National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MET- HEAT ENGINEERS PVT LTD, 857/2,GIDC INDUSTRIAL ESTATE, MAKARPURA, VADODARA, GUJARAT, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 22/09/2021 to 21/09/2023 **Last Amended on** -

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- CORROSION TESTS	Anodized Products / Panels / Raw Materials	SALT SPRAY TEST ACETIC ACID SALT SPRAY (AASS)	ISO 9227
2	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	SALT SPRAY TEST	ASTM B-117
3	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	SALT SPRAY TEST	ISO 9227
4	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	SALT SPRAY TEST COPPER ACCELERATED ACETIC ACID	ASTM B-368
5	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	SALT SPRAY TEST COPPER-ACCELEVATED ACETIC ACID SALT SPRAY (CASS)	ISO 9227
6	CHEMICAL- CORROSION TESTS	Coated Products / Panels / Raw Materials	SALT SPRAY TEST NEUTRAL SALT SPRAY (NSS)	ISO 9227
7	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	ANTIMONY	ASTM E-1251
8	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	BISMUTH	ASTM E-1251
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	BORON	ASTM E-1251
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	CALCIUM	ASTM E-1251
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	COBALT	ASTM E-1251
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	COPPER	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	CROMIUM	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	IRON	ASTM E-1251
15	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	LEAD	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	LITHIUM	ASTM E-1251
17	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	MAGNESIUM	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	MANGANESE	ASTM E1251

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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	NICKEL	ASTM E-1251
20	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	SILICON	ASTM E-1251
21	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	TIN	ASTM E-1251
22	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	TITANIUM	ASTM E 1251
23	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	VANADIUM	ASTM E-1251
24	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	ZINC	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ITS ALLOYS	ZIRCONIUM	ASTM E-1251
26	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEEL	ARSENIC	MHEPL/WI/C-01
27	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEEL	CALCIUM	MHEPL/WI/C-01
28	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEEL	TIN	MHEPL/WI/C 01
29	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	ALUMINIUM	MHEPL/WI/C-01
30	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	ANTIMONY	MHEPL/WI/C-01
31	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	BORON	MHEPL/WI/C-01
32	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	CARBON	MHEPL/WI/C-01
33	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	CHROMIUM	MHEPL/WI/C-01
34	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	COBALT	MHEPL/WI/C-01
35	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	COPPER	MHEPL/WI/C-01
36	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	LEAD	MHEPL/WI/C-01
37	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	MANGANESE	MHEPL/WI/C-01

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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 AND ALLOY STEELS	MOLYBDENUM	MHEPL/WI/C-01
39	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	NICKEL	MHEPL/WI/C-01
40	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	NIOBIUM	MHEPL/WI/C-01
41	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	NITROGEN	MHEPL/WI/C-01
42	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	PHOSPOROUS	MHEPL/WI/C01
43	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	SILICON	MHEPL/WI/C-01
44	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	SULPHUR	MHEPL/WI/C-01
45	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	TANTALUM	MHEPL/WI/C-01
46	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	TITANIUM	MHEPL/WI/C-01
47	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	TUNGSTEN	MHEPL/WI/C-01
48	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	VANADIUM	MHEPL/WI/C-01
49	CHEMICAL- METALS & ALLOYS	CARBON AND ALLOY STEELS	ZIRCONIUM	MHEPL/WI/C-01
50	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ALUMINIUM	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ANTIMONY	BS EN 15079
52	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ARSENIC	BS EN 15079
53	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	BISMUTH	BS EN 15079
54	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	CHROMIUM	BS EN 15079
55	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	COBALT	BS EN 15079
56	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	LEAD	BS EN 15079

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57	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	MANGANESE	BS EN 15079
58	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	NICKEL	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	PHOSPHORUS	BS EN 15079
60	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	SILICON	BS EN-15079
61	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	SULPHUR	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	TIN	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	COPPER & ITS ALLOYS	ZINC	BS EN -15079
64	CHEMICAL- METALS & ALLOYS	COPPER AND ITS ALLOYS	IRON	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	COPPER BASE METALS AND ALLOYS	PMI BY XRF METHOD(Fe,Cu,Zn,Pb,Sn,Ni)	ASTM E-1476
66	CHEMICAL- METALS & ALLOYS	Fe BASE METALS AND ALLOYS	PMI BY XRF METHOD(Ti,Co,Cr,Ni,V,Mo,Cu,W ,Nb)	ASTM E-1476
67	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	ALUMINIUM	MHEPL/WI/C-01
68	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	BORON	MHEPL/WI/CL-01
69	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	CARBON	MHEPL/WI/C-01
70	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	COBALT	MHEPL/WI/C-01
71	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	COPPER	MHEPL/WI/C 01
72	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	CROMIUM	MHEPL/WI/C-O1
73	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	IRON	MHEPL/WI/C-01
74	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	MANAGANESE	MHEPL/WI/C-01

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75	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	MOLYBDENUM	MHEPL/WI/C-01
76	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	NIOBIUM	MHEPL/WI/C-01
77	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	PHOSPHOROUS	MHEPL/WI/C-01
78	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	SILICON	MHEPL/WI/C-01
79	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	SULPHUR	MHEPL/WI/C-01
80	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	TITANIUM	MHEPL/WI/C-01
81	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	TUNGSTEN	MHEPL/WI/C-01
82	CHEMICAL- METALS & ALLOYS	NICKEL & ITS ALLOYS	VANADIUM	MHEPL/WI/C-01
83	CHEMICAL- METALS & ALLOYS	NICKEL BASE METALS AND AALOYS	PMI BY XRF METHOD(Nb,Fe,Ni,Mo,W,Cu,Co, Cr,V,Ti)	ASTM E 1476
84	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	ALUMINIUM	MHEPL/WI/C-01
85	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	BORON	MHEPL/WI/C-01
86	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CALCIUM	MHEPL/WI/C-01:
87	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	MHEPL/WI/C-01
88	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	MHEPL/WI/C-01
89	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COBALT	MHEPL/WI/C-01
90	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	MHEPL/WI/C-01
91	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	MHEPL/WI/C-01
92	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	MHEPL/WI/C-01

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93	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	MHEPL/WI/C-01
94	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NIOBIUM	MHEPL/WI/C-01
95	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NITROGEN	MHEPL/WI/C-01
96	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHOROUS	MHEPL/WI/C-01
97	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	MHEPL/WI/C-01
98	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULPHUR	MHEPL/WI/C-01
99	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TANTALUM	MHEPL/WI/C-01
100	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TIN	MHEPL/WI/C-01
101	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TITANIUM	MHEPL/WI/C-01
102	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TUNGSTEN	MHEPL/WI/C-01
103	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	VANADIUM	MHEPL/WI/C-01
104	CHEMICAL- METALS & ALLOYS	TOOL STEEL	CARBON	MHEPL/WI/C-01
105	CHEMICAL- METALS & ALLOYS	TOOL STEEL	COBALT	MHEPL/WI/C-01
106	CHEMICAL- METALS & ALLOYS	TOOL STEEL	CROMIUM	MHEPL/WI/C-01
107	CHEMICAL- METALS & ALLOYS	TOOL STEEL	MANGANESE	MHEPL/WI/C-02
108	CHEMICAL- METALS & ALLOYS	TOOL STEEL	MOLYBDENUM	MHEPL/WI/C-01
109	CHEMICAL- METALS & ALLOYS	TOOL STEEL	PHOSPHOROUS	MHEPL/WI/C-01
110	CHEMICAL- METALS & ALLOYS	TOOL STEEL	SILICON	MHEPL/WI/C-01
111	CHEMICAL- METALS & ALLOYS	TOOL STEEL	SULPHUR	MHEPL/WI/C-01

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112	CHEMICAL- METALS & ALLOYS	TOOL STEEL	TUNGSTEN	MHEPL/WI/C-01
113	CHEMICAL- METALS & ALLOYS	TOOL STEEL	VANADIUM	MHEPL/WI/C-01
114	CHEMICAL- PAINTS & SURFACE COATING	ZINC COATED ARTICLE	ADHESION TEST	IS-2629(Ra-2016)
115	CHEMICAL- PAINTS & SURFACE COATING	ZINC COATED ARTICLE	ZINC COATING THICKNESS	IS-3203 Cl. No. 4
116	CHEMICAL- PAINTS & SURFACE COATING	ZINC COATED ARTICLES	MASS OF ZINC COATING	IS 6745
117	CHEMICAL- PAINTS & SURFACE COATING	ZINC COATED ARTICLES	UNIFORMITY OF ZINC COATING(PREECE TEST)	IS-2633
118	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	PROOF LOAD TEST	ASME SA-370
119	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	PROOF LOAD TEST	ASTM A-370
120	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	PROOF LOAD TEST	IS-1367-PART-3
121	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	PROOF LOAD TEST	ISO-898-1(E)
122	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	WEDGE LOAD TEST	ASME SA-370
123	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	WEDGE LOAD TEST	ASTM A-370
124	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS	WEDGE LOAD TEST	IS-1367-PART-3
125	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS/STUDS	FULL SIZE BREAKING TEST	ASTM A 370
126	MECHANICAL- MECHANICAL PROPERTIES OF METALS	BOLTS/STUDS	FULL SIZE BREAKING TEST	IS-1367 PART 3

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127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	BOLTS/STUDS	FULL SIZE BREAKING TEST	SA-370
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	API-1104
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	ASME SA-370
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	ASME SECTION IX
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	EN 4136(E)
132	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	EN-15614-1-2017 A1
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	IBR REG 1950 ADN
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	IS-1608 PART-1
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	ISO 5178(E)
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	ISO 6892-1(E)
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	REDUCTION IN AREA	ISO-6892-1(E)
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	TENSILE STRENGTH	API-1104
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	TENSILE STRENGTH	EN-15614-1 A1-2017
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	TENSILE STRENGTH	EN-4136(E)

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141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS ,ALLOYS & PRODUCTS	TENSILE STRENGTH	ISO-6892-1(E)
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS & PRODUCTS	REDUCTION IN AREA	ASTM E-8M
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	ELONGATION	ASTM A-370
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	REDUCTION IN AREA	ASTM A-370
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	REDUCTION IN AREA	ASTM E-8
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ASME SECTION IX
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ASME SA-370
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ASTM -E8M
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ASTM A-370
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ASTM E-8
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	IBR REG 1950 ADN
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	IS-1608 PART-1
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	TENSILE STRENGTH	ISO-6892-1(E)
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	API-1104

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155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	ASME SA-370
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	ASME SECTION IX
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	ASTM A-370
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	ASTM E-8M
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	EN-15614-1-A1-2017
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	EN-4136(E)
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	IBR REG 1950 ADN
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	IS-1608 PART-1
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH,PROOF STRENGTH	ISO-6892-1(E)
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH/PROOF STRENGTH	ASTM E-8
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS MATERIALS,ALLOYS AND PRODUCTS	YIELD STRENGTH/PROOF STRENGTH	ISO-5178(E)
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	AWS D1.1
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS PIPES/TUBES	FLATTENING TEST	ASME SA-370
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBE S/PIPES	FLATTENING TEST	ASME SA-530

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169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	API-5L
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A-1016
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A-370
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A-450
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A-530M
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A-999
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM B-111
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	BS EN ISO 8492(E)
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	IS-1239 PART-1
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS TUBES/PIPES	FLATTENING TEST	ASTM A 530
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	API 1104
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	API 1104
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	ASME E-190
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	ASME SECTION -IX

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183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	ASTM E-190
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	AWS D1.1
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	IBR REG 1950 ADN
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	IBR REG 1950 ADN
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	IS-3600 PART 5
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	ISO 5173
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST	ISO 5173
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BEND TEST(CLOSE BEND TEST OF PARENT METAL)	IS-1599
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BRINELL HARDNESS TEST 10 mm diameter /3000 kg load	IS-1500-Part-1
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BRINELL HARDNESS TEST 10 mm diameter/3000kg load	ASTM E-10
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BRINELL HARDNESS TEST 2.5 mm diameter ball/ 187.5kg load	ASTM E 10
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	BRINELL HARDNESS TEST 2.5mm diameter /187.5 kg load	IS 1500-Part-1
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	ASME SA 370
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	ASTM A-370

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197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	ASTM E-23
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	EN ISO 9016(E)
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	IS-1757 PART-1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	CHARPY V NOTCH IMPACT TEST AT PLUS 70 DEGREE TO MINUS 196 DEGREE CENTIGRADE	ISO 148-1(E)
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASME SECTION IX-
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	API 1104
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	API-1104
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASME SA-370
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASME SECTION IX
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASTM B-557
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASTM E-8M
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ASTM-E 8
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	AWS B 4.0
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	AWS D1.1

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211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	BS-EN-10002-1-(E)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	EN 15614-1-2017 A1
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	IBR REG 1950 ADN
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	IS 1608- PART-1
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	IS-2825(Ra2017)
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	IS-3600 PART 2
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ISO 4136(E)
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ISO 5178(E)
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ISO-6892-1(E)
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ELONGATION	ISO/EN 4136(E)
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLAIRING TEST/DRIFT EXPANSION TEST	ASTM A 370
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLARING TEST/DRIFT EXPANSION TEST	ASME SA-370
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLARING TEST/DRIFT EXPANSION TEST	ASTM A-1016
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLARING TEST/DRIFT EXPANSION TEST	ASTM B-111

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225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLARING TEST/DRIFT EXPANSION TEST	BS EN ISO 8493
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLARING TEST/DRIFT EXPANSION TEST	IS-2335
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLATTENING TEST	ASME SA-450
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLATTENING TEST	IS-2328
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	FLATTENING TEST	IS-3589
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSILE STRENGHT	ASTM E-21
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSILE STRENGTH	ISO 6892-2
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSION TEST % ELONGATION	ISO 6892-2
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSION TEST % REDUCTION AREA	ISO 6892-2
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSION TEST,% ELONGATION	ASTM E-21
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TENSION TEST,% REDUCTION AREA	ASTM E-21
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	HIGH TEMPERATURE TESNION TEST,YIELD STRENGTH	ASTM E-21
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	IZOD IMPACT TEST	IBR REGU (ADN 2017)
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	IZOD IMPACT TEST	IS-1598

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239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	MICROINDENTATION HARDNESS TEST HV 0.1	ASTM E-384
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	MICROINDENTATION HARDNESS TEST HV 0.3	ASTM E-384
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	MICROINDENTATION HARDNESS TEST HV 0.5	ASTM E-384
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	MICROINDENTATION HARDNESS TEST HV 1	ASTM E-384
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	NOMINAL MASS MEASUREMENT	IS-1786
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	PULL OUT TEST/PUSH OUT TEST BREAKING LOAD AND LOCATION OF FRACTURE	ASME SECTION -VIII DIVISION-1
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REBEND TEST	IS-1786
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	API-1104
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	ASME SECTION IX
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	AWS B 4.0
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	AWS D1.1
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	IBR REGU 1950 ADN
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	IS-2825
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	IS-3600 PART 2

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253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	ISO 4136
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	ISO 5178
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA	ASTM B-557
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA FOR THROUGH THICKNESS TENSION TEST	EN-10164-13(E)
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA FOR THROUGH THICKNESS TENSION TEST	ISO-7778(E)
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	REDUCTION IN AREA FOR THROUGH THICKNESS TENSION TEST	SA-770
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ROCKWELL HARDNESS TEST HRB	ASTM E-18
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ROCKWELL HARDNESS TEST HRB	IS-1586 PART-1
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ROCKWELL HARDNESS TEST HRC	ASTM E-18
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	ROCKWELL HARDNESS TEST HRC	IS-1586 PART-1
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	API-1104
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	ASME SECTION IX
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	AWS B 4.0
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	AWS D1.1

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267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	IBR REGU 1950 ADN
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	IS-2825
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	IS-3600 PART 2
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	ISO 4136(E)
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	TENSILE STRENGTH	ISO-5178
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-10	ASTM E-92
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-10	IS-1501 PART-1(Ra-2018)
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-10	ISO-9015-1(E)
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-5	ASTM E-92
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-5	IS-1501 PART-1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	VICKERS HARDNESS TEST HV-5	ISO-9015(E)
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	API-1104
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	ASME SECTION IX
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	AWS B 4.0

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281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	AWS D 1.1
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	IBR REG 1950 ADN
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	IS-2825
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	IS-3600 PART 2
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	ISO 4136(E)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	YIELD STRENGTH/PROOF STRENGTH	ISO 5178(E)
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METALS	TENSILE STRENGTH	ASTM B-557
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON FERROUS METALS AND ALLOYS	YIELD STRENGTH,PROOF STRENGTH	ASTM B-557
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NUTS	PROOF LOAD TEST	ASME SA-370
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NUTS	PROOF LOAD TEST	ASTM A-370
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NUTS	PROOF LOAD TEST	IS-1367 PART-6
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	ASME SA-370
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	ASTM A-370
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	ASTM E-290

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295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	IS-1239 PART-1
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	IS-1599
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	IS-1786
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	IS-2329
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	PARENT METAL	BEND TEST	ISO-7438
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WASHER/SPRING WASHER	PERMANENT LOAD TEST	IS-3063
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WASHER/SPRING WASHER	PERMANENT SET TEST	IS-3063
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WASHER/SPRING WASHER	TWIST TEST	IS-3063
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	ASME SECTION -IX
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	AWS D 1.1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	BS EN ISO 9017
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	EN-1320
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	IBR REG 1950 ADN
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	FRACTURE TEST	IS-3600 PART-8

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309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	NICK BREAK TEST	AWS D1.1
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	NICK BREAK TEST	DIN EN 1320
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	NICK BREAK TEST	IBR REG 1950 ADN
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	NICK BREAK TEST	IS 2825 (Ra 2017)
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDED ITEMS	NICK BREAK TEST	IS-3600 PART 8
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	ASME SECTION -IX
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	AWS D1.1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	BS EN ISO 9017
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	DIN EN 1321
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	IBR REG 1950 ADN
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	IS-3600 PART-9
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	WELDS AND WELDED SPECIMENS	MACRO TEST	ISO-17639(E)
321	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS-- FOR CARBON STEEL , % OF FERRITE AND % OF PEARLITE	ASTM E-562
322	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	% FERRITE MEASUREMENT BY FERRITOSCOPE	ASTM A 800 :2020 / IS 8249

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323	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	CASE DEPTH MEASUREMENT	IS-6416 CLAUSE 8
324	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	COATING/PLATING THICKNESS MEASUREMENT	ASTM B-487
325	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	CREVICE CORROSION TEST	ASTM G-48,METHOD-B
326	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DECARBURIZATION DEPTH MEASUREMENT	ASTM E-1077 CLAUSE 7.2
327	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DECARBURIZATION DEPTH MEASUREMENT	IS 1367 PART-3
328	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DECARBURIZATION DEPTH MEASUREMENT	IS-6396 CLAUSE -9
329	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DESIGNATION OF MICROSTRUCTURE OF GRAPHITE IN CAST IRON 1. GRAPHITE FORM,FIGURE-1 2.GRAPHITE DISTRUBUTION,FIGURE-2, 3.DIMENSION OF GRAPHITE,FIGURE-3	IS-7754
330	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DETERMINATION OF INTER METALLIC PHASE IN DUPLEX STAINLESS STEEL	ASTM A 923,METHOD-A,
331	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	DETERMINATION OF INTER METALLIC PHASE IN DUPLEX STAINLESS STEEL	ASTM A923 METHOD -C
332	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	EVALUTION OF GRAPHITE IN IRON CASTINGS 1) GRAPHITE FLAKE TYPE ,PLATE-I 2) GRAPHITE FOAM TYPE,PLATE-I 3) GRAPHITE SIZE,PLATE-II	ASTM A-247
333	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	FERRITE NUMBER MEASUREMENT BY FERRITOSCOPE	ASTM A800 / ISO 8249
334	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	GRAIN SIZE MEASUREMENT	ASTM E-112
335	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	GRAIN SIZE MEASUREMENT	IASTM E-1382
336	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	GRAIN SIZE MEASUREMENT	IS-4748

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337	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC PRACTICE-A	ASTM A-262
338	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC PRACTICE-B	ASTM A-262
339	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC PRACTICE-C	ASTM A-262
340	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC PRACTICE-E	ASTM A-262
341	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC TEST	IS-10461 PART-2
342	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	IGC TEST	ISO-3651-2
343	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	INCLUSION RATING	ASTM E-45 METHOD A
344	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	INCLUSION RATING	ASTM E-45 METHOD D
345	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	INCLUSION RATING	IS-4163 METHOD A
346	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MACRO EXAMINATION	ASM HANDBOOK VOLUME -9
347	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MACRO EXAMINATION	ASTM E-340
348	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MACRO EXAMINATION	ASTM E-381,
349	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MACRO EXAMINATION	EN ISO 17639
350	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MAGNETIC PERMEABILITY	ASTM A-342 METHOD-3
351	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ASM HANDBOOK VOLUME -9
352	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ASTM E 1351
353	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ASTM E 1558
354	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ASTM E 3(2017)
355	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ASTM E 407

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356	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	EN ISO 17639
357	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	EN-1321
358	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	IS-7739 PART -2
359	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICRO STRUCTURE EXAMINATION	ISO 945-1
360	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	MICROSTRUCTURE EXAMINATION	IS-7739 PART-1
361	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	PITTING CORROSION TEST	ASTM G 48 METHOD C
362	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	PITTING CORROSION TEST	ASTM G 48 METHOD-D
363	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	PITTING CORROSION TEST	ASTM G-48 METHOD F
364	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	PITTING CORROSION TEST	ASTM G-48 METHOD- E
365	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	PITTING CORROSION TEST	ASTM G-48,METHOD-A
366	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	RESISTANCE TO HYDROGEN INDUCED CRACKING TEST(HIC TEST)	NACE TM-0284
367	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	RESTANCE TO SULFIDE STRESS CRACKING AND STRESS CORROSION CRACKING IN H2S ENVIRONMENT	NACE TM 0177(METHOD B)
368	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	RESTANCE TO SULFIDE STRESS CRACKING AND STRESS CORROSION CRACKING IN H2S ENVIRONMENT	NACE-TM-0177(METHOD A)
369	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	STRESS CORROSION CRACKING RESISTANCE	ASTM G36
370	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS---- FOR CARBON STEEL , % OF FERRITE AND % OF PEARLITE	ASTM E-1245

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371	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS---- FOR CAST IRON FOR, % FERRITE ,%PEARLITE ,%NODULARITY,NODULE COUNT	ASTM E-1245
372	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS---- FOR CAST IRON FOR, % FERRITE ,%PEARLITE,%NODULARITY,NODULE COUNT	ASTM E-562
373	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS---- FOR DUPLEX STAINLESS STEEL, % OF AUSTENITE AND % OF FERRITE	ASTM E-1245
374	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS ---FOR DUPLEX STAINLESS STEEL, % OF AUSTENITE AND % OF FERRITE	ASTM E-562
375	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS ---- % POROSITY	ASTM E-562
376	MECHANICAL-METALLOGRAPHY TEST	METALLIC MATERIALS	VOLUME FRACTION/PHASE CONSTITUENTS---- POROSITY	ASTM E-1245
377	MECHANICAL-METALLOGRAPHY TEST	NICKEL AND ITS ALLOYS	IGC TEST	ASTM G-28(2015)