



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

RAGHAVENDRA SPECTRO METALLURGICAL LABORATORY LLP, PLOT NO 326, IX CROSS, IV PHASE,
PEENYA INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-17358

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Validity

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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 Testing				
1	CHEMICAL-CORROSION TESTS	Metals & alloys and metallic Products	Salt Spray Test	ASTM B 117
2	CHEMICAL-CORROSION TESTS	Plated Products / Panels / Raw Materials	Plated and painted surfaces	ISO 9227
3	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Cadmium	IEC 62321-3-1
4	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Cadmium	IEC 62321-5
5	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Hexavalent Chromium	IEC 62321 Edition 1
6	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Hexavalent Chromium	IEC 62321 Edition 1
7	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Lead	IEC 62321-3-1
8	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Lead	IEC 62321-5
9	CHEMICAL-HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Mercury	IEC 62321-3-1



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10	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Mercury	IEC 62321-4/AMD1
11	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Total Bromine	IEC 62321-3-1
12	CHEMICAL- HAZARDOUS & RESTRICTED CHEMICALS	Metals & Non-metals	Total Chromium	IEC 62321-3-1
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous materials, alloys & products	Adhesion Testing, Paint Surface on Metals	ASTM D 3359 Method B
14	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Ferrous materials, alloys & products	Adhesion Testing, Paint Surface on Metals	ASTM D 3359 Method A
15	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings	Adhesion Tests using heat quench test	ASTM B 571
16	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic coatings	Mass of Zinc Coating	IS 6745
17	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings	Pivoted Hammer Test for Zinc Coats	IS 2629
18	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings	Uniformity of Zinc Coating	IS 2633 Clause 6.1.2



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19	CHEMICAL- METALS & ALLOYS	Adhesion Test	Pivoted Hammer Test for Zmc Coats	IS 2629
20	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	ASTM E 1999
21	CHEMICAL- METALS & ALLOYS	Alloy Steel	Carbon	IS 15338
22	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium	ASTM E 1999
23	CHEMICAL- METALS & ALLOYS	Alloy Steel	Chromium	IS 15338
24	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper	ASTM E 1999
25	CHEMICAL- METALS & ALLOYS	Alloy Steel	Copper	IS 15338
26	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese	ASTM E 1999
27	CHEMICAL- METALS & ALLOYS	Alloy Steel	Manganese	IS 15338
28	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel	ASTM E 1999
29	CHEMICAL- METALS & ALLOYS	Alloy Steel	Nickel	IS 15338
30	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous	ASTM E 1999
31	CHEMICAL- METALS & ALLOYS	Alloy Steel	Phosphorous	IS 15338
32	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	ASTM E 1999
33	CHEMICAL- METALS & ALLOYS	Alloy Steel	Silicon	IS 15338
34	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur	ASTM E 1999



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35	CHEMICAL- METALS & ALLOYS	Alloy Steel	Sulphur	IS 15338
36	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Chromium	ASTM E 1251
37	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E 1251
38	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Copper	ASTM E 3061
39	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 1251
40	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Iron	ASTM E 3061
41	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E 1251
42	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Lead	ASTM E 3061
43	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E 1251
44	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Magnesium	ASTM E 3061
45	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E 1251
46	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Manganese	ASTM E 3061
47	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E 1251
48	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Nickel	ASTM E 3061
49	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Silicon	ASTM E 1251
50	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E 1251



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51	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Tin	ASTM E 3061
52	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E 1251
53	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Titanium	ASTM E 3061
54	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E 1251
55	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zinc	ASTM E 3061
56	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminium	ASTM E 415
57	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Aluminium	IS 8811
58	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Boron	ASTM E 415
59	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Boron	IS 8811
60	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon	ASTM E 415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon	IS 228 Part 1
62	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Carbon	IS 8811
63	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium	ASTM E 415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Chromium	IS 8811
65	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Cobalt	IS 8811



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67	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper	ASTM E 415
68	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Copper	IS 8811
69	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Lead	ASTM E 415
70	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Lead	IS 8811
71	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese	ASTM E 415
72	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese	ASTM E350
73	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Manganese	IS 8811
74	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum	ASTM E 415
75	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Molybdenum	IS 8811
76	CHEMICAL- METALS & ALLOYS	Carbon steel (Low Carbon, Medium Carbon & High Carbon Steel)	Molybdenum	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
77	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel	ASTM E 415
78	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Nickel	IS 8811
79	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Niobium	ASTM E 415
80	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Niobium	IS 8811
81	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorous	ASTM E 350
82	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorous	ASTM E 415



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83	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Phosphorous	IS 8811
84	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon	ASTM E 415
85	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Silicon	IS 8811
86	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Tin	ASTM E 415
87	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Tin	IS 8811
88	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Titanium	ASTM E 415
89	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Titanium	IS 8811
90	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium	ASTM E 415
91	CHEMICAL- METALS & ALLOYS	Carbon Steel (low carbon, medium carbon & high carbon steel)	Vanadium	IS 8811
92	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Aluminium	IS 15338
93	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Molybdenum	ASTM E 1999
94	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Molybdenum	IS 15338
95	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Silicon	IS 12308 Part 6
96	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Titanium	ASTM E 1999
97	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Vanadium	ASTM E 1999
98	CHEMICAL- METALS & ALLOYS	Cast Iron - Raw Materials, Semi-finished and Finished Components	Vanadium	IS 15338



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99	CHEMICAL- METALS & ALLOYS	Cast Iron -Raw Materials, semi finished and finished components	Copper	IS 15338
100	CHEMICAL- METALS & ALLOYS	Cast Iron- Raw Materials, semi finished and finished components	Copper	ASTM E 1999
101	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BN EN 15079
102	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BN EN 15079
104	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 7212 Clause 5
105	CHEMICAL- METALS & ALLOYS	Copper & its Alloys	Copper	IS 7212 Clause 6
106	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 4027 Part 8
108	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BN EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
111	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 440
112	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorous	BN EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorous	IS 440
114	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079



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115	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	IS 3685
116	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BN EN 15079
118	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	IS 4027 Part 5
119	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low & Medium Carbon Steel	Chromium	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
121	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low & Medium Carbon Steel	Copper	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
122	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low & Medium Carbon Steel	Molybdenum	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
123	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low & Medium Carbon Steel	Nickel	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
124	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low and Medium Carbon Steel	Manganese	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
125	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low and Medium Carbon Steel	Phosphorous	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
126	CHEMICAL- METALS & ALLOYS	Iron & its alloys - Low and Medium Carbon Steel	Sulphur	RSML/SOP/ICP-OES 01, Issue Date: 12.06.2018, Issue No.01
127	CHEMICAL- METALS & ALLOYS	Iron & Steel	Tungsten	JIS G 1253
128	CHEMICAL- METALS & ALLOYS	Low alloy steel	Silicon	ASTM E 353



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129	CHEMICAL- METALS & ALLOYS	Low carbon, Medium & High carbon steel	Carbon	JIS G 1253
130	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & high carbon steel	Chromium	JIS G 1253
131	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Cobalt	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Copper	JIS G 1253
133	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Lead	JIS G 1253
134	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Manganese	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Molybdenum	JIS G 1253
136	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Neobium	JIS G 1253
137	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Nickel	JIS G 1253
138	CHEMICAL- METALS & ALLOYS	Low carbon, medium & high carbon steel	Nitrogen	JIS G 1253
139	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Phosphorous	JIS G 1253
140	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Silicon	JIS G 1253
141	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Sulphur	JIS G 1253
142	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Tin	JIS G 1253
143	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Titanium	JIS G 1253
144	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Tungston	JIS G 1253



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145	CHEMICAL- METALS & ALLOYS	Low Carbon, Medium & High Carbon steel	Vanadium	JIS G 1253
146	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E 3047
147	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E 3047
148	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E 3047
149	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E 3047
150	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Neobium	ASTM E 3047
151	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorous	ASTM E 3047
152	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E 3047
153	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulfur	ASTM E 3047
154	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E 3047
155	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E 3047
156	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E 3047
157	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zirconium	ASTM E 3047
158	CHEMICAL- METALS & ALLOYS	Raw Materials, semi finished and finished components	Sulphur	ASTM E 415
159	CHEMICAL- METALS & ALLOYS	Raw Materials, semifinished and finished components	Sulphur	IS 8811
160	CHEMICAL- METALS & ALLOYS	Stainles steel	Carbon	ASTM E 1086



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161	CHEMICAL- METALS & ALLOYS	Stainles steel	Carbon	IS 228 Part 1
162	CHEMICAL- METALS & ALLOYS	Stainles steel	Carbon	IS 9879
163	CHEMICAL- METALS & ALLOYS	Stainles steel	Chromium	ASTM E 1086
164	CHEMICAL- METALS & ALLOYS	Stainles steel	Chromium	IS 9879
165	CHEMICAL- METALS & ALLOYS	Stainles steel	Cobalt	IS 9879
166	CHEMICAL- METALS & ALLOYS	Stainles steel	Copper	ASTM E 1086
167	CHEMICAL- METALS & ALLOYS	Stainles steel	Copper	IS 9879
168	CHEMICAL- METALS & ALLOYS	Stainles steel	Lead	IS 9879
169	CHEMICAL- METALS & ALLOYS	Stainles steel	Manganese	ASTM E 1086
170	CHEMICAL- METALS & ALLOYS	Stainles steel	Manganese	IS 9879
171	CHEMICAL- METALS & ALLOYS	Stainles steel	Molybdenum	ASTM E 1086
172	CHEMICAL- METALS & ALLOYS	Stainles steel	Molybdenum	IS 9879
173	CHEMICAL- METALS & ALLOYS	Stainles steel	Nickel	ASTM E 1086
174	CHEMICAL- METALS & ALLOYS	Stainles steel	Nickel	IS 9879
175	CHEMICAL- METALS & ALLOYS	Stainles steel	Niobium	IS 9879
176	CHEMICAL- METALS & ALLOYS	Stainles steel	Phosphorous	ASTM E 1086



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177	CHEMICAL- METALS & ALLOYS	Stainles steel	Phosphorous	IS 9879
178	CHEMICAL- METALS & ALLOYS	Stainles steel	Silicon	ASTM E 1086
179	CHEMICAL- METALS & ALLOYS	Stainles steel	Silicon	ASTM E 353
180	CHEMICAL- METALS & ALLOYS	Stainles steel	Silicon	IS 9879
181	CHEMICAL- METALS & ALLOYS	Stainles steel	Sulphur	ASTM E 1086
182	CHEMICAL- METALS & ALLOYS	Stainles steel	Sulphur	IS 9879
183	CHEMICAL- METALS & ALLOYS	Stainles steel	Titanium	IS 9879
184	CHEMICAL- METALS & ALLOYS	Stainles steel	Tungsten	IS 9879
185	CHEMICAL- METALS & ALLOYS	Stainles steel	Vanadium	IS 9879
186	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	ASTM E 1086
187	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	IS 9879
188	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G 1253
189	CHEMICAL- METALS & ALLOYS	Stainless steel	Boron	ASTM E 1086
190	CHEMICAL- METALS & ALLOYS	Stainless steel	Boron	IS 9879
191	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G 1253
192	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253



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193	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
194	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
195	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
196	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
197	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
198	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead	JIS G 1253
199	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
200	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
201	CHEMICAL- METALS & ALLOYS	Stainless Steel	Neobium	JIS G 1253
202	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
203	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
204	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G 1253
205	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
206	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
207	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
208	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253



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209	CHEMICAL- METALS & ALLOYS	Stainless steel & HSS	Chromium	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
210	CHEMICAL- METALS & ALLOYS	Stainless steel & HSS	Copper	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
211	CHEMICAL- METALS & ALLOYS	Stainless Steel & HSS	Manganese	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
212	CHEMICAL- METALS & ALLOYS	Stainless steel & HSS	Molybdenum	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
213	CHEMICAL- METALS & ALLOYS	Stainless steel & HSS	Nickel	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
214	CHEMICAL- METALS & ALLOYS	Stainless steel & HSS	Phosphorous	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
215	CHEMICAL- METALS & ALLOYS	Stainless stell & HSS	Sulphur	RSML/SOP/ICP-OES 02, Issue Date: 12.06.2018, Issue No. 1
216	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Aluminium	JIS G 1253
217	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Boron	JIS G 1253
218	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Carbon	JIS G 1253
219	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Chromium	JIS G 1253
220	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Cobalt	JIS G 1253
221	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Copper	JIS G 1253
222	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Lead	JIS G 1253



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223	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Magnesium	JIS G 1253
224	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Manganese	JIS G 1253
225	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Molybdenum	JIS G 1253
226	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Nickel	JIS G 1253
227	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Niobium	JIS G 1253
228	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Nitrogen	JIS G 1253
229	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Phosphorus	JIS G 1253
230	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Silicon	JIS G 1253
231	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Sulphur	JIS G 1253
232	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Tin	JIS G 1253
233	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Titanium	JIS G 1253
234	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Tungsten	JIS G 1253
235	CHEMICAL- METALS & ALLOYS	Steel, Stainless steel , Cast Iron & Tool Steel	Vanadium	JIS G 1253
236	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solder	Iron	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
237	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Aluminium	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01



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238	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Antimony	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
239	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Arsenic	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
240	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Bismuth	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
241	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Cadmium	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
242	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Copper	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
243	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Lead	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
244	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Nickel	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
245	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Silver	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
246	CHEMICAL- METALS & ALLOYS	Tin & its alloys, Solders	Zinc	RSML/SOP/Chem/03, Issue date : 15.10.2019, Issue No.01
247	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Aluminium	ASTM F 3139
248	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Antimony	ASTM F 3139
249	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Bismuth	ASTM F 3139
250	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Cadmium	ASTM F 3139



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251	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Copper	ASTM F 3139
252	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Iron	ASTM F 3139
253	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Lead	ASTM F 3139
254	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Nickel	ASTM F 3139
255	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Silver	ASTM F 3139
256	CHEMICAL- METALS & ALLOYS	Tin and tin alloys	Zinc	ASTM F 3139
257	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ASTM E 2371
258	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Chromium	ASTM E 2371
259	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Cobalt	ASTM E 2371
260	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Copper	ASTM E 2371
261	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ASTM E 2371
262	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Nickel	ASTM E 2371
263	CHEMICAL- METALS & ALLOYS	Titanium and its alloys	Vanadium	ASTM E 2994
264	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Aluminium	ASTM E 2994
265	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Chromium	ASTM E 2994
266	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Copper	ASTM E 2994



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267	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Iron	ASTM E 2994
268	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Manganese	ASTM E 2994
269	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Molybdenum	ASTM E 2994
270	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Nickel	ASTM E 2994
271	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Silicon	ASTM E 2994
272	CHEMICAL- METALS & ALLOYS	Titanium and Titanium Alloys	Vanadium	ASTM E 2371
273	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Aluminium	ISO 3815-1
274	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Cadmium	ISO 3815-1
275	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Copper	ISO 3815-1
276	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Iron	ISO 3815-1
277	CHEMICAL- METALS & ALLOYS	Zinc & its alloys	Lead	ISO 3815-1
278	CHEMICAL- METALS & ALLOYS	Zinc & its Alloys	Magnesium	ISO 3815-1
279	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815-1
280	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	ISO 3815-1
281	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Tin	ISO 3815-1
282	CHEMICAL- PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Aluminium	ASTM D 5185



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283	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Barium	ASTM D 5185
284	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Boron	ASTM D 5185
285	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Calcium	ASTM D 5185
286	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Calorific Value by Bomb Calorimeter	ASTM D 240
287	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Chromium	ASTM D 5185
288	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Colour	RSML/SOP/OIL/11, Issue date: 07.05.2019 and Issue No.02
289	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Copper	ASTM D 5185
290	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Density	ASTM D 1298
291	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Flash Point by COC	ASTM D 92
292	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Flash Point by PMCC	ASTM D 93
293	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Iron	ASTM D 5185
294	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Kinematic Viscosity @ 100°C	ASTM D 445



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295	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Lead	ASTM D 5185
296	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Magnesium	ASTM D 5185
297	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Manganese	ASTM D 5185
298	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Molybdenum	ASTM D 5185
299	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Nickel	ASTM D 5185
300	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Phosphorous	ASTM D 5185
301	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Potassium	ASTM D 5185
302	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Pour Point	ASTM D 97
303	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Silicon	ASTM D 5185
304	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Silver	ASTM D 5185
305	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Sodium	ASTM D 5185
306	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Sulphated Ash	ASTM D 874



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307	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Sulphur	ASTM D 5185
308	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	TAN	ASTM D 664
309	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	TBN	ASTM D 2896
310	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Tin	ASTM D 5185
311	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Titanium	ASTM D 5185
312	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Vanadium	ASTM D 5185
313	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Viscosity Index	ASTM D 2270
314	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Water Content	ASTM D 95
315	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Water Content	IS 1448 Part 40
316	CHEMICAL-PETROLEUM AND PRODUCTS	Lube Oil, Diesel, Quench Oil, Furnace Oil, Transformer Oil, Polymer Oil & Fuel Oil	Zinc	ASTM D 5185
317	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Partial Count and Distribution	ASTM D 6786
318	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Partial Count and Distribution	ASTM D 7619



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319	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Partial Count and Distribution	ISO 4406
320	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Partial Count and Distribution	NAS 1638
321	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Partial Count and Distribution	SAE AS 4059
322	CHEMICAL-PETROLEUM AND PRODUCTS	Petroleum Products (Diesel, Quench Oil, Hydraulic Oil, Furnace Oil, Polymer Oil & Fuel Oil)	Water	ASTM D 6304 Procedure A
323	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Arsenic as As	ASTM D 1976
324	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Boron as B	ASTM D 1976
325	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Cadmium as Cd	ASTM D 1976
326	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chemical Oxygen Demand (COD)	IS 3025 Part 58
327	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Chloride as Cl	IS 3025 Part 32
328	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Copper as Cu	ASTM D 1976
329	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Dissolved Phosphates as P	ASTM D 6508
330	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Fluoride as F	IS 3025 Part 60 Clause 7



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331	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Hexavalent Chromium Cr+6	IS 3025 Part 52
332	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Lead as Pb	ASTM D 1976
333	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Nickel as Ni	ASTM D 1976
334	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Oil and Grease	IS 3025 Part 39 Clause 7
335	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	pH value	IS 30 25 Part 11
336	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Selenium as Se	ASTM D 1976
337	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphates as SO ₄	IS 3025 Part 24 Clause 4 & 5
338	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Sulphides as S	IS 3025 Part 29
339	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Temperature	IS 3025 Part 9
340	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Chromium as Cr	ASTM D 1976
341	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Dissolved Solids	IS 3025 Part 16
342	CHEMICAL-POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Total Suspended Solids	IS 3025 Part 17



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343	CHEMICAL- POLLUTION & ENVIRONMENT	Waste Water (Effluents/Sewage)	Zinc as Zn	ASTM D 1976
344	CHEMICAL- RESIDUES IN WATER	Potable Water	Aluminium	ASTM D 1976
345	CHEMICAL- RESIDUES IN WATER	Potable Water	Arsenic	ASTM D 1976
346	CHEMICAL- RESIDUES IN WATER	Potable Water	Boron	ASTM D 1976
347	CHEMICAL- RESIDUES IN WATER	Potable Water	Cadmium	ASTM D 1976
348	CHEMICAL- RESIDUES IN WATER	Potable Water	Copper	ASTM D 1976
349	CHEMICAL- RESIDUES IN WATER	Potable Water	Hexavalent Chromium	IS 3025 Part 52
350	CHEMICAL- RESIDUES IN WATER	Potable Water	Iron	ASTM D 1976
351	CHEMICAL- RESIDUES IN WATER	Potable Water	Lead	ASTM D 1976
352	CHEMICAL- RESIDUES IN WATER	Potable Water	Manganese	ASTM D 1976
353	CHEMICAL- RESIDUES IN WATER	Potable Water	Selenium	ASTM D 1976
354	CHEMICAL- RESIDUES IN WATER	Potable Water	Zinc	ASTM D 1976
355	CHEMICAL- WATER	Potable Water	Alkalinity	IS 3025 Part 23 Clause 10
356	CHEMICAL- WATER	Potable Water	Calcium	IS 3025 Part 40 Clause 5
357	CHEMICAL- WATER	Potable Water	Chloride	IS 3025 Part 32 Clause 6
358	CHEMICAL- WATER	Potable Water	Colour	IS 3025 Part 4
359	CHEMICAL- WATER	Potable Water	Fluoride	IS 3025 Part 60 Clause 7
360	CHEMICAL- WATER	Potable Water	Magnesium	IS 3025 Part 46 Clause 5



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361	CHEMICAL- WATER	Potable Water	Nitrate	IS 3025 Part 34 Clause 6.4
362	CHEMICAL- WATER	Potable Water	Odour	IS 3025 Part 5
363	CHEMICAL- WATER	Potable Water	pH	IS 3025 Part 11
364	CHEMICAL- WATER	Potable Water	Sulphate	IS 3025 Part 24 Clause 4 & 5
365	CHEMICAL- WATER	Potable Water	Total Dissolved Solids	IS 3025 Part 16
366	CHEMICAL- WATER	Potable Water	Total Hardness	IS 3025 Part 21 Clause 5
367	CHEMICAL- WATER	Potable Water	Turbidity	IS 3025 Part 10
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	% Elongation	ASTM B 557
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	% Reduction in Area	ASTM B 557
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	0.1% to 0.5% Proof Stress	ASTM B 557
371	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	Tensile Strength	ASTM B 557
372	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	Tensile Strength	ASTM B 557
373	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium and Magnesium alloy products	Yield Stress	ASTM B 557



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374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	% Elongation	ASTM E8/E8M
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	% Elongation	IS 1608 Part 1
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	% Reduction in Area	ASTM E8/E8M
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	% Reduction in Area	IS 1608 Part 1
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	0.1 to 0.5% Proof Stress	ASTM E8/E8M
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	0.1% to 0.5% Proof Stress	IS 1608 Part 1
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Tensile Strength	ASTM E8/E8M
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Tensile Strength	IS 1608 Part 1
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Yield Stress	ASTM E8/E8M



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383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper materials, alloys & products	Yield Stress	IS 1608 Part 1
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Bend Test	IBR 1950
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Tensile Strength	AWS D1.1
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Tensile Strength	IBR 1950
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Tensile Strength	ISO 4136
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous Materials, alloys and products	Transverse Tensile	ASME Sec IX QW 150
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non ferrous Materials, alloys and products	Face Bend Test	ISO 5173
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous Materials, Alloys & Products	Transverse Tensile	IS 7307 Part 1
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous Materials, alloys and products	Face Bend Test	ASME Sec IX QW 160



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392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and non-ferrous Materials, alloys and products	Hardness Test on Arc Welded Joints	ISO 9015 Part 1
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous Materials, alloys and Products	Root Bend Test	IS 7307 Part 1
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-ferrous Materials, Alloys and Products	Root Bend Test	ISO 5173
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Elongation	ASTM A 370
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Reduction Area	ASTM A 370
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Reduction area	ASTM E 8/E8M
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	% Reduction in Area	IS 1608 Part 1
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Bend Test	ASTM E 290
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Impact Strength - Charpy (Room Temperature to -60.0°C)	EN 10045-1



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401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Impact Strength Charpy (-60.0°C to Room Temperature)	ISO 9016
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Tensile Strength	ASTM A 370
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys and products	Vickers Hardness HV 5	ASTM E 92
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	% Elongation	ASTM E8 EM8
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	% Elongation	IS 1608 Part 1
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	0.1% to 0.5% Proof Stress	ASTM A 370
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & products	0.1% to 0.5% Proof Stress	ASTM E8/E8M
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	0.1% to 0.5% Proof Stress	IS 1608 Part 1
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & products	Bend Test	API 1104



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410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	IS 1599
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardnes 10/3000	ASTM E 10
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness 10/3000	IS 1500 Part 1
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness 2.5/187.5	ASTM E 10
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness 2.5/187.5	IS 1500 Part 1
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness 5/750	ASTM E 10
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness 5/750	IS1500 Part 1
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Impact Strength Charpy U Notch (80.0°C to -196°C)	IS 1499
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Impact Strength Charpy V Notch (80.0°C to -196°C)	ASTM E 23



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419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Impact Strength Charpy V Notch (80.0°C to -196°C)	IS 1757 Part 1 (KV2 & KV8)
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Impact Strength Izod (RT)	IS 1598
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.1	ASTM E 384
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.1	IS 1501 Part 1
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.2	ASTM E 384
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.2	IS 1501 Part 1
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.3	ASTM E 384
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.5	ASTM E 384
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.5	IS 1501 Part 1



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428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 1.0	ASTM E 384
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 1.0	IS 1501 Part 1
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness HV 0.3	IS 1501 Part 1
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & products	Nick Break	API 1104
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Re-bend Test	IS 1786
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HBW)	ASTM E 18
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	ASTM E 18
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	IS 1586 Part 1
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRB)	IS 1586 Part 1



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437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	ASTM E 18
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	IS 1586 Part 1
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & products	Tensile Strength	API 1104
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Tensile Strength	ASTM E8/E8M
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Tensile Strength	IS 1608 Part 1
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV10)	ASTM E 92
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV10)	IS 1501 Part 1
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV30)	ASTM E 92
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness (HV30)	IS 1501 Part 1



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446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & products	Vickers Hardness (HV5)	IS 1501 Part 1
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield Stress	ASTM E8/E8M
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield Stress	IS 1608 Part 1
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield stress	ASTM A 370
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal Powders & sintered products	Transverse Rupture Strength	ASTM B 528
451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non - Ferrous	Brinell Hardness 10/1000	IS 1500 Part 1
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non - Ferrous	Brinell Hardness 5/250	ASTM E 10
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non - Ferrous	Brinell Hardness 5/250	IS 1500 Part 1
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous and Alloys	Micro Vickers Hardness HV 0.3	ASTM E 384



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455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous Metals & Alloys	Microvickers Hardness HV 0.3	IS 1501 Part 1
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals and Alloys	Micro vickers Hardness HV 0.5	IS 1501 Part 1
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrous Metals and Alloys	Microvickers Hardness HV 0.1	ASTM E 384
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non ferrrous Metals and Alloys	Micro vickers Hardness HV 0.5	ASTM E 384
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous	Brinell Hardness 10/1000	ASTM E 10
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous materials, alloys and products	Bend Test	ASTM E 290
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous materials, alloys and products	Bend Test	IS 1599
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous materials, alloys and products	Hardness HRB	IS 1586
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous materials, alloys and products	Rockwell Hardness HRB	ASTM E 18



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464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals, Alloys and Products	Micro Vickers Hardness HV 0.1	IS 1501 Part 1
465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Impact test Charpy 'U' notch (80°C and -196°C)	ASTM E 23
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Metals, Alloys & Products	Vickers Hardness (HV5)	IS 1501 Part 1
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	% Elongation	ASTM E8/E8M
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	% Elongation	IS 1608 Part 1
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	% Reduction in Area	ASTM E8/E8M
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	% Reduction in Area	IS 1608 Part 1
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	0.1% to 0.5% Proof Stress	ASTM E8/E8M
472	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	Tensile Strength	IS 1608 Part 1



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473	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	Yield Stress	ASTM E8/E8M
474	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished and Finished Products	0.1% to 0.5% Proof Stress	IS 1608 Part 1
475	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished, Finished and Products	Tensile Strength	ASTM E8/E8M
476	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Raw Materials, Semi-finished, Finished and Products	Yield Stress	IS 1608 Part 1
477	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	AWS D1.1/D1.1M
478	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Face Bend Test	IS 7307 Part 1
479	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Fracture Test	ISO 9017
480	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Hardness Testing on Arc Welded Joints	ISO 9015 Part 1
481	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Micro Hardness Testing of Welded Joints	ISO 9015 Part 2



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482	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Root Bend Test	ASME Sec IX QW 160
483	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Side Bend Test	ASME Sec IX QW 160
484	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Side Bend Test	IS 7307
485	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Side Bend Test	ISO 5173
486	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	IGC Practice G, Heat Treatable aluminium Aloys	ASTM G 110
487	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	Microstructure	ASM Metals Hand Book Vol 9, page No.1688 - 1787
488	MECHANICAL-METALLOGRAPHY TEST	Copper materials,, alloys & products	Microstructure	ASM Metals Hand Book Vol 9, Page No 1842 - 1882
489	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material and alloys	Crevice Corrosion	ASTM G 48 Method B
490	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials alloys and products	Intermetallic Phase	ASTM A 923 Method A
491	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth - Micro Hardness	IS 6416



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492	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case depth Microscopic method Magnification 50X, 100 X	IS 6416
493	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Decarburization depth Microscopic method	IS 6396
494	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Ferrite Content - Manual Count	ASTM E 562
495	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Grain size	ASTM E 112
496	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Grain size	IS 4748
497	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Graphic Flake type and Size Nodularity	IS 7754
498	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	IGC Test Practice A and E Austenitic Stainless Steel	ASTM A 262
499	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	IGC Test Practice, B & F Austenitic Stainless Steel	ASTM A 262
500	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	IGC Test Practice, C Austenitic Stainless Steel	ASTM A 262
501	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion rating	ASTM E 45
502	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Inclusion Rating	IS 4163
503	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Etch Test	ASTM E 340



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504	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Etch Test	ASTM E 381
505	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Macro Etch Test	IS11371
506	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Microstructure	ASM Metal Hand Book Vol 9, page No.588-708
507	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Pitting and Critical Corrosion of Paint Surface on Metals	ASTM G 48 Method A & C
508	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products Product	Detection of Inter Metallic Phases, Duplex Stainless Steel	ASTM A 923 Method C
509	MECHANICAL-METALLOGRAPHY TEST	Metallic coatings	Coating Thickness - Magnification 50X, 100X, 200X	IS 3203 1982
510	MECHANICAL-METALLOGRAPHY TEST	Other Non-Ferrous Metals, Alloys & Products	Macroscopic and Microscopic Examination (Brazing)	ASME Sec IX - QB 141.6
511	MECHANICAL-METALLOGRAPHY TEST	Titanium metals and alloys	Microstructure	ASM Metal Hand book Page No 2157 - 2207
512	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macroscopic and Microscopic Examination	ASME Sec IX QW 183 & 184
513	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macroscopic and Microscopic Examination	ISO 17639