



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

SOHM ANALYTICAL SERVICES (I) PRIVATE LIMITED, UNIT NO.4, PLOT NO. G-27, MIDC
SHIROLI, KOLHAPUR, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-12651

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Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Chromium	ASTM E1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Copper	ASTM E1251
3	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Iron	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Lead	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Magnesium	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Manganese	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Nickel	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Silicon	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Strontium	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Titanium	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Vanadium	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & Alloys	Zinc	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Carbon	IS 9879
14	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Chromium	IS 9879
15	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Manganese	IS 9879
16	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Molybdenum	IS 9879
17	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Nickel	IS 9879
18	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Phosphorus	IS 9879



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19	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Silicon	IS 9879
20	CHEMICAL- METALS & ALLOYS	Austenitic & Ferritic Stainless Steel	Sulfur	IS 9879
21	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Carbon	ASTM E 1086
22	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Chromium	ASTM E 1086
23	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Copper	ASTM E 1086
24	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Manganese	ASTM E 1086
25	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Molybdenum	ASTM E1086
26	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Nickel	ASTM E1086
27	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Phosphorus	ASTM E 1086
28	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Silicon	ASTM E 1086
29	CHEMICAL- METALS & ALLOYS	Austenitic Stainless Steel	Sulfur	ASTM E 1086
30	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
31	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
32	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
33	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
34	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
35	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
36	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
37	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999



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38	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
39	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
43	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
44	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphours	IS 15338
45	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
46	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
47	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	ASTM E1999
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulfur	IS 15338
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
50	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Aluminium	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Antimony	BS EN 15079
52	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Arsenic	BS EN 15079
53	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Carbon	BS EN 15079
54	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Chromium	BS EN 15079
55	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Cobalt	BS EN 15079
56	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Iron	BS EN 15079



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57	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Lead	BS EN 15079
58	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Manganese	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Nickel	BS EN 15079
60	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Phosphorus	BS EN 15079
61	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Silicon	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Silver	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Sulfur	BS EN 15079
64	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Tin	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	Copper & Alloys	Zinc	BS EN 15079
66	CHEMICAL- METALS & ALLOYS	Iron & Steel	Aluminium	JIS G 1253
67	CHEMICAL- METALS & ALLOYS	Iron & Steel	Boron	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Iron & Steel	Carbon	JIS G 1253
69	CHEMICAL- METALS & ALLOYS	Iron & Steel	Chromium	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	Iron & Steel	Cobalt	JIS G 1253
71	CHEMICAL- METALS & ALLOYS	Iron & Steel	Copper	JIS G 1253
72	CHEMICAL- METALS & ALLOYS	Iron & Steel	Lead	JIS G 1253
73	CHEMICAL- METALS & ALLOYS	Iron & Steel	Magnesium	JIS G 1253
74	CHEMICAL- METALS & ALLOYS	Iron & Steel	Manganese	JIS G 1253
75	CHEMICAL- METALS & ALLOYS	Iron & Steel	Molybdenum	JIS G 1253



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76	CHEMICAL- METALS & ALLOYS	Iron & Steel	Nickel	JIS G 1253
77	CHEMICAL- METALS & ALLOYS	Iron & Steel	Niobium	JIS G 1253
78	CHEMICAL- METALS & ALLOYS	Iron & Steel	Nitrogen	JIS G 1253
79	CHEMICAL- METALS & ALLOYS	Iron & Steel	Phosphorus	JIS G 1253
80	CHEMICAL- METALS & ALLOYS	Iron & Steel	Silicon	JIS G 1253
81	CHEMICAL- METALS & ALLOYS	Iron & Steel	Sulfur	JIS G 1253
82	CHEMICAL- METALS & ALLOYS	Iron & Steel	Titanium	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Iron & Steel	Tungsten	JIS G 1253
84	CHEMICAL- METALS & ALLOYS	Iron & Steel	Vanadium	JIS G 1253
85	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	ASTM E415
86	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	ASTM E415
87	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E415
88	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E415
89	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	ASTM E415
90	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E415
91	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
92	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E415
93	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
94	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E415



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95	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
96	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E415
97	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
98	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	ASTM E415
99	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	IS 8811
100	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	ASTM E415
101	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorus	IS 8811
102	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
104	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulfur	ASTM E415
105	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811
106	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	ASTM E415
107	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	IS 8811
108	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	ASTM E415
109	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	IS 8811
110	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E415
111	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
112	CHEMICAL- METALS & ALLOYS	Low-Alloy Steel	Aluminium	IS 8811
113	CHEMICAL- METALS & ALLOYS	Low-Alloy Steel	Boron	IS 8811



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114	CHEMICAL- METALS & ALLOYS	Low-Alloy Steel	Carbon	IS 8811
115	CHEMICAL- METALS & ALLOYS	Low-Alloy Steel	Chromium	IS 8811
116	CHEMICAL- METALS & ALLOYS	Low-Alloy Steel	Cobalt	IS 8811
117	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Carbon	ASTM E 3047
118	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Chromium	ASTM E 3047
119	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Cobalt	ASTM E 3047
120	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Copper	ASTM E 3047
121	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Iron	ASTM E 3047
122	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Manganese	ASTM E 3047
123	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Molybdenum	ASTM E 3047
124	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Nickel	ASTM E 3047
125	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Niobium	ASTM E 3047
126	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Phosphorous	ASTM E 3047
127	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Silicon	ASTM E 3047
128	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Sulfur	ASTM E 3047
129	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Titanium	ASTM E 3047
130	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Tungsten	ASTM E 3047
131	CHEMICAL- METALS & ALLOYS	Nickel & Alloys	Vanadium	ASTM E 3047



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132	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel Alloys Steel -Threaded Fasteners (Nut)	Proof Load (Load 0.6 kN to 600 kN)	IS 1367 (Part-6)
133	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Carbon Steel Alloys Steel -Threaded Fasteners (Nut)	Proof Load (Load 0.6 kN to 600 kN)	IS 898 (Part-2)
134	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Duplex , Austenite / Ferritic Stainless Steels	Charpy Impact Test (Method B)	ASTM A 923
135	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR15N)	ISO 6508 (Part - 1)
136	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM A 370
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ASTM E 290
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	IS 1599
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Bend Test	ISO 7434
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	ASTM E10
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	ASTM E10
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	IS 1500 (Part-1)
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	IS 1500 (Part-1)
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	ISO 6506-1
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/3000)	ISO 6506-1



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146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/500)	ASTM E10
147	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/500)	IS 1500 (Part-1)
148	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 10/500)	ISO 6506-1
149	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 2.5/187.5)	ASTM E10
150	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 2.5/187.5)	IS 1500 (Part-1)
151	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	ASTM E10
152	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	ASTM E10
153	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	IS 1500 (Part-1)
154	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	IS 6506 (Part-1)
155	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	ISO 6506-1
156	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Brinell Hardness (HBW 5/750)	ISO 6506-1
157	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test U Notch (Temp 30°C to -196°C)	ASTM E 23
158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test V Notch (Temp 30°C to -196°C)	ASTM E23
159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact Test V Notch (Temp 30°C to -196°C)	ISO 148-1



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160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRA)	ASTM E18
161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRA)	IS 1586 (Part-1)
162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRA)	ISO 6508-1
163	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW)	ASTM E18
164	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW)	IS 1586 (Part-1)
165	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRBW)	ISO 6508-1
166	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC)	ASTM E18
167	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC)	IS 1586 (Part-1)
168	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Hardness (HRC)	ISO 6508-1
169	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR15N)	ASTM E18
170	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR15N)	IS 1586 (Part-1)
171	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR30N)	ASTM E18
172	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR30N)	IS 1586 (Part-1)
173	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR30N)	ISO 6508-1



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174	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR45N)	ASTM E18
175	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR45N)	IS 1586 (Part-1)
176	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Rockwell Superficial Hardness (HR45N)	ISO 6508-1
177	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Elongation) : (Load 0.6 kN to 600 kN)	IS 1608 (Part-1)
178	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Elongation) (Load 0.6 kN to 600 kN)	ASTM E8/E8M
179	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Elongation) : (Load 0.6 kN to 600 kN)	ASTM A370
180	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Elongation) : (Load 0.6 kN to 600 kN)	ISO 6892-1
181	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Reduction in Area) : (Load 0.6 kN to 600 kN)	ISO 6892 -1
182	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Reduction in Area) : (Load 0.6 kN to 600 kN)	ASTM E8/8M
183	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Reduction in Area) : (Load 0.6 kN to 600 kN)	IS 1608 (Part-1)
184	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Reduction in Area): (Load 0.6 kN to 600 kN)	ASTM A370
185	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Ultimate Tensile Strength) : (Load 0.6 kN to 600 kN)	ASTM A 370
186	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Ultimate Tensile Strength) : (Load 0.6 kN to 600 kN)	ASTM E8/8M
187	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Ultimate Tensile Strength) : (Load 0.6 kN to 600 kN)	IS 1608 (Part-1)



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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
188	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Ultimate Tensile Strength) : (Load 0.6 kN to 600 kN)	ISO 6892-1
189	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Yield Stress, 0.1% to 1% Proof Stress) : (Load 0.6 kN to 600 kN)	ASTM E8/8M
190	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Yield Stress, 0.1% to 1% Proof Stress) : (Load 0.6 kN to 600 kN)	ISO 6892-1
191	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Yield Stress, 0.1% to 1% Proof Stress) : (Load 0.6 kN to 600 kN)	ASTM A370
192	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Tensile Test (Yield Stress, 0.1% to 1% Proof Stress) : (Load 0.6 kN to 600 kN)	IS 1608 (Part-1)
193	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV 5)	ASTM E92
194	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV10)	ASTM E92
195	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV10)	IS 1501 (Part-1)
196	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV10)	ISO 6507-1
197	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV30)	ASTM E92
198	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV30)	IS 1501(Part-1)
199	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV30)	ISO 6507-1
200	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV5)	IS 1501 (Part-1)
201	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness (HV5)	ISO 6507-1



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202	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness (HBW 10/3000)	ASTM A370
203	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness (HBW 10/3000)	ASTM A370
204	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness (HBW 5/750)	ASTM A370
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Brinell Hardness (HBW 5/750)	ASTM A370
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Charpy Impact Test U Notch (Temp 30°C to -196°C)	ASTM A 370
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Charpy Impact Test V Notch (Temp 30°C to -196°C)	ASTM A 370
208	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Proof Load (Load 0.6 kN to 600 kN)	ASTM A 370
209	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness (HRA)	ASTM A370
210	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness (HRBW)	ASTM A370
211	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Steel Products	Rockwell Hardness (HRC)	ASTM A370
212	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steel Test Practice -A Oxalic Acid Etch test	ASTM A 262
213	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steel Test Practice -B	ASTM A 262



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214	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steel Test Practice -C	ASTM A 262
215	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steel Test Practice -E	ASTM A 262
216	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Detecting Susceptibility to Intergranular Attack in Austenitic Stainless Steel Test Practice -F	ASTM A 262
217	MECHANICAL-METALLOGRAPHY TEST	Duplex Steel / Ferrite Stainless Steel	Detecting Presence of Detrimental Intermetallic Phases Test Method-C	ASTM A 923
218	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Materials Alloys & Products	Estimation of Ferritic Grain Size by Microscopic Method & Austenitic Grain Size by Oxidation Procedure - Microscopic Method	EN ISO - 643
219	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Materials Alloys & Products	Estimation of Ferritic Grain Size by Microscopic Method & Austenitic Grain Size by Oxidation Procedure - Microscopic Method	IS 4748
220	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Materials Alloys & Products	Estimation of Ferritic Grain Size by Microscopic Method & Austenitic Grain Size by Oxidation Procedure - Microscopic Method	ASTM E 112
221	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials Alloys & Products (Duplex: Austenite-Ferrite & Stainless Steels)	Detecting Presence of Detrimental Intermetallic Phases	ASTM A 923 (Method-A)
222	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials Alloys & Products (Gray Cast Iron, Spheroidal Graphite Iron)	Graphite Type, Distribution & Size, Nodularity & Nodule Count	ASTM A 247
223	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials Alloys & Products (Gray Cast Iron, Spheroidal Graphite Iron)	Graphite Type, Distribution & Size, Nodularity & Nodule Count	IS 7754
224	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials Alloys & Products(Gray Cast Iron, Spheroidal Graphite Iron)	Graphite Type, Distribution & Size, Nodularity & Nodule Count	ISO 945 -1



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225	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials Alloys & Products(Steel)	Determination of Inclusion Rating Methods	ASTM E45
226	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials Alloys & Products(Steel)	Determination of Inclusion Rating Methods	IS 4163
227	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys (Steel Bars, Billets, Blooms and Forgings)	Macro Examination	ASTM E 381
228	MECHANICAL-METALLOGRAPHY TEST	Metal Metal Alloy & Product	Microstructure Analysis	ASM Handbook Volume 9
229	MECHANICAL-METALLOGRAPHY TEST	Metallic Materials	Determining Volume Fraction By Systematic Manual Point Count	ASTM E 562
230	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Detecting Susceptibility to Intergranular Corrosion Test, Method -A	ASTM G 28
231	MECHANICAL-METALLOGRAPHY TEST	Painted, Plated, Coated Panels & Products	Determination of Coating Thickness by Microscopic Method-4	IS 101 (Part-3/Sec-2), Method-4
232	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Crevice Corrosion Test Practice B, Ferric Chloride Crevice Test	ASTM G 48
233	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Ferric Chloride Pitting Test	ASTM G 48