt,Stud)	Wedge Tensile Load Test / Full Size-Breaking Tensile Test	ASTM A370
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt,Stud)	Wedge Tensile Load Test / Full Size-Breaking Tensile Test	ASTM F606
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt,Stud)	Wedge Tensile Load Test / Full Size-Breaking Tensile Test	IS 1367 (Part-3)
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt,Stud)	Wedge Tensile Load Test / Full Size-Breaking Tensile Test	ISO 898 (Part-1)
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt/Nut)	Proof Load Test	ASTM A 370
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt/Nut)	Proof Load Test	ASTM A370
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt/Nut)	Proof Load Test	ASTM F606
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Bolt/Nut)	Proof Load Test	ISO 898 (Part-2)

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403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Threaded Fasteners (Nut)	Proof Load Test	IS 1376(Part-6)
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	API 1104
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	ASME Sec.IX
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	DIN EN ISO 15614(Part-1)
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	DIN EN ISO 15614(Part-2)
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IBR REG 1950 AND
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 2825
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 3600(Part-5)
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 3600(Part-6)
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 3600(Part-7)
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 7307(Part-1)
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	IS 7310 (Part-1 to 5)
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	ISO 15614 (Part-1)
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	ISO 15614 (Part-2)

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417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Bend Test	ISO 5173
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Dimensional measurement by Stereo Zoom microscope	ASME Sec.IX
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Dimensional measurement by Stereo Zoom microscope	BS EN ISO 5817
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Dimensional measurement by Stereo Zoom microscope	BS EN ISO 9017
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Dimensional measurement by Stereo Zoom microscope	IBR REG 1950 AND
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	ASME Sec.IX
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	BS EN ISO 9017
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	EN 1320
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	IBR REG 1950 AND
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	IS 2825
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	IS 3600(Part-8)
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Fracture Test	ISO 9017
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	API 1104
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	ASME Sec.IX

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431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	IBR REG 1950
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	IS 2825
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	IS 3600(Part-8)
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test Specimens	Nick Break Test	IS 7307(Part-1
435	MECHANICAL-METALLOGRAPHY TEST	Cast Iron & It's Products	Designation of the Micro structure of graphite in cast iron	IS 7754
436	MECHANICAL-METALLOGRAPHY TEST	Cast Iron & It's Products	Designation of the Microstructure of graphite in cast iron	ASTM A247
437	MECHANICAL-METALLOGRAPHY TEST	Cast Iron & It's Products	Designation of the Microstructure of graphite in cast iron	ASTM E1245
438	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ASM Handbook Vol 9
439	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ASME Sec.IX
440	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ASTM E340
441	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ASTM E381
442	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	AWS D1.1/D1.1M
443	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	AWS D1.2/D1.2M
444	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	AWS D1.3/D1.3M
445	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	AWS D1.6/D1.6M
446	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	BS EN 1321

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447	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	BS EN ISO 5817
448	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	BS EN ISO 9017
449	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	DIN EN ISO 15614(Part-1)
450	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	DIN EN ISO 15614(Part-2)
451	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	EN 1320
452	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	EN ISO 17639
453	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	IBR REG 1950 AND
454	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	IS 11371
455	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	IS 13015
456	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	IS 2825
457	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	IS 3600(Part-9)
458	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO 15614 (Part-1)
459	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO 15614 (Part-2)
460	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO 17639
461	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO 5817
462	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO 9017
463	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	ISO/TR 16060
464	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Macro etch test	JIS G0553
465	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	ASM Handbook Vol 9

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466	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	ASTM A247
467	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	ASTM E3 : (2011)
468	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	ASTM E407
469	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	BS EN ISO 17639
470	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	IS 3600(Part-9)
471	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	IS 7739(Part-1)
472	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	IS 7739(Part-2)
473	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non – Ferrous base Materials & it's Alloys & Products / Welds & Welded test Specimens	Micro structure analysis	ISO 17639
474	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-ferrous base Materials & it's alloys & Products	Determination of Grain Size by comparison method	ASTM E3
475	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-ferrous base Materials & it's alloys & Products	Determination of Grain Size by comparison method	IS 4748
476	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-ferrous base Materials & it's alloys & Products	Determination of Grain Size by comparison method	ISO 643
477	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Nonferrous it's Alloys & Products / Zinc Coated iron and Steel Products	Mass of Zinc Coating	ASTM A90
478	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Nonferrous it's Alloys & Products / Zinc Coated iron and Steel Products	Mass of Zinc Coating	IS 6745
479	MECHANICAL-METALLOGRAPHY TEST	Rich Nickel , Chromium Alloys & Products	Intergranular corrosion test	ASTM G28
480	MECHANICAL-METALLOGRAPHY TEST	Rich Nickel , Chromium Alloys & Products	Intergranular corrosion test	ASTM G28
481	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel , Alloys & It's Products / Weld & Welded Samples	Intergranular corrosion test	IS 10461 (Part-1)
482	MECHANICAL-METALLOGRAPHY TEST	Stainless steel and related alloys	Pitting Corrosion test	ASTM G48
483	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A262
484	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A262

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485	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A262
486	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A262
487	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A262
488	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A763
489	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A763
490	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A763
491	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A763
492	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A923
493	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A923
494	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ASTM A923
495	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	IS 10461(Part-1)
496	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	IS 10461(Part-2)
497	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ISO 3651(Part-2)
498	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ISO 3651(Part-2)
499	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels , It's Alloys & Products	Intergranular Corrosion test	ISO 3651(Part-2)
500	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Case Depth Measurement	ASTM E1077
501	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Case Depth Measurement	IS 6416
502	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Depth of Decarburization	ASTM E1077
503	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Depth of Decarburization	IS 6396

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504	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Inclusion Rating	ASTM E45
505	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Inclusion Rating	IS 4163
506	MECHANICAL-METALLOGRAPHY TEST	Steel , It's Alloys & Products	Inclusion Rating	ISO 4967

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Site Facility				
1	CHEMICAL- METALS & ALLOYS	Ferrous , Non-Ferrous Metals It's Alloys & Products	Material identification (Chromium , Nickel , Molybdenum , Copper , Manganese , Vanadium , Titanium, Tungsten, Cobalt , iron)	ASTM E1476
2	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated & Plated products	Coating Thickness Measurements	ASTM B499
3	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Coated & Plated products	Coating Thickness Measurements	ISO 2178