National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SOHM ANALYTICAL SERVICES (I) PRIVATE LIMITED, PLOT NO. RTC41, TTC INDUSTRIAL AREA, RABALE MIDC, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 24/05/2023 to 23/05/2025 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Galvanized Products/ Panels/ Raw Materials	Salt Spray Test	ASTM B117
2	CHEMICAL- CORROSION TESTS	Galvanized Products/ Panels/ Raw Materials	Salt Spray Test	ISO 9227
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Electroplated Coating of Zinc on Iron and Steel	Coating Thickness	IS 1573
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot - Dip Galvanizing of Iron and Steel	Knife Test	IS 2629
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot - Dip Galvanizing of Iron and Steel	Uniformity Test (Preece Test)	IS 2633
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Hot Dip Aluminium - Zinc Alloy Metallic Coated Steel Strip and Sheet	Mass of Coating (By Stripping Method)	IS 15961
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metal Coated Surface	Adhesion Test (File Test)	ASTM B571
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings, Metal Finishing Materials	Phosphate Coating Thickness	IS 3618
9	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings, Metal Finishing Materials, Anodising	Coating Thickness Measurement by Eddy Current Method	ASTM E376
10	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coatings, Metal Finishing Materials, Anodising	Anodizing Thickness	IS 6012
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wire, Sheet, Strip, Plate, Pipe, Profiles, Angle, Rod	Mass of Zinc Coating (By Stripping Method)	ASTM A90
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Wire, Sheet, Strip, Plate, Pipe, Profiles, Angle, Rod	Mass of Zinc Coating (By Stripping Method)	IS 6745
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Fabricated Product (Fabricated from Plates, Sheet, Profiles)	Adhesion Test	IS 2629
14	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Arsenic	JIS G 1253

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
15	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	JIS G 1253
16	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Calcium	JIS G 1253
17	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	JIS G 1253
18	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	JIS G 1253
19	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Lead	JIS G 1253
20	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	JIS G 1253
21	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	JIS G 1253
22	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	JIS G 1253
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	JIS G 1253
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	JIS G 1253
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	JIS G 1253
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Antimony	JIS 1253
27	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Antimony	ASTM E415
28	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Arsenic	ASTM E415
29	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Boron	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Nickel	ASTM E415
31	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Titanium	ASTM E415
32	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Aluminium	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Manganese	ASTM E415

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Laboratory Name : SOHM ANALYTICAL SERVICES (I) PRIVATE LIMITED, PLOT NO. RTC41, TTC INDUSTRIAL AREA, RABALE MIDC, NAVI MUMBAI, THANE, MAHARASHTRA, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
34	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Molybdenum	ASTM E415
35	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Niobium	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Nitrogen	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Phosphorus	ASTM E415
38	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Silicon	ASTM E415
39	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Sulphur	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Tin	ASTM E415
41	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Vanadium	ASTM E415
42	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Zirconium	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Alloy Steel & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Calcium	ASTM E415
44	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	IS 504 (Part 8)
45	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
46	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	IS 504 (Part 2)
48	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
49	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251
50	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	IS 504 (Part 6)
51	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	IS 504 (Part 2)
52	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	IS 504 (Part 7)

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
53	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	IS 504 (Part 1)
54	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
55	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
56	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	IS 504 (Part 4)
57	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
58	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Bismuth	ASTM E1251
59	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
60	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
61	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
62	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
63	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	JIS G 1253
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Molybdenum	IS 8811
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Antimony	IS 8811
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Arsenic	IS 8811
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Boron	IS 8811
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Cobalt	IS 8811
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Copper	IS 8811

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
72	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Manganese	IS 8811
73	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nickel	IS 8811
74	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Niobium	IS 8811
75	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Nitrogen	IS 8811
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Phosphorous	IS 8811
77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Silicon	IS 8811
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Sulphur	IS 8811
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Tin	IS 8811
80	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Titanium	IS 8811
81	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Vanadium	IS 8811
82	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Aluminium	IS 8811
83	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Carbon	IS 8811
84	CHEMICAL- METALS & ALLOYS	Carbon Steel & Alloy Steel	Lead	IS 8811
85	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E415
86	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	JIS G 1253
87	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
88	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
89	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308 (Part 10)
90	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999

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Accreditation Standard	ISO/IEC 17025:2017		
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Validity	24/05/2023 to 23/05/2025	**Last Amended on**	-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
91	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E1999
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 12308 (Part 11)
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
95	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E351
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 12308 (Part 8)
97	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 12308 (Part 12)
98	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	ASTM E351
99	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	IS 12308 (Part 13)
100	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E351
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
102	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 12308 (Part 7)
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 12308 (Part 5)
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E351
105	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
106	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
107	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308 (Part 2)
108	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	IS 4027 (Part 3)
109	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
110	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	IS 3685
111	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Beryllium	BS EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079
115	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Carbon	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
117	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440
118	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 4027 (Part 8)
119	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
120	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 3685
121	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
122	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	IS 3187
123	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
124	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 3685
125	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
126	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 4027 (Part 3)
127	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
128	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	ASTM E478

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129	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
130	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	IS 3685
132	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
133	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	IS 4027 (Part 6)
134	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
136	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 4027 (Part 1)
137	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	ASTM E478
139	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 4027 (Part 1)
140	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Magnesium	BS EN 15079
141	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	ASTM E478
142	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	BS EN 15079
143	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Carbon	JIS G 1253
144	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Carbon	SAS/CHEM/OES/03 Issue No. 1 Dated 29.12.2022
145	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Chromium	ASTM E352
146	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Chromium	JIS G 1253
147	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Manganese	JIS G 1253

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148	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Molybdenum	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Phosphorus	ASTM E352
150	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Silicon	ASTM E352
151	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Silicon	JIS G 1253
152	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Tungsten	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Vanadium	JIS G 1253
154	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Cobalt	JIS G 1253
155	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Phosphorus	JIS G 1253
156	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Sulphur	JIS G 1253
157	CHEMICAL- METALS & ALLOYS	High Speed Tool Steel	Vanadium	ASTM E352
158	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Carbon	ASTM E415
159	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Chromium	ASTM E415
160	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Copper	ASTM E415
161	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Silicon	IS 228 (Part 8)
162	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Aluminium	ASTM E350
163	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Carbon	IS 228 (Part 1)
164	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Chromium	IS 228 (Part 6)
165	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Cobalt	ASTM E415
166	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Copper	ASTM E350

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167	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Lead	ASTM E415
168	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Manganese	IS 228 (Part 2)
169	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Molybdenum	IS 228 (Part 7)
170	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Nickel	IS 228 (Part 5)
171	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Phosphorus	IS 228 (Part 3)
172	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low Carbon, Medium Carbon & High Carbon Steel)	Sulphur	IS 228 (Part 9)
173	CHEMICAL- METALS & ALLOYS	Low Alloy & Carbon Steel (Low carbon, Medium Carbon & High Carbon Steel)	Vanadium	ASTM E350
174	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
175	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
176	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	SAS/CHEM/Wet/06 Issue No. 1 Dated 1.11.2022
177	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
178	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E1835
179	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E1835
180	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
181	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E1473
182	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
183	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E1473
184	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
185	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E1473

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186	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
187	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E3047
188	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E1473
189	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047
190	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E3047
191	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
192	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E1835
193	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E1473
194	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	SAS/CHEM/OES/04 Issue No. 1 Dated 1.11.2022
195	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E1473
196	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
197	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
198	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E1835
199	CHEMICAL- METALS & ALLOYS	NIckel & its alloys	Iron	SAS/CHEM/OES/04 Issue No. 1 Dated 1.11.2022
200	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E1835
201	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nickel	ASTM E1473
202	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E1473
203	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
204	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	SAS/CHEM/WET/04 Issue No. 1 Dated 1.11.2022

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205	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E1473
206	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	SAS/CHEM/OES/04 Issue No. 1 Dated 1.11.2022
207	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
208	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E3047
209	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
210	CHEMICAL- METALS & ALLOYS	Nickel& its alloys	Chromium	SAS/CHEM/OES/04 Issue No. 1 Dated 1.11.2022
211	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
212	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
213	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 23)
214	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
215	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
216	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
217	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
218	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
219	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
220	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
221	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E353
222	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 228 (Part 3)
223	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086

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224	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
225	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
226	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
227	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	JIS G 1253
228	CHEMICAL- METALS & ALLOYS	Stainless Steel	TItanium	SAS/TM/OES/01 Issue No. 1 Dated 29.12.2022
229	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253
230	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
231	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
232	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
233	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
234	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
235	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (Part 6)
236	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
237	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
238	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
239	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
240	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
241	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
242	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086

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243	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
244	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
245	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
246	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
247	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G 1253
248	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
249	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	SAS/CHEM/OES/01 Issue No. 1 Dated 1.11.2022
250	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 19)
251	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
252	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
253	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
254	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
255	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 228 (Part 8)
256	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
257	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
258	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
259	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
260	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
261	CHEMICAL- METALS & ALLOYS	Stainless Steel & Duplex Stainless Steel	Carbon	IS 228 (Part 1)

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262	CHEMICAL- METALS & ALLOYS	Stainless Steel & Duplex Steel	Manganese	SAS/CHEM/AAS/29 Issue No. 1 Dated 1.11.2022
263	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Aluminium	ASTM E2994
264	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Chromium	ASTM E2994
265	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Nickel	ASTM E2994
266	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Vanadium	ASTM E2994
267	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Carbon	SAS/CHEM/OES/27 Issue No. 1 Dated 1.11.2022
268	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Iron	ASTM E2994
269	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloy	Iron	ASTM E536
270	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloy	Magnesium	ASTM E536
271	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloy	Lead	ASTM E536
272	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium & Magnesium Alloy Product	Tensile Test (% Elongation)	ASTM B557
273	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium & Magnesium Alloy Product	Tensile Test (% Reduction Area)	ASTM B557
274	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium & Magnesium Alloy Product	Tensile Test (0.2 %, 0.5 % & 1 % Proof Stress)	ASTM B557
275	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium & Magnesium Alloy Product	Ultimate Tensile Strength (10 kN to 1200 kN)	ASTM B557
276	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to 1200 kN)	ASTM A264
277	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to 1200 kN)	ASTM A265

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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to to 1200 kN)	ASTM A263
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to 1200 kN)	ASME BVPC.II.A/ SA 263
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to 1200 kN)	ASME BVPC.II.A/ SA 264
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test (10 kN to 1200 kN)	ASME BVPC.II.A/ SA 265
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Copper & Copper Alloys Tubes/ Pipes	Flaring Test/ Drift Test	ASTM B153
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferritic Alloy, Austenitic Alloy and Stainless Steel Tubes	Flaring Test/ Drift Test	ASTM A1016/1016M
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Nick Break Test (10 kN to 1200 kN)	API 1104
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Nick Break Test (10 kN to 1200 kN)	IS 3600 (Part 8)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Nick Break Test (10 kN to 1200 kN)	IBR Rule 18th Edition
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys - Nuts	Proof Load	IS 1367 (Part 6)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Charpy V-notch Impact Test	IBR Rule 18th Edition
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Brinell Hardness	ASTM E10
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Charpy V-notch Impact Test	ISO 148-1
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Charpy V-notch Impact Test	ASTM E23

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292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell B	ASTM E18
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell B	ISO 6508-1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell C	ASTM E18
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Micro Hardness Test (HV0.05)	ASTM E384
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Micro Hardness Test (HV0.5)	ISO 6507-1
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test- Yield Strength (10 kN to 1200 kN)	IS 1608 (Part 1)
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (10 kN to 1200 kN)	IS 1608 (Part 1)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV10)	ASTM E92
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV10)	IS 1501 (Part 1)
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV10)	ISO 6507-1
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV30)	ASTM E92
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV30)	IS 1501 (Part 1)
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV5)	ISO 6507-1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Micro Hardness Test (HV0.1)	ASTM E384

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306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Micro Hardness Test (HV0.1)	ISO 6507-1
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Brinell Hardness	IS 1500 (Part 1)
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Brinell Hardness	ISO 6506-1
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Elevated Temperature - Tensile Test at 100° - 950°C (Yield Strength)	ASTM E21
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Elevated Temperature - Tensile Test at 100° - 950°C (% Elongation)	ASTM E21
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Elevated Temperature - Tensile Test at 100° - 950°C (% Reduction in Area)	ASTM E21
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Elevated Temperature - Tensile Test at 100° - 950°C (Ultimate Tensile Strength)	ASTM E21
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell B	IS 1586 (Part 1)
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell C	IS 1586 (Part 1)
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Hardness Rockwell C	ISO 6508-1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Micro Hardness Test (HV0.3)	ASTM E384
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Rockwell Hardness C	ASTM E18
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Elongation)	IBR Rule 18th Edition
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Elongation)	IS 1608 (Part 1)

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320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Elongation)	ISO 6892-1
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Reduction Area)	ASTM E8/E8M
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Reduction Area)	IBR Rule 18th Edition
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Reduction Area)	IS 1608 (Part 1)
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (% Reduction Area)	ISO 6892-1
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.2 % Proof Stress)	ISO 6892-1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.2% Proof Stress)	ASTM E8/E8M
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.2% Proof Stress)	IBR Rule 18th Edition
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.2% Proof Stress)	IS 1608 (Part 1)
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.5 % Proof Stress)	ASTM E8/8M
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.5 % Proof Stress)	IBR Rule 18th Edition
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.5 % Proof Stress)	IS 1608 (Part 1)
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (0.5 % Proof Stress)	ISO 6892-1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (1 % Proof Stress)	ASTM E8/8M

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334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (1 % Proof Stress)	IBR Rule 18th Edition
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (1 % Proof Stress)	IS 1608 (Part 1)
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Tensile Test (1 % Proof Stress)	ISO 6892-1
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (10 kN to 1200 kN)	ASTM E8/E8M
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (10 kN to 1200 kN)	ISO 6892-1
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Ultimate Tensile Strength (10 kN to1200 kN)	IBR Rule 18th Edition
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV5)	ASTM E92
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys	Vicker's Hardness (HV5)	IS 1501 (Part 1)
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test - Ultimate Tensile Strength (2 kN to 50 kN)	ASTM E8/E8M
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (% Elongation)	ISO 6892-1
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (0.5 % Proof Stress/ Yield Stress)	ASTM E8/E8M
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (0.5 % Proof Stress/ Yield Stress)	IS 1608 (Part 1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test - Ultimate Tensile Strength (2 kN to 50 kN)	IS 1608 (Part 1)
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test - Ultimate Tensile Strength (2 kN to 50 kN)	ISO 6892-1

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348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (% Elongation)	ASTM E8/E8M
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (% Elongation)	IS 1608 (Part 1)
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (0.2 % Proof Stress/ Yield Stress)	ASTM E8/8M
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (0.2 % Proof Stress/ Yield Stress)	IS 1608 (Part 1)
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (1 % Proof Stress/ Yield Stress)	ASTM E8/8M
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Flat & Round Wire, Foils & Strips)	Tensile Test (1 % Proof Stress/ Yield Stress)	IS 1608 (Part 1)
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Tube/ Pipe)	Flaring Test/ Drift Test	IS 2335
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous, Non-Ferrous Metals & Alloys (Weld)	Nick Break Test (10 kN to 1200 kN)	IS 2825
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Re-bend Test	IS 1786
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals & Alloys (Tube to Tube Sheet Mock up)	Pull Out Test	ASME Section VIII DIV. 1
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Nuts	Proof Load	ASTM A194
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Solid drawn Copper Tube	Flattening Test	IS 2501
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates	Through Thickness Tensile (% R.A) (10 kN to 1200 kN)	BS EN 10164
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates	Through Thickness Tensile (% R.A) (10 kN to 1200 kN)	ASTM A770

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362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Bars, Rods	Bend Test	ASTM E290
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Bars, Rods	Bend Test	IS 1599
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Bars, Rods	Bend Test	ASTM A370
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates, Bars, Rods	Bend Test	IBR Rule 18th Edition
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Ultimate Tensile Strength	ASTM A370
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Hardness Rockwell B	ASTM E18
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Hardness Rockwell C	ASTM E18
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Test (% Elongation)	ASTM A370
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Flaring Test/ Drift Test	ASTM A370
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Test (% Reduction Area)	ASTM A370
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Test (0.2% to 1% Proof Stress)	ASTM A370
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products (Flat & Round Wire, Foils & Strips)	Tensile Test - Ultimate Tensile Strength (2 kN to 50 kN)	ASTM A370
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products (Flat & Round Wire, Foils & Strips)	Tensile Test (% Elongation)	ASTM A370
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products (Flat & Round Wire, Foils & Strips)	Tensile Test (0.2 %, 0.5 % & 1% Proof Stress)	ASTM A370

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376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Bend Test	IS 2329
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes/ Pipes	Flattening Test	ASTM A999
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes/ Pipes	Flattening Test	IS 2328
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes/ Pipes	Bend Test	ASTM A370
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes/ Pipes	Flattening Reverse Flattening Test	ASTM A1016/1016M
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal	Charpy V-notch Impact Test	ISO 9016
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	AWS D1.1
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	BS EN ISO 5173 + A1
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	API 1104
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	IBR Rule 18th Edition
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	IS 2825
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Face Bend, Root Bend & Side Bend Test	ASME Section IX
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	ISO 4136
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	ISO 15614-1/ Amd. 1

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390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	API 1104
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	ASME Section IX
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	AWS B 4.0
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	AWS D1.1
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	IBR Rule 18th Edition
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Ferrous, Non-Ferrous Metals & Alloys)	Tensile Test (Ultimate Tensile Strength)	IS 2825
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded/ Brazed Products	Peel Test Fracture Test	ASME Section IX
397	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion (IGC) Practice F	ASTM A262
398	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion (IGC) Practice A	ASTM A262
399	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion (IGC) Practice B	ASTM A262
400	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion (IGC) Practice E	ASTM A262
401	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Intergranular Corrosion (IGC) Practice C	ASTM A262
402	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels	Determination of Case Depth (Microscopic Method in Steel)	IS 6416
403	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure of Graphite Cast Iron Nodularity in SG Iron	IS 7754
404	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure of Graphite Cast Iron Nodularity in SG Iron	ASTM A247
405	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Average Grain Size	ASTM E1181

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406	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases Method C	ASTM A923
407	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel, Stainless Steel, Ferrous Metals and its Alloys	Sulphide Stress Cracking & Stress Corrosion Cracking - Method A, B, C	NACE TM0177
408	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Intergranular Corrosion (IGC) Method W	ASTM A763
409	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Intergranular Corrosion (IGC) Method X	ASTM A763
410	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Intergranular Corrosion (IGC) Method Y	ASTM A763
411	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steel	Intergranular Corrosion (IGC) Method Z	ASTM A763
412	MECHANICAL-METALLOGRAPHY TEST	Ferritic, Austenitic and Duplex Stainless Steel	Intergranular Corrosion (IGC) Method C (Huey Test)	ISO 3651 (Part 1)
413	MECHANICAL-METALLOGRAPHY TEST	Ferritic, Austenitic and Duplex Stainless Steel	Intergranular Corrosion (IGC) Method A	ISO 3651 (Part 2)
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Alloys	Average Grain Size	ASTM E112 (Comparison Method)
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non-Ferrous Alloys	Microstructure Examination	ASM Handbook Volume 9
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys	Inclusion Rating (Method A & D)	ASTM E45
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys	Inclusion Rating (Method A & D)	IS 4163 (Comparison Method)
418	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metal & Alloys (Pipes & Pressure Vessel Steels)	Hydrogen Induced Cracking	NACE TM 0284
419	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Ferrite Content Test (by Metallography)	ASTM E562
420	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Ferrite Content Test (Ferritescope Method)	ASTM A800/A800M
421	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys (Tubes & Tube Sheets)	Macro Etch Test (Minimum Leak Path & Leg Length)	ASME Section IX
422	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys (Wrought Cast & Welded Stainless Steels)	Chloride Stress Corrosion Cracking Test in Boiling MgCl2/ CaCl2 Solution	ASTM G36
423	MECHANICAL-METALLOGRAPHY TEST	Ferrous, Non-Ferrous Metals, Alloys	Macro Examination	ASTM E381

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424	MECHANICAL-METALLOGRAPHY TEST	Ferrous, Non-Ferrous Metals, Alloys & Welded Joints	Macro Examination	ASME Section IX
425	MECHANICAL-METALLOGRAPHY TEST	Ferrous, Non-Ferrous Metals, Alloys & Welded Joints	Macro Examination	ASTM E340
426	MECHANICAL-METALLOGRAPHY TEST	Metallic/ Non-Metallic Coatings on Ferrous, Aluminum, Copper Base Material	Thickness of Coating (Microscopic Method)	ASTM B487
427	MECHANICAL-METALLOGRAPHY TEST	Nickel Base and Chromium Bearing Alloy	Critical Pitting Temperature Test (Method C)	ASTM G48
428	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Intergranular Corrosion (IGC) - Method A	ASTM G28
429	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Intergranular Corrosion (IGC) - Method B	ASTM G28
430	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Related Alloys	Ferric Chloride Crevice test (Method B)	ASTM G48
431	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel and Related Alloys	Ferric Chloride Pitting Test (Method A)	ASTM G48
432	MECHANICAL-METALLOGRAPHY TEST	Steel Bars, Billets, Blooms and Forgings	Macro Examination	ASTM E381
433	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Determination of Depth of Decarburized Layer in Steel	ASTM E1077
434	MECHANICAL-METALLOGRAPHY TEST	Steel Products	Determination of Depth of Decarburized Layer in Steel	IS 6396
435	MECHANICAL-METALLOGRAPHY TEST	Welded Joints	Macro Examination	AWS D1.1
436	MECHANICAL-METALLOGRAPHY TEST	Welds in Metallic Material	Macro Examination	IS 11371
437	MECHANICAL-METALLOGRAPHY TEST	Welds in Metallic Materials	Macro Examination	EN ISO 17639

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Site Facility				
1	CHEMICAL- METALS & ALLOYS	Alloy Steel & Stainless Steel	Titanium, Vanadium, Chromium, Manganese, Iron, Cobalt, Nickel, Copper, Molybdenum, Tungsten, Niobium	ASTM E1476
2	CHEMICAL- METALS & ALLOYS	Cobalt & its alloys	Cobalt, Chromium, Nickel, Manganese, Tungsten, Iron, Nickel	ASTM E1476
3	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper, Tin, Lead, Silver, Zinc, Nickel, Manganese, Iron	ASTM E1476
4	CHEMICAL- METALS & ALLOYS	Ferrous Materials & Non-Ferrous (Alloy Steel, Stainless Steel, Tool Steel, Nickel & Alloys)	Manganese, Chromium, Nickel, Molybdenum, Copper, Titanium, Niobium, Lead, Tin, Antimony, Vanadium, Iron, Tungsten, Cobalt	ASTM E1476
5	CHEMICAL- METALS & ALLOYS	Titanium & its alloys	Titanium, Manganese, Iron, Vanadium, Molybdenum	ASTM E1476