National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : AGROMET LAB, 46A, SANGANOOR ROAD, COIMBATORE, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	ELECTROPLATED AND ANODIZED ALUMINIUM COATINGS	Neutral salt spray test	IS 9844 : 1981 RA
2	CHEMICAL- CORROSION TESTS	Inorganic & Organic Coating (Plated & Painted) Materials	Salt spray (fog) test	ASTM B117
3	CHEMICAL- CORROSION TESTS	Iron and Steel Articles with Zinc or Zinc-Alloy Coatings	weight [mass] of coating	ASTM A90/A90M
4	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	Neutral salt spray (NSS) test	ISO 9227
5	CHEMICAL- CORROSION TESTS	zinc coated iron and steel articles	Mass of zinc coating	IS 6745
6	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Beryllium	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	IS 11035
8	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Gallium	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Phosphorus	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Chromium	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Copper	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Copper	IS 11035
15	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Iron	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Iron	IS 11035
17	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Lead	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	ASTM E1251

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19	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Magnesium	IS 11035
20	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Manganese	IS 11035
22	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Nickel	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium and its Alloys	Silicon	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	Aluminium and its Alloys	Silicon	IS 11035
25	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Tin	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Titanium	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Titanium	IS 11035
28	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Aluminium and its alloys	Zinc	IS 11035
30	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Lead	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Lead	JIS G 1253
32	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Titanium	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tungsten	IS 8811
34	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tungsten	JIS G 1253
35	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	ASTM E415
37	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	IS 8811

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38	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	IS 8811
39	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Aluminium	JIS G 1253
41	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Arsenic	ASTM E415
42	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Arsenic	IS 8811
43	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Arsenic	JIS G 1253
44	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	ASTM E415
45	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Boron	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	ASTM E415
48	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	CR 10320
49	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Carbon	JIS G 1253
51	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	CR 10320
53	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	IS 8811
54	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Chromium	JIS G 1253
55	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	ASTM E415
56	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	IS 8811

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57	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	IS 8811:
58	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Cobalt	JIS G 1253
59	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	ASTM E415
60	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	CR 10320
62	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	IS 8811
63	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Copper	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	ASTM E415
65	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	CR 10320
66	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	IS 8811
67	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Manganese	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	CR 10320
70	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	IS 8811
71	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Molybdenum	JIS G 1253
72	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	ASTM E415
73	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	CR 10320
74	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	IS 8811
75	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nickel	JIS G 1253

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76	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Niobium/Columbium	ASTM E415
77	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Niobium/Columbium	IS 8811
78	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Niobium/Columbium	JIS G 1253
79	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	ASTM E415
80	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	IS 228 (Part 23)
81	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	IS 8811
82	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Nitrogen	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorus	ASTM E415
84	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorus	CR 10320
85	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorus	IS 8811
86	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Phosphorus	JIS G 1253
87	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	ASTM E415
88	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	CR 10320
89	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	IS 8811
90	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Silicon	JIS G 1253
91	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulphur	ASTM E415
92	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulphur	CR 10320
93	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulphur	IS 8811
94	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Sulphur	JIS G 1253

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95	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Tin	JIS G 1253
96	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Titanium	IS 8811
97	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Titanium	JIS G 1253
98	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	ASTM E415
99	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	IS 8811
100	CHEMICAL- METALS & ALLOYS	Carbon & Alloy Steels	Vanadium	JIS G 1253
101	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
102	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	JIS G 1253
103	CHEMICAL- METALS & ALLOYS	Cast Iron	Antimony	JIS G 1253
104	CHEMICAL- METALS & ALLOYS	Cast Iron	Arsenic	JIS G 1253
105	CHEMICAL- METALS & ALLOYS	Cast Iron	Boron	JIS G 1253
106	CHEMICAL- METALS & ALLOYS	Cast Iron	Calcium	JIS G 1253
107	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
108	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
109	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	JIS G 1253
110	CHEMICAL- METALS & ALLOYS	Cast Iron	Cerium	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	ASTM E1999
112	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
113	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	JIS G 1253

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114	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	JIS G 1253
115	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999
116	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
117	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	JIS G 1253
118	CHEMICAL- METALS & ALLOYS	Cast Iron	Lanthanum	JIS G 1253
119	CHEMICAL- METALS & ALLOYS	Cast Iron	Lead	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	IS 15338
121	CHEMICAL- METALS & ALLOYS	Cast Iron	Magnesium	JIS G 1253
122	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
123	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
124	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	JIS G 1253
125	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
126	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
127	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	JIS G 1253
128	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
129	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
130	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	JIS G 1253
131	CHEMICAL- METALS & ALLOYS	Cast Iron	Niobium/Columbium	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Cast Iron	Nitrogen	JIS G 1253

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133	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	ASTM E1999
134	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	IS 15338
135	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorus	JIS G 1253
136	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
137	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
138	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	JIS G 1253
139	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
140	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
141	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	JIS G 1253
142	CHEMICAL- METALS & ALLOYS	Cast Iron	Tellurium	JIS G 1253
143	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	ASTM E1999
144	CHEMICAL- METALS & ALLOYS	Cast Iron	Tin	JIS G 1253
145	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
146	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	IS 15338
147	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	JIS G 1253
148	CHEMICAL- METALS & ALLOYS	Cast Iron	Tungsten	JIS G 1253
149	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
150	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
151	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	JIS G 1253

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152	CHEMICAL- METALS & ALLOYS	Cast Iron	Zirconium	JIS G 1253
153	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Carbon	BS EN 15079
154	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tellurium	BS EN 15079
155	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	AML/VAL/METALS
156	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	AML/VAL/METALS
157	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Selenium	BS EN 15079
158	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
159	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
160	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079
161	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
162	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
163	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Magnesium	BS EN 15079
164	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079
165	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	BS EN 15079
166	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
167	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zirconium	BS EN 15079
168	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Aluminium	BS EN 15079
169	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Antimony	AML/VAL/METALS
170	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Antimony	BS EN 15079

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171	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Iron	AML/VAL/METALS
172	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Iron	BS EN 15079
173	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Lead	BS EN 15079
174	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Manganese	AML/VAL/METALS
175	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Manganese	BS EN 15079
176	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Nickel	AML/VAL/METALS
177	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Nickel	BS EN 15079
178	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Phosphorus	BS EN 15079
179	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Tin	AML/VAL/METALS
180	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Tin	BS EN 15079
181	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Zinc	AML/VAL/METALS
182	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Zinc	BS EN 15079
183	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	AML/VAL/Ni
184	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
185	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	AML/VAL/Ni
186	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	AML/VAL/Ni
187	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
188	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
189	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	AML/VAL/METALS

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190	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	AML/VAL/METALS
191	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	AML/VAL/Ni
192	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
193	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
194	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	AML/VAL/METALS
195	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	AML/VAL/Ni
196	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	AML/VAL/METALS
197	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
198	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	AML/VAL/Ni
199	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Lead	AML/VAL/Ni
200	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Magnesium	AML/VAL/Ni
201	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Magnesium	ASTM E3047
202	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	AML/VAL/METALS
203	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	AML/VAL/Ni
204	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
205	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	AML/VAL/METALS
206	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
207	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium/Columbium	AML/VAL/METALS
208	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium/Columbium	AML/VAL/Ni

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209	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	AML/VAL/Ni
210	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E3047
211	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin	ASTM E3047
212	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	AML/VAL/METALS
213	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	AML/VAL/Ni
214	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
215	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	AML/VAL/METALS
216	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	AML/VAL/Ni
217	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	AML/VAL/Ni
218	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
219	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zirconium	AML/VAL/METALS
220	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
221	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Lead	AML/VAL/METALS
222	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Nickel	AML/VAL/METALS
223	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium/Columbium	ASTM E3047
224	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	AML/VAL/Ni
225	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
226	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	AML/VAL/Ni
227	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047

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228	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	AML/VAL/METALS
229	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E3047
230	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	AML/VAL/Ni
231	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin	AML/VAL/METALS
232	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin	AML/VAL/Ni
233	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E3047
234	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	AML/VAL/METALS
235	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zinc	AML/VAL/METALS
236	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zinc	AML/VAL/Ni
237	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	AML/VAL/Ni
238	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	IS 9879
239	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	JIS G 1253
240	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
241	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G 1253
242	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
243	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
244	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G 1253
245	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	AML/VAL/METALS
246	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086

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247	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
248	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G 1253
249	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	AML/VAL/METALS
250	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
251	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G 1253
252	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	AML/VAL/METALS
253	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
254	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
255	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G 1253
256	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	AML/VAL/METALS
257	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
258	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
259	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G 1253
260	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	AML/VAL/METALS
261	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086:
262	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
263	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
264	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G 1253
265	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	AML/VAL/METALS

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266	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086:
267	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
268	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G 1253
269	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium/Columbium	AML/VAL/METALS
270	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium/Columbium	IS 9879
271	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium/Columbium	JIS G 1253
272	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (Part 23)
273	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
274	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G 1253
275	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	ASTM E1086:
276	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	IS 9879
277	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorus	JIS G 1253
278	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086:
279	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
280	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G 1253
281	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086:
282	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
283	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G 1253
284	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	IS 9879

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285	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tin	JIS G 1253
286	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	AML/VAL/METALS
287	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
288	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G 1253
289	CHEMICAL- METALS & ALLOYS	Stainless steel	Tungsten	AML/VAL/METALS
290	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879
291	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G 1253
292	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	AML/VAL/METALS:
293	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879:
294	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G 1253
295	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G 1253
296	CHEMICAL- METALS & ALLOYS	Tool Steel	Boron	JIS G 1253
297	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G 1253
298	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G 1253
299	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	JIS G 1253
300	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G 1253
301	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G 1253
302	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G 1253
303	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium/Columbium	JIS G 1253:

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304	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	IS 228 (Part 23)
305	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	JIS G 1253
306	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorus	JIS G 1253
307	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G 1253
308	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G 1253
309	CHEMICAL- METALS & ALLOYS	Tool Steel	Tin	JIS G 1253:
310	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G 1253
311	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G 1253
312	CHEMICAL- METALS & ALLOYS	Tool steel	Chromium	AML/VAL/METALS
313	CHEMICAL- METALS & ALLOYS	Tool steel	Cobalt	AML/VAL/METALS
314	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	AML/VAL/METALS
315	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	AML/VAL/METALS
316	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	AML/VAL/METALS
317	CHEMICAL- METALS & ALLOYS	Tool steel	Nickel	AML/VAL/METALS
318	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium/Columbium	AML/VAL/METALS
319	CHEMICAL- METALS & ALLOYS	Tool Steel	Tin	AML/VAL/METALS
320	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	AML/VAL/METALS
321	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	AML/VAL/METALS
322	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Iron	ISO 3815-1

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323	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Magnesium	ISO 3815-1
324	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Copper	ISO 3815-1
325	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	ISO 3815-1
326	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Cadmium	IS 2599
327	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Iron	IS 2599
328	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Lead	IS 2599
329	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Magnesium	IS 2599
330	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Tin	IS 2599
331	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Tin	ISO 3815-1
332	CHEMICAL- METALS & ALLOYS	Zinc & Zinc alloys	Aluminium	ISO 3815-1
333	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Vickers Hardness	ASTM E384
334	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	% Elongation after fracture	ASTM E8/E8M
335	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	% Elongation	IS 1608 (Part 1)
336	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	% Elongation	ISO 6892 (Part 1)
337	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & Products	Bend Test	IS 1599
338	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/1000)	ASTM E10

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339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/1000)	IS 1500 (Part 1)
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/1000)	ISO 6506 (Part 1)
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/3000)	ASTM E10
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/3000)	IS 1500 (Part 1)
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/3000)	ISO 6506 (Part 1)
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/500)	ASTM E10
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/500)	IS 1500 (Part 1)
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 10/500)	ISO 6506 (Part 1)
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 5/750)	ASTM E10
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 5/750)	IS 1500 (Part 1)
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Brinell Hardness (HBW 5/750)	ISO 6506 (Part 1)
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous alloys & Products	Drift expanding test	BS EN ISO 8493
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Impact Test (Charpy V & U Notch) Room Temperature to -196 °C	IS 1757 (Part 1)
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Impact Test (Izod) Room Temperature	IS 1598

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353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Impact Test (Izod) Room Temperature	BS 131-1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 0.3)	IS 1501 (Part 1)
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 0.3)	ISO 6507 (Part 1)
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 0.5)	ASTM E384
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 0.5)	IS 1501 (Part 1)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 0.5)	ISO 6507 (Part 1)
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 1)	ASTM E384
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 1)	ISO 6507 (Part 1)
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV0.3)	ASTM E384
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Reduction of Area %	ASTM E8/E8M
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Reduction of Area %	IS 1608 (Part 1)
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Reduction of Area %	ISO 6892 (Part 1)
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRBW)	ASTM E18
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRBW)	IS 1586 (Part 1)

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367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRBW)	ISO 6508 (Part 1)
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Tensile Strength	ASTM E8/E8M
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Tensile Strength	IS 1608 (Part 1)
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Tensile Strength	ISO 6892 (Part 1)
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Yield Strength	IS 1608 (Part 1)
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Yield Strength	ISO 6892 (Part 1)
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous alloys & Products	Drift expanding test	IS 2335
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Micro Vickers Hardness (HV 1)	IS 1501 (Part 1)
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Proof Strength (0.2% to 1.0%)	IS 1608 (Part 1)
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Proof Strength (0.2% to 1.0%)	ISO 6892 (Part 1)
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRA)	ASTM E18
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRA)	IS 1586 (Part 1)
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys & products	Rockwell Hardness (HRA)	ISO 6508 (Part 1)
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous Alloys & Products	Yield Strength (0.2% to 1.0%)	ASTM E8/E8M

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381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and Products	Bend Test	ISO 7438
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Impact Test (Charpy U Notch) Room Temperature to Minus 196 Deg.°C	IS 1499
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Impact Test (Charpy V & U Notch) Room Temperature to Minus 196 Deg.°C	BS EN ISO 15614-1
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Impact Test (Charpy V & U Notch) Room Temperature to Minus 196 Deg.°C	ISO 148 (Part 1)
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Flattening Test	IS 2328
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-ferrous alloys and products	Flattening Test	ISO 8492
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & non-ferrous pipes & tubes	Flattening Test	ISO 8492
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Crush Test	ASTM A370
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Bend Test	ASTM A370
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Elongation after fracture in %	ASTM A370
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Flaring Test	ASTM A370
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Flaring Test	ASTM A450/A450M
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Flattening Test	ASTM A370
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Flattening Test	ASTM A530/A530M

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395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Reduction of Area %	ASTM A370
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRA)	ASTM A370
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRBW)	ASTM A370
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	ASTM E18
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	IS 1586 (Part 1)
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	ISO 6508 (Part 1)
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness (HRC)	ASTM A370
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield Strength (0.1% to 1.0%)	ASTM A370
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness (HBW 10/1000)	ASTM A370
404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness (HBW 10/3000)	ASTM A370
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness (HBW 10/500)	ASTM A370
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness (HBW 5/750)	ASTM A370
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Shear Strength	IS 5242
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Tensile Strength	ASTM A370

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409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Yield Strength	ASTM A370
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic and other inorganic coatings	Vickers microhardness	ISO 4516
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic and other inorganic coatings	Vickers microhardness	ISO 4516
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Micro Vickers Hardness	ASTM E92
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Micro Vickers Hardness	ASTM E92
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Micro Vickers Hardness	ASTM E92
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	ASTM E92
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	ASTM E92
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	ASTM E92
418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness	ASTM E92
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	IS 1501 : Part 1
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	IS 1501 : Part 1
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	IS 1501 : Part 1
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Vickers Hardness Test	IS 1501 : Part 1

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423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers hardness test	ISO 6507-1
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers hardness test	ISO 6507-1
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers hardness test	ISO 6507-1
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers hardness test	ISO 6507-1
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-ferrous Alloys & Products	% of Elongation after fracture	ASTM B557
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-ferrous Alloys & Products	Reduction of Area %	ASTM B557
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-ferrous Alloys & Products	Tensile Strength	ASTM B557
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-ferrous Alloys & Products	Yield Strength (0.2% to 1.0%)	ASTM B557
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars	Bend Test	IS 1786
432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bars	Rebend Test	IS 1786
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Vickers hardness	ISO 9015-1
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Vickers hardness	ISO 9015-1
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Micro Vickers Hardness	ISO 9015 Part 2
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Micro Vickers Hardness	BS EN ISO 15614-1

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437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Face / Root / Side Bend	API 1104(Clause 5.6.4 &5.6.5)
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Face / Root / Side Bend	AWS D1.1/D1.1M(Clause 6.10.3.1)
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Face / Root / Side Bend	AWS D1.6/D1.6M(Clause 6.9.3.2)
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Face / Root / Side Bend	BS EN ISO 15614-1(Clause 7.4.2)
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Face / Root / Side Bend	IS 2825 (Clause 8.5.9)
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	ASME SEC IX (QW-462.4 (b))
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	AWS B4.0 (Sec.7.7.1 using ASTM A370)
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	BS EN ISO 15614-1
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	IS 3600 (Part 8, Clause 5)
446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	IS 7307-1(Clause 7.2.2)
447	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Fracture Test	ISO 9017(Clause 8.2)
448	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Nick Break Test	API 1104 (Clause 5.6.3)
449	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Nick Break Test	AWS B4.0(Sec. 9)
450	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Nick Break Test	IS 2825 (Clause 8.5.10)

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451	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Nick Break Test	IS 3600 (Part 8, Clause 4)
452	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Root / Face / Side Bend	ASME Sec IX (QW 160)
453	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Root / Face / Side Bend	ASTM A 370
454	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Root / Face / Side Bend	IS 3600 -7(Clause 6)
455	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Root / Face / Side Bend	IS 7307-1(Clause 7.3.3)
456	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Weld Test Specimens	Root / Face / Side Bend	ISO 5173 (Clause 6.2.1)
457	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	EN ISO 15614 Part 1
458	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Chisel Test & Peel Test	ISO 10447
459	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	ASME Sec IX (QW 150)
460	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Chisel Test & Peel Test	AWS B4.0 (Clause 11.2.3)
461	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Face / Root / Side Bend	AWS B4.0(Clause 6.8.2)
462	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Shear Test	ISO 14273(Clause 4.0)
463	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Shear Test	ASME Sec IX (QW 462.9)
464	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Shear Test	AWS B4.0 (Clause 11.8.2.1)

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465	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Tensile Strength	API 1104 (Clause 6.5.3)
466	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS B4.0(Clause 4.8)
467	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS D1.1/D1.1M(Clause 6.10.3.4 & 6.10.3.5)
468	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	AWS D1.6/D1.6M(Clause 6.9.3.3)
469	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IS 2825 (Clause 8.6.1)
470	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Tensile Strength	IS 7307-1(Clause 7.3.3 c&d)
471	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded Test Specimens	Transverse Tensile Test	ISO 4136
472	MECHANICAL-METALLOGRAPHY TEST	5XXX Series Aluminum Alloys	Susceptibility to Intergranular Corrosion - Mass Loss After Exposure to Nitric Acid (NAMLT Test)	ASTM G67
473	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	Macro Examination	IS 12573
474	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice A (Oxalic Acid Etch Test)	ASTM A262
475	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice E—Copper–Copper Sulfate–Sulfuric Acid Test	ASTM A262
476	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice B—Ferric Sulfate-Sulfuric Acid Test	ASTM A262
477	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice C—Nitric Acid Test	ASTM A262

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478	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice F—Copper–Copper Sulfate–50 % Sulfuric Acid Test	ASTM A262
479	MECHANICAL-METALLOGRAPHY TEST	Austenitic and ferritic-austenitic (duplex) stainless steels	intergranular corrosion in nitric acid medium by measurement of loss in mass (HUEY TEST)	ISO 3651-1
480	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Micro examination	IS 7754
481	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microexamination	ISO 945-1
482	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microexamination	ASTM A247
483	MECHANICAL-METALLOGRAPHY TEST	Copper and copper alloys	Grain size measurement	ISO 2624
484	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic/ Ferritic Stainless Steels	Detrimental Intermetallic Phase - Test Method C (Ferric Chloride Corrosion Test)	ASTM A923
485	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detrimental Intermetallic Phase - Method A	ASTM A923
486	MECHANICAL-METALLOGRAPHY TEST	Electroplating coating on Metals	Measurement of electroplating coating thickness by Microscopic method	IS 3203
487	MECHANICAL-METALLOGRAPHY TEST	Ferritic / austenitic (duplex) stainless steels	Microstructural examination & Ferrite content measurement	ISO 17781 (Section 5.2 & 5.3)
488	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice W—Oxalic acid etch test	ASTM A763
489	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice X—Ferric sulfate-sulfuric acid test	ASTM A763
490	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice X—Ferric sulfate-sulfuric acid test	ASTM A763
491	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice Y—Copper-copper sulfate-50 % sulfuric acid test	ASTM A763

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492	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack - Practice Y—Copper-copper sulfate-50 % sulfuric acid test	ASTM A763
493	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Detecting Susceptibility to Intergranular Attack -Practice Z—Copper-copper sulfate-16 % sulfuric acid test	ASTM A763
494	MECHANICAL-METALLOGRAPHY TEST	Ferritic,austenitic and ferritic-austenitic (duplex) stainless steels	Resistance to intergranular corrosion of stainless steels (METHOD A, B & C)	ISO 3651-2
495	MECHANICAL-METALLOGRAPHY TEST	Ferritic/austenitic (duplex) stainless steels	Ferric chloride corrosion test	ISO 17781 (Section 5.5)
496	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Alloys & itsProducts	Micro & Macro examination	ASM METALS HAND BOOK VOL-09
497	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Alloys Products Steel	Grain size measurement	ASTM E112
498	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Hardness Traverse method)	SAE J 423
499	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Case Depth (Microscopic method)	SAE J 423
500	MECHANICAL-METALLOGRAPHY TEST	Grey cast iron and SG iron products	Microexamination	ASM METALS HAND BOOK VOL-09
501	MECHANICAL-METALLOGRAPHY TEST	Heat Treatable Aluminum Alloys	Intergranular Corrosion Resistance - Immersion in Sodium Chloride + Hydrogen Peroxide Solution	ASTM G110-92
502	MECHANICAL-METALLOGRAPHY TEST	Lean Duplex Austenitic / Ferritic Stainless Steels	Detrimental Phase - Test Method C (Inhibited Ferric Chloride Corrosion Test)	ASTM A1084-15a
503	MECHANICAL-METALLOGRAPHY TEST	Lean Duplex Austenitic/Ferritic Stainless Steels	Detrimental Phase - Test Method A (Etch Method)	ASTM A1084-15a
504	MECHANICAL-METALLOGRAPHY TEST	Metal and Oxide coating on Metals	Measurement of Metal and oxide coating thickness by Microscopic method	ASTM B487
505	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide coating on Metals	Measurement of coating thickness by Microscopic method	ISO 1463
506	MECHANICAL-METALLOGRAPHY TEST	Metals and Alloys	Macroetch test	ASTM E340

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507	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method A—Ferric chloride pitting test	ASTM G-48-2011 RA
508	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method B—Ferric chloride crevice test	ASTM G-48-2011 RA
509	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method C—Critical pitting temperature test for nickel base and chromium-bearing alloys	ASTM G-48-2011 RA
510	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method D—Critical crevice temperature test for nickel-base and chromium-bearing alloys	ASTM G-48-2011 RA
511	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method E—Critical pitting temperature test for stainless steels	ASTM G-48-2011 RA
512	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Duplex Stainless Steels	Method F—Critical crevice temperature test for stainless steels	ASTM G-48-2011 RA
513	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Case Depth (Hardness Traverse method)	IS 6416
514	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Case Depth (Microscopic method)	IS 6416
515	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Depth of Decarburization	ASTM E1077
516	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Depth of Decarburization	ISO 1083
517	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Grain size measurement	IS 4748
518	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Inclusion analysis	SAE J 422
519	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Inclusion analysis	ASTM E45
520	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Inclusion analysis	ISO 4967
521	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Depth of Decarburization	IS 6396
522	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Determining Volume Fraction by Systematic Manual Point count	ASTM E562

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523	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Grain size measurement	ISO 643
524	MECHANICAL-METALLOGRAPHY TEST	Steel & its Products	Inclusion analysis	IS 4163
525	MECHANICAL-METALLOGRAPHY TEST	Steel Bars, Billets, Blooms, and Forgings	Macroetch test	ASTM E381
526	MECHANICAL-METALLOGRAPHY TEST	Surface-hardened layers	Case Depth (Hardness Traverse method)	ISO 18203
527	MECHANICAL-METALLOGRAPHY TEST	Surface-hardened layers	Case Depth (Microscopic method)	ISO 18203
528	MECHANICAL-METALLOGRAPHY TEST	Surface-hardened layers	Measurement of Surface-hardened Depth by Microscopic method	ISO 18203
529	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macro Examination	ASME SEC IX (QW 183,QW 184)
530	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macro & Micro examination	IS 3600 (Part 9)
531	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macro & Micro Examination	IS 7307 : Part 1:1974 RA
532	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macro Examination	AWS B4.0
533	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macroetch test	AWS D1.1/D1.1M (6.10.4 & 6.23.2)
534	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macroetch test	AWS D1.6/D1.6M (6.8.1.1 , 6.9.3.4 & 6.15.7)
535	MECHANICAL-METALLOGRAPHY TEST	Welds & welded test specimens	Macroscopic and microscopic examination	ISO 17639
536	MECHANICAL-METALLOGRAPHY TEST	Wrought Steel Products	Macroetch test	IS 11371
537	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Detecting Susceptibility to Intergranular Corrosion Method A, Ferric Sulfate-Sulfuric Acid Test	ASTM G28-02
538	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Detecting Susceptibility to Intergranular Corrosion Method B, Mixed Acid-Oxidizing Salt Test	ASTM G28-02

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Site Facility				
1	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Antimony	AML/VAL/METALS
2	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Iron	AML/VAL/METALS
3	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Manganese	AML/VAL/METALS
4	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Nickel	AML/VAL/METALS
5	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Tin	AML/VAL/METALS
6	CHEMICAL- METALS & ALLOYS	Copper and its alloys	Zinc	AML/VAL/METALS
7	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	AML/VAL/METALS
8	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	AML/VAL/METALS
9	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	AML/VAL/METALS
10	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	AML/VAL/METALS
11	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zirconium	AML/VAL/METALS
12	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Lead	AML/VAL/METALS
13	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	AML/VAL/METALS
14	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tin	AML/VAL/METALS
15	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	AML/VAL/METALS
16	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zinc	AML/VAL/METALS
17	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	AML/VAL/METALS
18	CHEMICAL- METALS & ALLOYS	Stainless steel	Cobalt	AML/VAL/METALS

SCOPE OF ACCREDITATION

Laboratory Name : AGROMET LAB, 46A, SANGANOOR ROAD, COIMBATORE, TAMIL NADU, INDIA
Accreditation Standard ISO/IEC 17025:2017
Certificate Number TC-8257 **Page No** 34 of 34
Validity 29/01/2023 to 28/01/2025 **Last Amended on** 07/03/2023

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
19	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	AML/VAL/METALS
20	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	AML/VAL/METALS
21	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	AML/VAL/METALS
22	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	AML/VAL/METALS
23	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium/Columbium	AML/VAL/METALS
24	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	AML/VAL/METALS
25	CHEMICAL- METALS & ALLOYS	Stainless steel	Tungsten	AML/VAL/METALS
26	CHEMICAL- METALS & ALLOYS	Stainless steel	Vanadium	AML/VAL/METALS:
27	CHEMICAL- METALS & ALLOYS	Tool steel	Chromium	AML/VAL/METALS
28	CHEMICAL- METALS & ALLOYS	Tool steel	Cobalt	AML/VAL/METALS
29	CHEMICAL- METALS & ALLOYS	Tool Steel	Copper	AML/VAL/METALS
30	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	AML/VAL/METALS
31	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	AML/VAL/METALS
32	CHEMICAL- METALS & ALLOYS	Tool steel	Nickel	AML/VAL/METALS
33	CHEMICAL- METALS & ALLOYS	Tool Steel	Niobium/Columbium	AML/VAL/METALS
34	CHEMICAL- METALS & ALLOYS	Tool Steel	Tin	AML/VAL/METALS
35	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	AML/VAL/METALS
36	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	AML/VAL/METALS