National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TESTING RESEARCH ENGINEERING AND TECHNOLOGICAL SERVICES (TREATS), 14, RAMANATH PAL ROAD, KIDDERPORE, KOLKATA, WEST BENGAL, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	COPPER & ITS ALLOYS	MERCUROUS NITRATE TEST FOR SURFACE CRACK DETERMINATION	IS 2305
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	CORROSION TEST IN ARTIFICIAL ATMOSHPHERE OF COATING ON IRON AND STEEL PRODUCTS	SALT SPRAY TEST	ASTM B 117/ ASTM D-1654
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	CORROSION TEST IN ARTIFICIAL ATMOSHPHERE OF COATING ON IRON AND STEEL PRODUCTS	SALT SPRAY TEST	IS 9844
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	CORROSION TEST IN ARTIFICIAL ATMOSHPHERE OF COATING ON IRON AND STEEL PRODUCTS	SALT SPRAY TEST	ISO:9227
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICALS	ADHESION TEST	IS:2629 ; Cl. 6.4/ 6.1
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICALS	UNIFORMITY OF ZINC COATING	ASTM A 239
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	DETERMINATION OF MASS OF ZINC COATING	IS 6745
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	DETERMINATION OF MASS OF ZINC COATING	ASTM A90 M-13
9	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	DETERMINATION OF MASS OF ZINC COATING	BS EN ISO 1460
10	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	THICKNESS OF ZINC COATING	IS 6012
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	UNIFORMITY OF ZINC COATING	IS 2633
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	CHROMIUM	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	CHROMIUM	IS 504 (PART 8)
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COBALT	ASTM E 1251

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15	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COPPER	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COPPER	IS 504 (PART 3)
17	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	IRON	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	IRON	IS 504 (PART 2)
19	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	LEAD	ASTM E 1251
20	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	LEAD	IS 504 (PART 1)
21	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MAGNESIUM	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MAGNESIUM	IS:504(Part 6)
23	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MANGANESE	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	NICKEL	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	NICKEL	IS: 504 (Part 7)
26	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	SILICON	ASTM E 1251
27	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	SILICON	IS 504 (PART 1)
28	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TIN	ASTM E 1251
29	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TIN	IS 504 (PART 9)
30	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TITANIUM	ASTM E 1251
31	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	VANADIUM	ASTM E 1251
32	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	ZINC	ASTM E 1251
33	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	ZINC	IS 504(PART 4)

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34	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINUM ALLOY	MANGANESE	IS 504 (PART 5)
35	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	ASTM E 1999
36	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	ASTM E 1999
37	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	IS 15338
38	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	JIS G 1253
39	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	ASTM E 1999
40	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	IS: 15338
41	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	ASTM E 1999
43	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	IS:15338
44	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	IS 15338
46	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	ASTM E 1999
48	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	IS: 15338
49	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	JISG 1253
50	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	ASTM E 1999
51	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	IS:15338
52	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	JIS G 1253

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53	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	ASTM E 1999
54	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	IS: 15338
55	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	ASTM E 1999
57	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	IS: 15338
58	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	JIS G1253
59	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	IS:15338
60	CHEMICAL- METALS & ALLOYS	CAST IRON	SULPHUR	ASTME 1999
61	CHEMICAL- METALS & ALLOYS	CAST IRON	SULPHUR	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	ASTM E 1999
63	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	IS: 15338
64	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	COPPER AND COPPERBASE ALLOY	TIN	IS 3685
66	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOY	CHROMIUM	BS EN 15079:
67	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ALUMINIUM	BS EN 15079
68	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ANTIMONY	BS EN 15079:
69	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ARSENIC	BS EN 15079
70	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	BISMUTH	BS EN 15079
71	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	CADMIUM	BS EN 15079

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72	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	COBALT	BS EN 15079
73	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	IRON	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	LEAD	BS EN 15079:
75	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	MANGANESE	BS EN 15079:
76	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	NICKEL	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	PHOSPHORUS	BS EN 15079:
78	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SILICON	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SILVER	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SULFUR	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	TIN	BS EN 15079:
82	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZINC	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZIRCONIUM	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOY	IRON	IS:4027 (PART 8)
85	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOY	MANGANESE	IS 3187
86	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOY	TIN	IS: 4027 (PART 5)
87	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	COPPER	IS 440
88	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	LEAD	IS 440
89	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	NICKEL	IS 3685
90	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	PHOSPHORUS	IS 440

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91	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	SILICON	IS 3685
92	CHEMICAL- METALS & ALLOYS	COPPER & COPPER BASE ALLOYS	ZINC	IS: 3685
93	CHEMICAL- METALS & ALLOYS	COPPER AND COPPER BASE ALLOY	COPPER	IS 3685
94	CHEMICAL- METALS & ALLOYS	COPPER AND COPPER BASE ALLOY	COPPER	IS 4027(PT-1)
95	CHEMICAL- METALS & ALLOYS	COPPER AND COPPER BASE ALLOY	IRON	IS 3685
96	CHEMICAL- METALS & ALLOYS	COPPER AND COPPER BASE ALLOY	LEAD	IS 4027 (PT-1)
97	CHEMICAL- METALS & ALLOYS	COPPER AND COPPER BASE ALLOY	NICKEL	IS 4027 (PT-5)
98	CHEMICAL- METALS & ALLOYS	COPPER AND COPPERBASE ALLOY	LEAD	IS 3685
99	CHEMICAL- METALS & ALLOYS	COPPER AND COPPERBASE ALLOY	PHOSPHORUS	IS 4027(PT-3)
100	CHEMICAL- METALS & ALLOYS	COPPER AND COPPERBASE ALLOY	SILICON	IS 4027 (PT-10)
101	CHEMICAL- METALS & ALLOYS	COPPER AND COPPERBASE ALLOY	ZINC	IS 4027 (PT-6)
102	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINIUM	IS:9879
103	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINUM	ASTM E 1086
104	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINUM	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CARBON	ASTM E 1086
106	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CARBON	JIS G 1253
107	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CHROMIUM	ASTM E 1086
108	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CHROMIUM	JIS G 1253
109	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COBALT	ASTM E 1086

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110	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COBALT	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	ASTM E 1086
112	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	IS:9879
113	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	JIS G 1253
114	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	ASTM E 1086
115	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	IS:9879
116	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	JIS G 1253
117	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	IS:9879
119	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NICKEL	ASTM E 1086
121	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NICKEL	IS:9879
122	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NICKEL	JIS G 1253
123	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	ASTM E 1086
124	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	IS:9879
125	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	JIS G 1253
126	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NITROGEN	JIS G 1253
127	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	ASTM E 1086
128	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	IS:9879

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129	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	JIS G 1253
130	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SILICON	ASTM E 1086
131	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SILICON	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULFUR	IS:9879
133	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULPHUR	ASTM E 1086
134	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULPHUR	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TIN	ASTM E 1086
136	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TIN	JIS G 1253
137	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TITANIUM	ASTM E 1086
138	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni Steels/ Stainless Steels	TITANIUM	IS:9879
139	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TITANIUM	JIS G 1253
140	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TUNGSTEN	ASTM E 1086
141	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TUNGSTEN	JIS G 1253
142	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	VANADIUM	ASTM E 1086
143	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	VANADIUM	JIS G 1253
144	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni Steels/Stainless Steel	SILICON	IS:9879
145	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	TIN	IS:9879
146	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	CARBON	IS:9879
147	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	CHROMIUM	IS:9879

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148	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	COBALT	IS:9879
149	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	NITROGEN	IS 228 (PART 23)
150	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	TUNGSTEN	IS:9879
151	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	VANADIUM	IS:9879
152	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	CARBON	IS 1559 (SEC III)
153	CHEMICAL- METALS & ALLOYS	FERRO MANGANESE	SULPHUR	IS 1559 (SEC III)
154	CHEMICAL- METALS & ALLOYS	FERRO-MANGANESE	MANGANESE	IS 1559 (SEC IV)
155	CHEMICAL- METALS & ALLOYS	FERRO-MANGANESE	PHOSPHORUS	IS 13938 (PART 3)
156	CHEMICAL- METALS & ALLOYS	FERRO-MANGANESE	SILICON	IS 13938 (PART 1)
157	CHEMICAL- METALS & ALLOYS	FERRO-SILICON	CARBON	IS 1559 (PART 2)
158	CHEMICAL- METALS & ALLOYS	FERRO-SILICON	PHOSPHORUS	IS 1559 (PART 4)
159	CHEMICAL- METALS & ALLOYS	FERRO-SILICON	SILICON	IS 1559 (PART 1)
160	CHEMICAL- METALS & ALLOYS	FERRO-SILICON	SULPHUR	IS 1559 (PART 3)
161	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	CHROMIUM	ASTM E 1476
162	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COBALT	ASTM E1476
163	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COPPER	ASTM E 1476
164	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MANGANESE	ASTM E 1476
165	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MOLYBDENUM	ASTM E 1476
166	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	NICKEL	ASTM E1476

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167	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	TUNGSTEN	ASTM E 1476
168	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	VANADIUM	ASTM E 1476
169	CHEMICAL- METALS & ALLOYS	HIGH CARBON FERRO CHROMIUM & CHARGE CHROME	PHOSPHORUS	IS 13452 (PART 7)
170	CHEMICAL- METALS & ALLOYS	HIGH CARBON FERRO-CHROMIUM & CHARGE CHROME	CHROMIUM	IS 13452 (PART 5)
171	CHEMICAL- METALS & ALLOYS	HIGH CARBON FERRO-CHROMIUM & CHARGE CHROGE CHROME	CARBON	IS 1559 (SEC I)
172	CHEMICAL- METALS & ALLOYS	HIGH CARBON FERRO-CHROMIUM & CHARGE-CHROME	SULPHUR	IS 13452(PART 4)
173	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	CHROMIUM	ASTM E 1476
174	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	COPPER	ASTM E1476
175	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MANGANESE	ASTM E1476
176	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MOLYBDENUM	ASTM E 1476
177	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NICKEL	ASTM E 1476
178	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NIOBIUM	ASTM E 1476
179	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	TITANIUM	ASTM E 1476
180	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	VANADIUM	ASTM E 1476
181	CHEMICAL- METALS & ALLOYS	LOW CARBOBN FERRO- CHROMIUM	CHROMIUM	IS 13452 (PART 5)
182	CHEMICAL- METALS & ALLOYS	LOW CARBON FERRO CHROMIUM	CARBON	IS 1559 (SEC 1)
183	CHEMICAL- METALS & ALLOYS	LOW CARBON FERRO CHROMIUM	PHOSPHORUS	IS 13452 (PART 7)
184	CHEMICAL- METALS & ALLOYS	LOW CARBON FERRO-CHROMIUM	SULPHUR	IS 13452 (PART 4)
185	CHEMICAL- METALS & ALLOYS	PIG IRON CAST IRON AND SG IRON	SILICON	ASTM E 351

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186	CHEMICAL- METALS & ALLOYS	PIG IRON CAST IRON AND SG IRON	PHOSPHORUS	ASTM E 351
187	CHEMICAL- METALS & ALLOYS	PIG IRON CAST IRON AND S.G. IRON	CHROMIUM	ASTM A 351
188	CHEMICAL- METALS & ALLOYS	PIG IRON CAST IRON AND SG IRON	NICKEL	ASTM E 351
189	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G IRON	CARBON	IS 12308 (PART 11)
190	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	CHROMIUM	IS 12308 (PART 8)
191	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	MANGANESE	IS 12308 (PART 10)
192	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	NICKEL	IS 12308 (PART 7)
193	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	PHOSPHORUS	IS 12308 (PART 5)
194	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	SILICON	IS 12308 (PART 6)
195	CHEMICAL- METALS & ALLOYS	PIG IRON, CAST IRON & S.G. IRON	SULPHUR	IS 12308 (PART 2)
196	CHEMICAL- METALS & ALLOYS	PLAIN CARBIN AND LOW ALLOY STEEL	BORON	ASTM E 415
197	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ALUMINIUM	ASTM E 415
198	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CHROMIUM	ASTM E 350
199	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MANGANESE	ASTM E 350
200	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NICKEL	ASTM E 350
201	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SILICON	ASTM E 350
202	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SILICON	IS 228 (PART 8)
203	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ALUMINIUM	IS 8811
204	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ARSENIC	IS 8811

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205	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	BORON	IS 8811
206	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CARBON	IS 8811
207	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CHROMIUM	IS 228 (PART 6)
208	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CHROMIUM	IS 8811
209	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	COBALT	IS 8811
210	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	COPPER	IS 228 (PART 15)
211	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	COPPER	IS 8811
212	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MANGANESE	IS 228 (PART 2)
213	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MANGANESE	IS 8811
214	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MOLYBDENUM	IS 8811
215	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NICKEL	IS 228 (PART 5)
216	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NICKEL	IS 8811
217	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NIOBIUM	IS 8811
218	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NITROGEN	IS 228 (PART 23)
219	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	PHOSPHORUS	ASTM E 350
220	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	PHOSPHORUS	IS 228 (PART 3)
221	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	PHOSPHORUS	IS 8811
222	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SILICON	IS 8811
223	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SULFUR	IS 8811

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224	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SULPHUR	IS 228 (PART 9)
225	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TIN	IS 8811
226	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TITANIUM	IS 8811
227	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TUNGSTEN	IS 8811
228	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	VANADIUM	IS 8811
229	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AMD LOW ALLOY STEEL	CARBON	JIS G 1253
230	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MOLYBDENUM	ASTM E 415
231	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ALUMINIUM	JIS G 1253
232	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ARSENIC	ASTM E 415
233	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ARSENIC	JIS G 1253
234	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	BORON	JIS G 1253
235	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	CARBON	ASTM E 415
236	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	CARBON	IS:228 (PART 1)
237	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	CHROMIUM	JIS G 1253
238	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COBALT	ASTM E 415
239	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COBALT	JIS G 1253
240	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COPPER	ASTM E 415
241	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COPPER	JISG 1253
242	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MANGANESE	ASTM E 415

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243	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MANGANESE	JIS G 1253
244	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MOLYBDENUM	JIS G 1253
245	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NICKEL	JIS G 1253
246	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NIOBIUM	ASTM E 415
247	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NIOBIUM	JIS G 1253
248	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NITROGEN	JIS G 1253
249	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	PHOSPHORUS	ASTM E 415
250	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SILICON	ASTM E 415
251	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SILICON	JIS G 1253
252	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SULPHUR	JIS G 1253
253	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TIN	ASTM E 415
254	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TIN	JIS G 1253
255	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TITANIUM	ASTM E 415
256	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TITANIUM	JIS G 1253
257	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TUNGSTEN	ASTM E 415
258	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TUNGSTEN	JIS G 1253
259	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	VANADIUM	ASTM E 415
260	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	VANADIUM	JISG 1253
261	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALOY STEEL	CHROMIUM	ASTM E 415

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262	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW CARBON STEEL	NICKEL	ASTM E 415
263	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL AND LOWALLOY STEEL	PHOSPHORUS	JIS G 1253
264	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL AND LOWALLOY STEEL	SULPHUR	ASTME 415
265	CHEMICAL- METALS & ALLOYS	PURE COPPER	OXYGEN CONTENT	Indian Copper Development Council Brussels Report No. 85
266	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	CHROMIUM	ASTM E1476
267	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	COPPER	ASTM E1476
268	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MANGANESE	ASTM E 1476
269	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MOLYBDENUM	ASTM E1476
270	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NICKEL	ASTM E 1476
271	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NOBIUM	ASTM E 1476
272	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	TITANIUM	ASTM E 1476
273	CHEMICAL- METALS & ALLOYS	WHITE METAL	ANTIMONY	IS 1409
274	CHEMICAL- METALS & ALLOYS	WHITE METAL	COPPER	IS 1409
275	CHEMICAL- METALS & ALLOYS	WHITE METAL	LEAD	IS 1409
276	CHEMICAL- METALS & ALLOYS	WHITE METAL	TIN	IS 1409
277	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	ALUMINIUM	ISO:3815-1
278	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	ANTIMONY	ISO:3815-1
279	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	BISMUTH	ISO:3815-1
280	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	CADMIUM	ISO:3815-1

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281	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	COPPER	ISO:3815-1
282	CHEMICAL- METALS & ALLOYS	Zinc & Zinc- Alloys	IRON	ISO:3815-1
283	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	LEAD	ISO:3815-1
284	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	MAGNESIUM	ISO:3815-1
285	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	MANGANESE	ISO:3815-1
286	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	NICKEL	ISO:3815-1
287	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	TIN	ISO:3815-1
288	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	TITANIUM	ISO:3815-1
289	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Deformed Steel Bars	Re-Bend Test	IS 1786
290	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DEFORMED STEEL BARS	BEND TEST	IS:1599/2019
291	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Deformed Steel Bars	Mass Per Meter Test (Mandrel Dia 8 to 256 mm)	IS 1786
292	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DEFORMED STEEL BARS	TENSILE TEST (YS / 0.2%PS.0.4% PS)	IS 1786
293	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DEFORMED STEEL BARS	TENSILE TEST (%E)	IS 1786
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	DEFORMED STEEL BARS	TENSILE TEST (TS)	IS:1786
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	TENSILE TEST(TS)	ASTM: A370
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous spring washer	Permanent Set Test	Gost 6402

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297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Welded Test Coupon	Nick Break Test	API 1104
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS	BRINELL HARDNESS TEST	ASTM E 10
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS	BRINELL HARDNESS TEST	ASTM: A370
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS HARD MATERIALS	MICRO VICKERS HARDNESS TEST HV 0.1, HV0.2,HV0.3, HV0.5, HV1	ASTM E 92
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS HARD MATERIALS	MICRO VICKERS HARDNESS TEST HV 0.1, HV0.2, HV 0.3,HV0.5, HV1	IS 1501 (PT - 1)
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS HARD MATERIALS	MICRO VICKERS HARDNESS TEST HV 0.1, HV0.2,HV0.3, HV0.5, HV1	ASTM E 384
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS MATERIALS HARD MATERIALS	VICKERS HARDNESS TEST	IS:1501(Part I)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS TUBES	DRIFT EXPANSION TEST	IS:2335
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS TUBES	FLATTENING TEST	ASTM A370
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS & NON FERROUS TUBES	FLATTENING TEST	IS:2328
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON -FERROUS MATERIALS	COMPRESSIVE STRENGTH	ASTM: E9-2019,
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Bend Test	ISO:7438
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material	Charpy Impact Test	IS:1757 Pt 1
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material	Charpy Impact Test (u notch)	IS 1499

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311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material	Rockwell Hardness Test	ASTM E 18
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Tensile Test (TS)	ASTM E 8
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Tensile Test (TS)	ISO:6892-1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Tensile Test (% E)	ASTM E8
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material	Tensile Test (% RA),	ASTM E 8
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material	Tensile Test(YS, 0.2 % 0.5 % PS)	ASTM E 8
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIAL	VICKERS HARDNESS TEST	ISO:6507-1
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material Welded Test Coupon	Tensile Test (TS)	ASME Sec IX
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (TS)	IS:1608 (Part 1)
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Bend Test	ASTM A 370
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Bend Test	IS:1599
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material and welded test coupon	Charpy Impact Test	ASTM E23
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Lateral Expansion and % Shear Test	ASTM E 23
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material and welded test coupon	Lateral Expansion and % Shear Test	ISO:148-1

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325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material and welded test coupon	Rockwell Hardness Test	ASTM A 370
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and welded test coupon	Rockwell Hardness Test	IS:1586 PART 1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Rockwell Hardness Test	ISO:6508-1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIAL AND WELDED TEST COUPON	Tensile Test (% E)	IS 1608 (PT-1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (% RA)	CLASS RULE BOOK
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIAL AND WELDED TEST COUPON	Tensile Test ((%E,)	ISO 6892-1
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (UTS)	CLASS RULE BOOK
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (YS,0.2%, 0.5% PS)	ISO 6892-1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (% E,)	CLASS RULE BOOK
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	TENSILE TEST (%E)	ISO-6892 -1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (%RA)	ISO 6892-1
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIAL AND WELDED TEST COUPON	Tensile Test (RA)	IS 1608 (PT-1)
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon	Tensile Test (YS/PS 0.2%, 0.5%,)	CLASS RULE BOOK
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIAL AND WELDED TEST COUPON	Tensile Test(YS, 0.2 % 0.5 % PS)	IS 1608 (PT-1)

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339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and welded test coupon	Vickers Hardness Test	ASTM E 92
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon (Plate / Tubes)	BEND TEST(Root Bend / Face Bend / Side Bend)	AWS D1.1
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon (Plate / Tubes)	BEND TEST(Root Bend / Face Bend / Side Bend)	CLASS RULE BOOK
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material and Welded Test Coupon (Plate / Tubes)	Bend Test (Root Bend/Face Bend /Side Bend)	ASME Sec IX
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material and welded test coupons	BRINELL HARDNESS TEST	ISO-6506-1
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous material and welded test coupons	Charpy Impact Test	ISO:148-1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Material andWelded Test Coupon	Rockwell Hardness Test	IS:5652 (PART 1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS AND NON FERROUS MATERIALS	BRINELL HARDNESS TEST	IS 1500(Pt 1)
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous tubes	Drift Expansion Test	ISO:8493
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non ferrous tubes	Flattening Test	ISO: 8492
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous welded test coupon	Bend Test	ISO 5173
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous welded test coupon	Fracture Test	ISO 7310
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous welded test coupon	Fracture Test	ISO 9017
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous welded test coupon	Tensile Test	ISO:4136

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353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Welded Test coupon/ Material	Visual Examination	ISO 17637
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS BOLTS	HEAD SOUNDNESS TEST	IS:1367(PART-3)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Bolts	Head Soundness Test	ISO:898-1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Bolts	Shear Test	IS:12427
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Bolts	Shear Test	IS:5242
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Bolts	Shear Test	IS:6639
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Bend Test	IS:277
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and welded test coupon	Fracture Test	IS 3600 (Pt-8)
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	Bend Test (Side Bend)	ISO 5177
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	BEND TEST(Root Bend / Face Bend / Side Bend)	IACS-UR-W28 CLAUSE 4.2.2.4
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	Tensile Test (% El,)	ASTM A 370
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	Tensile Test (% RA),	ASTM A 370
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material and Welded Test Coupon	TENSILE TEST(Y.S.,0.2% & 0.5% P.S.)	ASTM A 370
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS RIVETS	HEAD SOUNDNESS TEST	IS:10102

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367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Spring Washer	Permanent Load Test	AS 1559 (SEC 5.4)
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Spring Washer	Permanent Load Test	Gost 6402
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Spring Washer	Permanent Set Test	AS 1559 (SEC 5.4)
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Spring Washer	Twist Test	AS 1559 (SEC 5.4)
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Spring Washer	Twist Test	Gost 6402
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Welded Test Coupon	Nick Break Test	IS 2825
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Welded Test Coupon	Nick Break Test	IS 3600 (PT-8)
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Hard Material	Vickers Hardness Test	IS:12783
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALIC SPRING WASHER	PERMANENT SET TEST	BS:4464
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALIC SPRING WASHER	TEIST TEST	BS 4464
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALIC SPRING WASHERS	PERMANENT LOAD TEST	BS 4464
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	METALLIC MATERIALS	IZOD IMPACT TEST	IS: 1598
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS TUBES(COPPER)	DOUBLING-OVER TEST	IS:2501
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	ROLLED STEEL PRODUCTS	`WEIGHT/ METER (MASS) SECTIONAL AREA	IS 808/IS1730/1732/1852

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381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	SINGLE COIL RECTANGULAR SECTION SPRING WASHERS	PERMANENT SET TEST	IS:3063-1994(R.A. 2015)
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	SINGLE COIL RECTANGULAR SECTION SPRING WASHERS	PERMANENT LOAD TEST	IS 3063
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	SINGLE COIL RECTANGULAR SECTION SPRING WASHERS	TWIST TEST	IS 3063
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM E 562
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 800
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 799
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners Bolts / Screw	Tensile, Proof Load, Wedge Load test	AS/NZS/1559
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners Bolts / Screw	Tensile, Proof Load, Wedge Load tests	IS:1367 Pt 3 && PT -14
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners Bolts / Screw	Tensile, Proof Load, Wedge Load Tests	ISO:898-1
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners Bolts / Screw /Stud	Tensile, Proof Load, Wedge Load Test	ASTM A 193
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL FASTENERS NUTS	PROOF LOAD TEST	ASTM: A194M
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Fasteners nuts	PROOF LOAD TEST	IS 1367 (PT- 6)
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL FASTENERS NUTS	PROOF LOAD TEST	IS 1367(Part 14)SEC II
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL FASTNERS NUTS	PROOF LOAD TEST	AS/NZS:1559

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395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL FASTNERS NUTS	PROOF LOAD TEST	ISO:898-2
396	MECHANICAL-METALLOGRAPHY TEST	ALUMINUM AND ITS ALLOYS	THICKNESS OF ANODIC COATINGS(MICROSCOPIC METHOD),	IS:5523
397	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	DETECTING SUSCEPTIBILITY TO INTERGRANULAR CORROSION ATTACK - (IGC B & C)	ASTM: A 262 (PRACTICE B & C)
398	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	DETECTING SUSCEPTIBILITY TO INTERGRANULAR CORROSION ATTACK - IGC PRACTICE E	IS 10461 PT-2
399	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	DETECTING SUSCEPTIBILITY TO INTERGRANULAR CORROSION ATTACK - IGC PRACTICE A & E	ASTM A 262 (PRACTICE A & E)
400	MECHANICAL-METALLOGRAPHY TEST	AUSTENITIC STAINLESS STEELS	DETECTING SUSCEPTIBILITY TO INTERGRANULAR CORROSION ATTACK - IGC PRACTICE C.	IS 10461 PT- 1
401	MECHANICAL-METALLOGRAPHY TEST	CAST IRON	MICROSTRUCTURE EXAMINATION	IS:7754
402	MECHANICAL-METALLOGRAPHY TEST	DUCTILE IRON	MICROSTRUCTURE EXAMINATION, FOR NODULARITY AND NODULE COUNT TEST	ASTM E 2567
403	MECHANICAL-METALLOGRAPHY TEST	DUPLEX AUSTENITIC/FERRITIC STAINLESS STEEL	DETECTING DETRIMENTAL INTERMETALLIC PHASE	ASTM A 923
404	MECHANICAL-METALLOGRAPHY TEST	ELECTROPLATED COATING	TESTING LOCAL THICKNESS BY MICROSCOPIC METHOD	ASTM B487-1985
405	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS	ESTIMATION OF: a)AVERAGE GRAIN SIZE, b) AUSTENITIC GRAIN SIZE FOR STEEL(COMPARISON METHOD)	IS:4748
406	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS	ESTIMATION OF: a)AVERAGE GRAIN SIZE, b) AUSTENITIC GRAIN SIZE FOR STEEL(COMPARISON METHOD)	ASTM: E112
407	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS	TESTING LOCAL THICKNESS BY MICROSCOPIC METHOD ELECTROPLATED COATING	IS:3203-1982(R.A.2016)
408	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS MATERIAL AND WELDED TEST COUPON	MACRO EXAMINATION	ASTM E340

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409	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS METAL	ESTIMATION OF: a)AVERAGE GRAIN SIZE, b) AUSTENITIC GRAIN SIZE FOR STEEL(COMPARISON METHOD)	ISO:643
410	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS METAL	MICROSTRUCTURE EXAMINATION, IN-SITU METALLOGRAPHY-PRODUCTION & EVALUATION OF REPLICAS	ASTM E1351
411	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS METAL	MICROSTRUCTURE EXAMINATION, IN-SITU METALLOGRAPHY-PRODUCTION & EVALUATION OF REPLICAS	METAL HANDBOOK VOL7, 8th EDITON
412	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous welded test coupons	Macro and Micro examination	ISO:17639
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material and welded test coupon	Macro Examination	IS 3600 (PT-9)
414	MECHANICAL-METALLOGRAPHY TEST	IRON AND STEEL PRODUCTS	TESTING LOCAL THICKNESS BY MICROSCOPIC METHOD OF ZINC	IS:1573
415	MECHANICAL-METALLOGRAPHY TEST	PHOSPHATE COATING ON IRON AND STEEL	DETERMINATION OF MASS OF PHOSPHATE COATING	IS 3618
416	MECHANICAL-METALLOGRAPHY TEST	STAINLESS STEEL AND RELATED ALLOYS	PITTING AND CREVICE COROSION RESISTANCE BY USE OF FERRIC CHLORIDE SOLUTION	ASTM G48
417	MECHANICAL-METALLOGRAPHY TEST	Steel Bar, Bullets Blooms And Forging	Macro Examination	ASTM E 381
418	MECHANICAL-METALLOGRAPHY TEST	STEEL PRODUCTS	MACRO EXAMINATION	IS:13015
419	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF NON MEALLIC INCLUSION CONTENT BY MICROSCOPIC EXAMINATION	IS: 4163
420	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF NON-METALLIC INCLUSION CONTENT BY MICROSCOPIC EXAMINATION	ASTM E45:2018a Method A

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421	MECHANICAL-METALLOGRAPHY TEST	STEELS	DETERMINATION OF NON-METALLIC INCLUSION CONTENT BY MICROSCOPIC EXAMINATION	ISO 4967
422	MECHANICAL-METALLOGRAPHY TEST	STEELS	MEASUREMENT OF CASE DEPTH(MICROSCOPIC METHOD)	IS:6416
423	MECHANICAL-METALLOGRAPHY TEST	STEELS	MEASUREMENT OF DEPTH OF DECARBURISATION (MICROSCOPIC METHOD)	IS:6396/2000
424	MECHANICAL-METALLOGRAPHY TEST	STEELS	MEASUREMENT OF DEPTH OF DECARBURISATION BY MICROSCOPIC METHOD	ASTM E1077
425	MECHANICAL-METALLOGRAPHY TEST	TIN COATING ON IRON,STEEL,NICKEL ALLOYS, COPPER AND COPPER ALLOYS	DETERMINATION OF THICKNESS OF TIN COATING BY MASS METHOD	IS 1359
426	MECHANICAL-METALLOGRAPHY TEST	WROUGHT STEEL PRODUCT	MACRO EXAMINATION	IS;11371
427	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION , CONTACT METHOD	EN 10160
428	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A 609
429	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:7666
430	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAW	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	ASTM E 2375
431	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAW	ULTRASONIC FLAW DETECTION CONTACT METHOD	IS 3664
432	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAWS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASME SEC V ARTICLE 23 SE 745
433	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTING	MAGNETIC PARTICLE INSPECTION yoke , visible technique	EN 1369
434	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNETIC PARTICLE TESTING (YOKE VISIBLE TECHNIQUE)	IS:3703
435	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNETIC PARTICLE TESTING (YOKE - VISIBLE)	ASME SEC V ARTICLE 25 SE 709

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436	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE)	ASTM E 709
437	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF FORGINGS	Magnetic PARTICLE TESTING (YOKE VISIBLE)	IS:7743
438	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF METALS & WELDS	Magnetic PARTICLE TESTING (YOKE VISIBLE TECHNIQUE)	IS:5334
439	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF PIPES, TUBES & WELDS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE)	IS:6752
440	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF PIPES, TUBES, WELD, CASTING & FORGING	MAGNETIC PARTICLE TESTING (YOKE - VISIBLE)	IS:3703
441	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF STEEL FORGING	MAGNETIC PARTICAL TESTING (YOKE TYPE)-VISIBLE	ASTM A275
442	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF WELDS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE technique)	ISO 17638
443	NON-DESTRUCTIVE-METALS & ALLOYS	FERRITE OR MATTENSITIC STEEL FORGING	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN 10228
444	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E 165
445	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E1220
446	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E1417
447	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ISO 3452-1
448	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL AND WELDED MATERIAL	VISUAL TESTING OF FUSION WELD	ISO 17637
449	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS WELDED PIPE AND TUBLLER PRODUCT	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:7343
450	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	IS:11626
451	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A388

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452	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E114
453	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:8791
454	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY ” CONTACT METHOD	ASTM A 745
455	NON-DESTRUCTIVE-METALS & ALLOYS	LIQUID PENETRANT TESTING OF MATERIALS	Liquid Penetrant test by Solvent Removable type(Visible)	IS:3658:99
456	NON-DESTRUCTIVE-METALS & ALLOYS	METALLIC WELDED MATERIAL	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 164
457	NON-DESTRUCTIVE-METALS & ALLOYS	PIPE AND TUBE PRODUCTS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 273
458	NON-DESTRUCTIVE-METALS & ALLOYS	PIPE/TUBE PRODUCT	FLAW DETECTION BY A-SCAN CONTACT METHOD	IS 6394:06 RA
459	NON-DESTRUCTIVE-METALS & ALLOYS	PIPES AND TUBES	ULTRASONIC FLAW DETECTION CONTACT METHOD	ASTM E 213
460	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A 435
461	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A578
462	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	EN 10160
463	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	ASTM A577
464	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	IS:4225
465	NON-DESTRUCTIVE-METALS & ALLOYS	PLATES	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:11630
466	NON-DESTRUCTIVE-METALS & ALLOYS	SPHEROIDAL GRAPHITE CAST IRON	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN 12680 -1

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467	NON-DESTRUCTIVE-METALS & ALLOYS	steel welds	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:4260
468	NON-DESTRUCTIVE-METALS & ALLOYS	STRUCTURAL WELDS	ULTRASONIC TESTING	AWS. D1.1
469	NON-DESTRUCTIVE-METALS & ALLOYS	THICKNESS MEASUREMENT	FLAW DETECTION BY A-SCAN CONTACT METHOD	ASTM E797/
470	NON-DESTRUCTIVE-METALS & ALLOYS	WELD	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 587
471	NON-DESTRUCTIVE-METALS & ALLOYS	WELD	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN ISO:17640
472	NON-DESTRUCTIVE-METALS & ALLOYS	weld	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:4260
473	NON-DESTRUCTIVE-METALS & ALLOYS	WELD, plate	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASME SEC V ARTICLE 4 & 5

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Mobile Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON AND STEEL ARTICLES	THICKNESS OF ZINC COATING	IS 6012
2	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	CHROMIUM	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COBALT	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	COPPER	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	IRON	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	LEAD	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MAGNESIUM	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	MANGANESE	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	NICKEL	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	SILICON	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TIN	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	TITANIUM	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	VANADIUM	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	ZINC	ASTM E 1251
15	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	ASTM E 1999
16	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	ASTM E 1999
17	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	IS 15338
18	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	JIS G 1253

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19	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	ASTM E 1999
20	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	IS: 15338
21	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	JIS G 1253
22	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	ASTM E 1999
23	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	IS:15338
24	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	IS 15338
26	CHEMICAL- METALS & ALLOYS	CAST IRON	MAGNESIUM	JIS G 1253
27	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	ASTM E 1999
28	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	IS: 15338
29	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	JISG 1253
30	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	ASTM E 1999
31	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	IS:15338
32	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	JIS G 1253
33	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	ASTM E 1999
34	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	IS: 15338
35	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	JIS G 1253
36	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	ASTM E 1999
37	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	IS: 15338

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38	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	JIS G1253
39	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	IS:15338
40	CHEMICAL- METALS & ALLOYS	CAST IRON	SULPHUR	ASTME 1999
41	CHEMICAL- METALS & ALLOYS	CAST IRON	SULPHUR	JIS G 1253
42	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	ASTM E 1999
43	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	IS: 15338
44	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	JIS G 1253
45	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOY	CHROMIUM	BS EN 15079:
46	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ALUMINIUM	BS EN 15079
47	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ANTIMONY	BS EN 15079:
48	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ARSENIC	BS EN 15079
49	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	BISMUTH	BS EN 15079
50	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	CADMIUM	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	COBALT	BS EN 15079
52	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	IRON	BS EN 15079
53	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	LEAD	BS EN 15079:
54	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	MANGANESE	BS EN 15079:
55	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	NICKEL	BS EN 15079
56	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	PHOSPHORUS	BS EN 15079:

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57	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SILICON	BS EN 15079
58	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SILVER	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	SULFUR	BS EN 15079
60	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	TIN	BS EN 15079:
61	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZINC	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	ZIRCONIUM	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINIUM	IS:9879
64	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINUM	ASTM E 1086
65	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	ALUMINUM	JIS G 1253
66	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CARBON	ASTM E 1086
67	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	CARBON	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COBALT	ASTM E 1086
69	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COBALT	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	ASTM E 1086
71	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	IS:9879
72	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	COPPER	JIS G 1253
73	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	ASTM E 1086
74	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	IS:9879
75	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MANGANESE	JIS G 1253

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76	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	ASTM E 1086
77	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	IS:9879
78	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	MOLYBDENUM	JIS G 1253
79	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	ASTM E 1086
80	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	IS:9879
81	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NIOBIUM	JIS G 1253
82	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	NITROGEN	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	ASTM E 1086
84	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	IS:9879
85	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	PHOSPHORUS	JIS G 1253
86	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SILICON	ASTM E 1086
87	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SILICON	JIS G 1253
88	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULFUR	IS:9879
89	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULPHUR	ASTM E 1086
90	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	SULPHUR	JIS G 1253
91	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TIN	ASTM E 1086
92	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TIN	JIS G 1253
93	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TITANIUM	ASTM E 1086
94	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni Steels/ Stainless Steels	TITANIUM	IS:9879

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95	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TITANIUM	JIS G 1253
96	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TUNGSTEN	ASTM E 1086
97	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	TUNGSTEN	JIS G 1253
98	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	VANADIUM	ASTM E 1086
99	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/ STAINLESS STEELS	VANADIUM	JIS G 1253
100	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni Steels/Stainless Steel	SILICON	IS:9879
101	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	TIN	IS:9879
102	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	CARBON	IS:9879
103	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	COBALT	IS:9879
104	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	NITROGEN	IS 228 (PART 23)
105	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	TUNGSTEN	IS:9879
106	CHEMICAL- METALS & ALLOYS	Cr-Cr/Ni STEELS/STAINLESS STEELS	VANADIUM	IS:9879
107	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	CHROMIUM	ASTM E 1476
108	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COBALT	ASTM E1476
109	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COPPER	ASTM E 1476
110	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MANGANESE	ASTM E 1476
111	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MOLYBDENUM	ASTM E 1476
112	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	NICKEL	ASTM E1476
113	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	TUNGSTEN	ASTM E 1476

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114	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	VANADIUM	ASTM E 1476
115	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	CHROMIUM	ASTM E 1476
116	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	COPPER	ASTM E1476
117	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MANGANESE	ASTM E1476
118	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MOLYBDENUM	ASTM E 1476
119	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NICKEL	ASTM E 1476
120	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NIOBIUM	ASTM E 1476
121	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	TITANIUM	ASTM E 1476
122	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	VANADIUM	ASTM E 1476
123	CHEMICAL- METALS & ALLOYS	PLAIN CARBIN AND LOW ALLOY STEEL	BORON	ASTM E 415
124	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ALUMINIUM	ASTM E 415
125	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ALUMINIUM	IS 8811
126	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	ARSENIC	IS 8811
127	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	BORON	IS 8811
128	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CARBON	IS 8811
129	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	CHROMIUM	IS 8811
130	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	COBALT	IS 8811
131	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	COPPER	IS 8811
132	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MANGANESE	IS 8811

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133	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	MOLYBDENUM	IS 8811
134	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NICKEL	IS 8811
135	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NIOBIUM	IS 8811
136	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	NITROGEN	IS 228 (PART 23)
137	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	PHOSPHORUS	IS 8811
138	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SILICON	IS 8811
139	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	SULFUR	IS 8811
140	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TIN	IS 8811
141	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TITANIUM	IS 8811
142	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	TUNGSTEN	IS 8811
143	CHEMICAL- METALS & ALLOYS	PLAIN CARBON & LOW ALLOY STEEL	VANADIUM	IS 8811
144	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AMD LOW ALLOY STEEL	CARBON	JIS G 1253
145	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MOLYBDENUM	ASTM E 415
146	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ALUMINIUM	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ARSENIC	ASTM E 415
148	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	ARSENIC	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	BORON	JIS G 1253
150	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	CARBON	ASTM E 415
151	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	CHROMIUM	JIS G 1253

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152	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COBALT	ASTM E 415
153	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COBALT	JIS G 1253
154	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COPPER	ASTM E 415
155	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	COPPER	JISG 1253
156	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MANGANESE	ASTM E 415
157	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MANGANESE	JIS G 1253
158	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	MOLYBDENUM	JIS G 1253
159	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NICKEL	JIS G 1253
160	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NIOBIUM	ASTM E 415
161	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NIOBIUM	JIS G 1253
162	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	NITROGEN	JIS G 1253
163	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	PHOSPHORUS	ASTM E 415
164	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SILICON	ASTM E 415
165	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SILICON	JIS G 1253
166	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	SULPHUR	JIS G 1253
167	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TIN	ASTM E 415
168	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TIN	JIS G 1253
169	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TITANIUM	ASTM E 415
170	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TITANIUM	JIS G 1253

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171	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TUNGSTEN	ASTM E 415
172	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	TUNGSTEN	JIS G 1253
173	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	VANADIUM	ASTM E 415
174	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALLOY STEEL	VANADIUM	JISG 1253
175	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW ALOY STEEL	CHROMIUM	ASTM E 415
176	CHEMICAL- METALS & ALLOYS	PLAIN CARBON AND LOW CARBON STEEL	NICKEL	ASTM E 415
177	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL AND LOWALLOY STEEL	PHOSPHORUS	JIS G 1253
178	CHEMICAL- METALS & ALLOYS	PLAIN CARBON STEEL AND LOWALLOY STEEL	SULPHUR	ASTME 415
179	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	CHROMIUM	ASTM E1476
180	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	COPPER	ASTM E1476
181	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MANGANESE	ASTM E 1476
182	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MOLYBDENUM	ASTM E1476
183	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NICKEL	ASTM E 1476
184	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NOBIUM	ASTM E 1476
185	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	TITANIUM	ASTM E 1476
186	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	ALUMINIUM	ISO:3815-1
187	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	ANTIMONY	ISO:3815-1
188	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	BISMUTH	ISO:3815-1
189	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	CADMIUM	ISO:3815-1

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190	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	COPPER	ISO:3815-1
191	CHEMICAL- METALS & ALLOYS	Zinc & Zinc- Alloys	IRON	ISO:3815-1
192	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	LEAD	ISO:3815-1
193	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	MAGNESIUM	ISO:3815-1
194	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	MANGANESE	ISO:3815-1
195	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	NICKEL	ISO:3815-1
196	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	TIN	ISO:3815-1
197	CHEMICAL- METALS & ALLOYS	ZINC & ZINC- ALLOYS	TITANIUM	ISO:3815-1
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Welded Test coupon/ Material	Visual Examination	ISO 17637
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM E 562
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 800
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 799
202	NON-DESTRUCTIVE- METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE)	ASTM E 709

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Site Facility				
1	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	CHROMIUM	ASTM E 1476
2	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COBALT	ASTM E1476
3	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	COPPER	ASTM E 1476
4	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MANGANESE	ASTM E 1476
5	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	MOLYBDENUM	ASTM E 1476
6	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	NICKEL	ASTM E1476
7	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	TUNGSTEN	ASTM E 1476
8	CHEMICAL- METALS & ALLOYS	HIGH ALLOY STEELS	VANADIUM	ASTM E 1476
9	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	CHROMIUM	ASTM E 1476
10	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	COPPER	ASTM E1476
11	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MANGANESE	ASTM E1476
12	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	MOLYBDENUM	ASTM E 1476
13	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NICKEL	ASTM E 1476
14	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	NIOBIUM	ASTM E 1476
15	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	TITANIUM	ASTM E 1476
16	CHEMICAL- METALS & ALLOYS	LOW ALLOY STEELS	VANADIUM	ASTM E 1476
17	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	CHROMIUM	ASTM E1476
18	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	COPPER	ASTM E1476

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19	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MANGANESE	ASTM E 1476
20	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	MOLYBDENUM	ASTM E1476
21	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NICKEL	ASTM E 1476
22	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	NOBIUM	ASTM E 1476
23	CHEMICAL- METALS & ALLOYS	STAINLESS STEELS	TITANIUM	ASTM E 1476
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM E 562
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL AND WELDED MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 800
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	STEEL ,STAINLESS STEEL MATERIAL	VOLUME FRACTION BY SYSTEMATIC MANUAL POINT COUNT (FERRITE CONTENT)	ASTM A 799
27	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS METAL	MICROSTRUCTURE EXAMINATION, IN-SITU METALLOGRAPHY-PRODUCTION & EVALUATION OF REPLICAS	ASTM E1351
28	MECHANICAL-METALLOGRAPHY TEST	FERROUS AND NON FERROUS METAL	MICROSTRUCTURE EXAMINATION, IN-SITU METALLOGRAPHY-PRODUCTION & EVALUATION OF REPLICAS	METAL HANDBOOK VOL7, 8th EDITON
29	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION , CONTACT METHOD	EN 10160
30	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A 609
31	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:7666
32	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAW	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	ASTM E 2375
33	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAW	ULTRASONIC FLAW DETECTION CONTACT METHOD	IS 3664

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34	NON-DESTRUCTIVE-METALS & ALLOYS	DETECTION OF INTERNAL FLAWS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASME SEC V ARTICLE 23 SE 745
35	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTING	MAGNETIC PARTICLE INSPECTION yoke , visible technique	EN 1369
36	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNETIC PARTICLE TESTING (YOKE VISIBLE TECHNIQUE)	IS:3703
37	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNETIC PARTICLE TESTING (YOKE - VISIBLE)	ASME SEC V ARTICLE 25 SE 709
38	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF CASTINGS AND FORGINGS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE)	ASTM E 709
39	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF FORGINGS	Magnetic PARTICLE TESTING (YOKE VISIBLE)	IS:7743
40	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF METALS & WELDS	Magnetic PARTICLE TESTING (YOKE VISIBLE TECHNIQUE)	IS:5334
41	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF PIPES, TUBES & WELDS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE)	IS:6752
42	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF PIPES, TUBES, WELD, CASTING & FORGING	MAGNETIC PARTICLE TESTING (YOKE - VISIBLE)	IS:3703
43	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF STEEL FORGING	MAGNETIC PARTICAL TESTING (YOKE TYPE)-VISIBLE	ASTM A275
44	NON-DESTRUCTIVE-METALS & ALLOYS	EXAMINATION OF WELDS	MAGNITIC PARTICLE TESTING (YOKE VISIBLE technique)	ISO 17638
45	NON-DESTRUCTIVE-METALS & ALLOYS	FERRITE OR MATTENSITIC STEEL FORGING	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN 10228
46	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E 165
47	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E1220
48	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ASTM E1417
49	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL	LIQUID PENETRANT TEST BY SOLVENT REMOVAL TYPE (VISIBLE)	ISO 3452-1

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50	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON FERROUS MATERIAL AND WELDED MATERIAL	VISUAL TESTING OF FUSION WELD	ISO 17637
51	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS WELDED PIPE AND TUBLLER PRODUCT	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:7343
52	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	IS:11626
53	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A388
54	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E114
55	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:8791
56	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	ULTRASONIC FLAW DETECTION BY ” CONTACT METHOD	ASTM A 745
57	NON-DESTRUCTIVE-METALS & ALLOYS	LIQUID PENETRANT TESTING OF MATERIALS	Liquid Penetrant test by Solvent Removable type(Visible)	IS:3658:99
58	NON-DESTRUCTIVE-METALS & ALLOYS	METALLIC WELDED MATERIAL	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 164
59	NON-DESTRUCTIVE-METALS & ALLOYS	PIPE AND TUBE PRODUCTS	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 273
60	NON-DESTRUCTIVE-METALS & ALLOYS	PIPE/TUBE PRODUCT	FLAW DETECTION BY A-SCAN CONTACT METHOD	IS 6394:06 RA
61	NON-DESTRUCTIVE-METALS & ALLOYS	PIPES AND TUBES	ULTRASONIC FLAW DETECTION CONTACT METHOD	ASTM E 213
62	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A 435
63	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM A578
64	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	EN 10160

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65	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	ASTM A577
66	NON-DESTRUCTIVE-METALS & ALLOYS	PLATE	ULTRASONIC FLAW DETECTION BY CONTACT METHOD	IS:4225
67	NON-DESTRUCTIVE-METALS & ALLOYS	PLATES	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:11630
68	NON-DESTRUCTIVE-METALS & ALLOYS	SPHEROIDAL GRAPHITE CAST IRON	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN 12680 -1
69	NON-DESTRUCTIVE-METALS & ALLOYS	steel welds	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:4260
70	NON-DESTRUCTIVE-METALS & ALLOYS	STRUCTURAL WELDING FOR STEEL	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	AWS D1.1
71	NON-DESTRUCTIVE-METALS & ALLOYS	STRUCTURAL WELDS	ULTRASONIC TESTING	AWS. D1.1
72	NON-DESTRUCTIVE-METALS & ALLOYS	THICKNESS MEASUREMENT	FLAW DETECTION BY A-SCAN CONTACT METHOD	ASTM E797/
73	NON-DESTRUCTIVE-METALS & ALLOYS	WELD	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASTM E 587
74	NON-DESTRUCTIVE-METALS & ALLOYS	WELD	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	BS EN ISO:17640
75	NON-DESTRUCTIVE-METALS & ALLOYS	weld	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	IS:4260
76	NON-DESTRUCTIVE-METALS & ALLOYS	WELD, plate	ULTRASONIC FLAW DETECTION BY “A- SCAN” CONTACT METHOD	ASME SEC V ARTICLE 4 & 5
77	NON-DESTRUCTIVE-METALS & ALLOYS	WELDED PLATE (FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	IS:1182
78	NON-DESTRUCTIVE-METALS & ALLOYS	WELDED STEEL PIPE (BUTT JOINT)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	IS:4853
79	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALIC FORGNGS (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	IS:2595
80	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALLIC CASTING (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	ASTM E1030

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81	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALLIC CASTING / FORGNGS (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X RAY	ASTM E 1032
82	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALLIC CASTING / FORGNGS (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	ASME SEC V ARTICLE 2
83	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALLIC CASTING / FORGNGS (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	ASTM E 94
84	NON-DESTRUCTIVE-METALS & ALLOYS	WELDMENTS AND METALLIC CASTING / FORGNGS (FERROUS AND NON FERROUS)	RADIOGRAPHY TESTNG BY X-RAY & GAMMA RAY (Ir-192)	ISO:17636 PT 1