National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MICROLAB, NO 45A, 4TH PHASE, SIDCO INDUSTRIAL ESTATE, HOSUR, KRISHNAGIRI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/10/2022 to 15/10/2024 **Last Amended on** 14/01/2023

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
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	Ferrous and Non Ferrous Materials (Inorganic & Organic Coating for Plated and Painted)	Neutral Salt Spray Testing	ISO 9227
2	CHEMICAL- CORROSION TESTS	Ferrous and Non Ferrous Materials (Inorganic & Organic Coating for Plated and Painted)	Neutral Salt Spray Testing	ASTM B117
3	CHEMICAL- CORROSION TESTS	Ferrous and Non Ferrous Materials (Inorganic & Organic Coating for Plated and Painted)	Neutral Salt Spray Testing	JIS Z2371
4	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Antimony	ASTM E1251
5	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Beryllium	ASTM E1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Bismuth	ASTM E1251
7	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Chromium	ASTM E1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Copper	ASTM E1251
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Iron	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Lead	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Magnesium	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Manganese	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Nickel	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Strontium	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Tin	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Titanium	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Vanadium	ASTM E1251

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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
19	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zinc	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zirconium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Carbon	ASTM E1999
22	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Carbon	JIS G1253
23	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Chromium	ASTM E1999
24	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Chromium	JIS G1253
25	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Copper	ASTM E1999
26	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Copper	JIS G1253
27	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Magnesium	ASTM E1999
28	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Magnesium	JIS G1253
29	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Manganese	ASTM E1999
30	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Manganese	JIS G1253
31	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Molybdenum	ASTM E1999
32	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Molybdenum	JIS G1253
33	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Nickel	ASTM E1999
34	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Nickel	JIS G1253
35	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Phosphorous	ASTM E1999
36	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Phosphorous	JIS G1253
37	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Silicon	ASTM E1999

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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
38	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Silicon	JIS G1253
39	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Sulphur	ASTM E1999
40	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Sulphur	JIS G1253
41	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Tin	ASTM E1999
42	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Tin	JIS G1253
43	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Titanium	ASTM E1999
44	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Titanium	JIS G1253
45	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Vanadium	ASTM E1999
46	CHEMICAL- METALS & ALLOYS	Cast Iron & SG Iron	Vanadium	JIS G1253
47	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Aluminium	BS EN 15079
48	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Antimony	BS EN 15079
49	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Arsenic	BS EN 15079
50	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Beryllium	BS EN 15079
51	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Bismuth	BS En 15079
52	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Chromium	BS EN 15079
53	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Cobalt	BS EN 15079
54	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Iron	BS EN 15079
55	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Lead	BS EN 15079
56	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Manganese	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
57	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Nickel	BS EN 15079
58	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Phosphorous	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Silicon	BS EN 15079
60	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Sulphur	BS EN 15079
61	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Tin	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Zinc	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Aluminium	ASTM E3047
64	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Carbon	ASTM E3047
65	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Chromium	ASTM E3047
66	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Cobalt	ASTM E3047
67	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Copper	ASTM E3047
68	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Iron	ASTM E3047
69	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Manganese	ASTM E3047
70	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Molybdenum	ASTM E3047
71	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Niobium	ASTM E3047
72	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Phosphorus	ASTM E3047
73	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Silicon	ASTM E3047
74	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Sulphur	ASTM E3047
75	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Tantalum	ASTM E3047

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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
76	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Titanium	ASTM E3047
77	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Tungusten	ASTM E3047
78	CHEMICAL- METALS & ALLOYS	Nickel & Nickel Alloys	Vanadium	ASTM E3047
79	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Aluminium	ASTM E415
80	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Aluminium	IS 8811
81	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Aluminium	JIS G1253
82	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Arsenic	ASTM E415
83	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Arsenic	IS 8811
84	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Arsenic	JIS G1253
85	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Boron	ASTM E415
86	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Boron	IS 8811
87	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Boron	JIS G1253
88	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Carbon	ASTM E415
89	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Carbon	IS 8811
90	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Carbon	JIS G1253
91	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Chromium	ASTM E415
92	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Chromium	IS 8811
93	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Chromium	JIS G1253
94	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Cobalt	ASTM E 415

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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
95	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Cobalt	IS 8811
96	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Cobalt	JIS G1253
97	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Copper	ASTM E415
98	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Copper	IS 8811
99	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Copper	JIS G1253
100	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Lead	ASTM E415
101	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Lead	JIS G1253
102	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Manganese	ASTM E415
103	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Manganese	IS 8811
104	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Manganese	JIS G1253
105	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Molybdenum	ASTM E415
106	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Molybdenum	IS 8811
107	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Molybdenum	JIS G1253
108	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Nickel	ASTM E415
109	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Nickel	IS 8811
110	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Nickel	JIS G1253
111	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Niobium	ASTM E415
112	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Niobium	IS 8811
113	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Niobium	JIS G1253

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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
114	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Nitrogen	ASTM E415
115	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Nitrogen	JIS G 1253
116	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Phosphorous	ASTM E415
117	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Phosphorous	IS 8811
118	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Phosphorous	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Silicon	ASTM E415
120	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Silicon	IS 8811
121	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Silicon	JIS G1253
122	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Sulphur	ASTM E415
123	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Sulphur	IS 8811
124	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Sulphur	JIS G1253
125	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Tin	ASTM E415
126	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Tin	IS 8811
127	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Tin	JIS G1253
128	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Titanium	ASTM E415
129	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Titanium	IS 8811
130	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Titanium	JIS G1253
131	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Tungsten	ASTM E415
132	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Tungsten	JIS G1253

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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
133	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Vanadium	ASTM E415
134	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Vanadium	IS 8811
135	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Vanadium	JIS G1253
136	CHEMICAL- METALS & ALLOYS	Plan Carbon & Low Alloy Steel	Zirconium	JIS G1253
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G1253
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G1253
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
145	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G1253
146	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
147	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
148	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G1253
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
151	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253

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152	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
153	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
154	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
155	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G1253
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G1253
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G1253
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tantalum	JIS G1253
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253

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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
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G1253
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Zirconium	JIS G1253
174	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Aluminium	ASTM E2994
175	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Carbon	ML/VAL/Ti-22-23 by OES
176	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Chromium	ASTM E2994
177	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Copper	ASTM E2994
178	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Iron	ASTM E2994
179	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Manganese	ASTM E2994
180	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Molybdenum	ASTM E2994
181	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Nickel	ASTM E2994
182	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Nitrogen	ASTM E2994
183	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Oxygen	ASTM E2994
184	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Silicon	ASTM E2994
185	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Tin	ASTM E2994
186	CHEMICAL- METALS & ALLOYS	Titanium & Titanium Alloys	Vanadium	ASTM E2994
187	CHEMICAL- METALS & ALLOYS	Tool Steel	Aluminium	JIS G1253
188	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
189	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253

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190	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253
191	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
192	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253
193	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253
194	CHEMICAL- METALS & ALLOYS	Tool Steel	Nitrogen	JIS G1253
195	CHEMICAL- METALS & ALLOYS	Tool Steel	Phosphorous	JIS G1253
196	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
197	CHEMICAL- METALS & ALLOYS	Tool Steel	Sulphur	JIS G1253
198	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
199	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
200	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Aluminium	ISO 3815 Part 1
201	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Cadmium	ISO 3815 Part 1
202	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Copper	ISO 3815 Part 1
203	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Iron	ISO 3815 Part 1
204	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Lead	ISO 3815 Part 1
205	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Magnesium	ISO 3815 Part 1
206	CHEMICAL- METALS & ALLOYS	Zinc & Zinc Alloys	Tin	ISO 3815 Part 1
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Fasteners (External & Internal Threaded)	Proof Load for Bolts, Screw, Studs	ISO 898 Part 1

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208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Fasteners (External & Internal Threaded)	Proof Load for Bolts, Screw, Studs	IS 1367 Part 3
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Fasteners (External & Internal Threaded)	Proof Load for Nuts	IS 1367 Part 6
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Fasteners (External & Internal Threaded)	Proof Load of Nuts	ISO 898 Part 2
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 120 & Minus 196 Degree Celsius	ASTM E23
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charpy Impact Test (Ambient to minus 120 & Minus 196 Degree Celsius	IS 2825
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Root Bend, Face Band & Side Bend)	AS 2205.3.1
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Root Bend, Face Band & Side Bend)	ASME Section IX
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Root Bend, Face Band & Side Bend)	BS EN ISO 15614 Part 1
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Root Bend, Face Band & Side Bend)	BS EN ISO 5173
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Bend Test (Root Bend, Face Band & Side Bend)	IS 2825
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	ASME SEC II Part C
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	ASME Section IX
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	BS EN ISO 15614 Part 1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	EN ISO 9016

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222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	IS 1757 Part 1
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	ISO 148 Part 1
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	ISO 9016
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Elongation %	ASME SEC II Part C
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Elongation %	AWS B4.0/B4.0M
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Fracture Test	IS 2825
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Fracture Test	ISO 9017
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Nick Break Test	IS 2825
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Peel Test	ASME Section IX
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Pull Out & Push Out Test	ASME Section IX
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Pull Out & Push Out Test	ASME Sextion VIII Division 1
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Reduction Area %	ASME SEC II Part C
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Reduction Area %	AWS B4.0/B4.0M
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Section Test	ASME Section IX

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236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Strength	ASME Section IX
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Strength	BS EN ISO 15614 Part 1
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Strength	BS EN ISO 4136
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Strength	IS 2825
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test - Tensile Strength	AS 1554.1
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test - Tensile Strength	AWS B4.0
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test - Tensile Strength	GOST 6996
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test - Tensile Strength (UTS)	ASME SEC II Part C
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Tensile Test - Tensile Strength (UTS)	AWS B4.0/B4.0M
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Transverse Tensile Test - Tensile Strength	AS 2205.2.1
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV1,HV5,HV10)	ASME SEC IX
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV1,HV5,HV10)	ASTM E92
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV1,HV5,HV10)	ISO 6507 Part 1
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV1,HV5,HV10)	ISO 9015 Part 1

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250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV1-HV50)	AS 2205.6.1
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Vickers Hardness (HV5,HV10)	BS EN ISO 15614 Part 1
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Yield Strength (0.2% and 1% offset, YS)	ASME SEC II Part C
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Weld Joints	Yield Strength (0.2% and 1% Ooffset, YS)	AWS B4.0/B4.0M
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous &Non Ferrous Fasteners (External&Internal Threaded)	Proof Load for Bolts,Screw, Studs &Nuts	ASTM F606
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV 5, HV 10, HV 30, HV50)	IS 1501 Part 1
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV 5, HV 10, HV 30, HV50)	ASTM E92
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV5, HV 10, HV 30, HV50kg)	ISO 6507 Part 1
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Micro Vickers Hardness (100gf, 200gf, 300gf, 500gf,1000gf)	ASTM E384
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial Tensile Strength & Wedge Tensile Strength	ASTM F606/F606M
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial Tensile Strength & Wedge Tensile Strength	EN ISO 898 Part 1
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Axial Tensile Strength & Wedge Tensile Strength	IS 1367 Part 3
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend & Rebend)	IS 1786

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264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend & Rebend)	ISO 7438
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend for Samples)	ISO 8491
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend)	ASTM A370
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend)	IS 1599
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend)	ISO 7438
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Bend Test - (Bend)	JIS Z2248
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Brinell Hardness (Load: 10/ 3000, 5/ 750, 10/500, 2.5/187.5)	ASTM E10
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Brinell Hardness (Load: 10/ 3000, 5/ 750, 10/500, 2.5/187.5)	IS 1500 Part 1
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Brinell Hardness (Load: 10/ 3000, 5/ 750, 10/500, 2.5/187.5)	ISO 6506 Part 1
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Brinell Hardness (Load: 10/ 3000, 5/ 750, 10/500, 2.5/187.5)	JIS Z2243.1
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 and minus 196 Degree Celsius)	ASTM A370
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 and minus 196 Degree Celsius)	ASTM E23
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 and minus 196 Degree Celsius)	ISO 148 Part 1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 and minus 196 Degree Celsius)	JIS Z2242

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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 and minus 196 Degree Celsius)	IS 1757 Part 1
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Crush Test	ASTM A370
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Drift Expanding Test	IS 2335
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Strength (UTS)	ASTM E21
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - Yield Strength (0.2% and 1% Offset YS)	ASTM E21
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test - Yield Strength (0.2% and 1% Offset YS)	ISO 6892 Part 2
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elevated Tensile Test- Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ISO 6892 Part 2
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	ASTM A370
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	ASTM E8/E8M
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	IS 1608 Part 1
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	IS 1786
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	ISO 6892 Part 1
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation	JIS Z2241
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation (Elevated Tensile Test)	ASTM E21

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292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Elongation (Elevated Tensile Test)	ISO 6892 Part 2
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Flaring Test	ASTM A370
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Flattening Test	ASTM A370
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Flattening Test	ASTM A530/A530M
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Flattening Test	IS 2328
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	ASTM A370
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	ASTM A770
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	ASTM E8/E8M
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	EN 10164
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	IS 1608 Part 1
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	ISO 6892 Part 1
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area	JIS Z2241
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area (Elevated Tensile Test)	ASTM E21
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Reduction in Area (Elevated Tensile Test)	ISO 6892 Part 2

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306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ASTM A370
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ASTM A370
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ISO 6508 Part 1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ISO 6508 Part 1
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	ISO 6508 Part 1
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Elevated Tensile Strength (UTS)	ISO 6892 Part 2

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320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	ASTM A770
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	ASTM E8/E8M
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	IS 1608 Part 1
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	IS 1786
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	ISO 6892 Part 1
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	JIS Z2241
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Tensile Strength (UTS)	ASTM A370
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength (0.2% and 1% Offset YS)	ASTM A770
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Tensile Test - Yield Strength (0.2% and 1% Offset YS)	JIS 2241
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV 5, HV10, HV 30, HV50)	AS 1817.1
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV5, HV20, HV30, HV50kg)	ASTM E92
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV5, HV20, HV30, HV50kg)	IS 1501 Part 1
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV5, HV20, HV30, HV50kg)	ISO 6507 Part 1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Vickers Hardness (HV1, HV5, HV20, HV30, HV50kg)	ISO 9015 Part 1

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334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ASTM A370
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ASTM E8/E8M
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	IS 1608 Part 1
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	IS 1786
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ISO 6892 Part 1
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ASTM A370
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ASTM E21
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ASTM E8/E8M
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	IS 1608 Part 1
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ISO 6892 Part 1
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area (Elevated Tensile Test)	ISO 6892 Part 2
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area	ASTM E8/E8M
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Axial Tensile Strength & Wedge Tensile Strength	ASTMF606/F606M
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Bend Test - (Bend)	IS 1599

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348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Bend Test - (Bend)	ISO 7438
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Bend Test (Bend)	ASTM E290
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Brinell Hardness(Load:10/3000,5/750, 10/500,2.5/187.5)	ASTM E10
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Brinell Hardness(Load:10/3000,5/750, 10/500,2.5/187.5)	IS 1500 Part 1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Brinell Hardness(Load:10/3000,5/750, 10/500,2.5/187.5)	ISO 6506 Part 1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Brinell Hardness(Load:10/3000,5/750, 10/500,2.5/187.5)	ISO 6506 Part 1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 & minus196 Degree Celsius)	ASTM E23
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 & minus196 Degree Celsius)	IS 1757 Part 1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Charpy Impact Test (Ambient to minus 120 & minus196 Degree Celsius)	ISO 148 Part 1
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Drift Expanding Test	IS 2335
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Strength (UTS)	ASTM E21
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Strength (UTS)	ISO 6892 Part 2
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Tensile Test- Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ISO 6892 Part 2
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Yield Strength (0.2% and 1% Offset YS)	ASTM E21

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362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elevated Yield Strength (0.2% and 1% Offset YS)	ISO 6892 Part 2
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation	ASTM B557M
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation	ASTM E8/E8M
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation	IS 1608 Part 1
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation	ISO 6892 Part 1
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation (Elevated Tensile Test)	ASTM E21
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Elongation (Elevated Tensile Test)	ISO 6892 Part 2
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Flanging	IS 2330
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Flaring Test	ASTM A370
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Flaring Test	ASTM A450/A450M
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Flaring Test	IS 2330
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Flattening Test	IS 2328
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Micro Vickers Hardness (100gf,200gf,300gf,500gf,1000 gf)	ASTM E384
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Micro Vickers Hardness (100gf,200gf,300gf,500gf,1000 gf)	ASTM E92

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376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Micro Vickers Hardness (100gf,200gf,300gf,500gf,1000 gf)	IS 1501 Part 1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Micro Vickers Hardness (100gf,200gf,300gf,500gf,1000 gf)	ISO 6507 Part 1
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Micro Vickers Hardness (100gf,200gf,300gf,500gf,1000 gf)	ISO 9015 Part 1
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area	ASTM B557M
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area	IS 1608 Part 1
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area	ISO 6892 Part 1
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Reduction in Area (Elevated Tensile Test)	ASTM E21
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	ASTM E18
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	IS 6508 Part 1
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	IS 6508 Part 1

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390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	ISO 6508 Part 1
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	JIS Z2245
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Rockwell Hardness	IS 1586 Part 1
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Strength (UTS)	ASTM B557
396	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Strength (UTS)	ASTM E8/E8M
397	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Strength (UTS)	IS 1608 Part 1
398	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Strength (UTS)	ISO 6892 Part 1
399	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Tensile Strength (UTS)	ASTM B557
400	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Vickers Hardness (HV1 - HV50)	ASTM E92
401	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Vickers Hardness (HV1,HV5,HV10,HV30,HV50)	IS 1501 Part 1
402	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Vickers Hardness (HV1,HV5,HV10,HV30,HV50)	ISO 6507 Part 1
403	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ASTM B557

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404	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ASTM E8/E8M
405	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	IS 1608 Part 1
406	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2% and 1% Offset YS)	ISO 6892 Part 1
407	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ASTM E21
408	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ASTM E8/E8M
409	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	IS 1608 Part 1
410	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials & Alloys	Yield Strength (0.2%,0.5% & 1.0% Proof Strength)	ISO 6892 Part 1
411	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Bend Test (Root Bend, Face Band & Side Bend)	API 1104
412	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Bend Test (Root Bend, Face Band & Side Bend)	AWS D1.1
413	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Bend Test (Root Bend, Face Band & Side Bend)	AWS D1.3
414	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Bend Test (Root Bend, Face Band & Side Bend)	AWS D1.6
415	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Bend Test (Root Bend, Face Band & Side Bend)	IS 7307 Part 1
416	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Charphy Impact Ambient to minus 120 & minus 196 Degree Celsius	API 1104
417	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Charpy Impact Ambient to minus 120 & minus 196 Degree Celsius	ASTM A370

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418	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Elongation %	IS 7307 Part 1
419	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	API 1104
420	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	ASME Section IX
421	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	AWS D1.1
422	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	AWS D1.3 / 1.3M
423	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	AWS D1.6
424	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Fracture Test	IS 7307 Part 1
425	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Longitudinal Bend Test (Root Bend & Face Band)	IS 3600 Part 7
426	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Nick Break Test	API 1104
427	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Reduction in Area %	IS 7307 Part 1
428	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Strength	API 1104
429	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Strength	AWS D1.1
430	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Strength	AWS D1.3 / 1.3M
431	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Strength	AWS D1.6

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432	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Strength	IS 7307 Part 1
433	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Test - Tensile Strength	ISO 9606 Part 1
434	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Tensile Test - Tensile Strength (UTS)	IS 7307 Part 1
435	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Vickers Hardness (HV5,HV10)	NACE MR0175 - ISO 15156
436	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Ferrous materials & Alloy products	Yield Strength (0.2% and 1% offset, YS)	IS 7307 Part
437	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & welded Test Specimens - Metallic Materials	Charpy Impact Test (Ambient to minus 120 & minus196 Degree Celsius)	EN ISO 9016
438	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & welded Test Specimens - Metallic Materials	Vickers Hardness (HV5,HV10)	ISO 9015 Part 1
439	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & welded test specimens - Metallic Materials	Bend Test - (Bend)	ASTM E190
440	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & welded Test Specimens - Metallic Materials	Bend Test (Bend)	ASTM E190
441	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Other Non Ferrous materials & Alloy products	Tensile Test - Tensile Strength	ISO 9606 Part 2
442	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Other Non Ferrous materials & Alloy products	Tensile Test - Tensile Strength	ISO 9606 Part 3
443	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Other Non Ferrous materials & Alloy products	Tensile Test - Tensile Strength	ISO 9606 Part 4
444	MECHANICAL-MECHANICAL PROPERTIES OF METALS	weld & welded Test Specimens - Other Non Ferrous materials & Alloy products	Tensile Test - Tensile Strength	ISO 9606 Part 5
445	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and Welded test specimens- metallic materials	Vickers Hardness (HV5, HV10 kg)	ISO 9015 Part 1

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446	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld and welded test specimens-metallic materials	Hardness Test (Vickers Hardness - HV5, HV10)	ISO 9015 Part 1
447	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	Grain Size Measurements by Comparison Method and Intercept Method	ASTM E112
448	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Microscopic Method	ISO 18203
449	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case depth by Hardness Traverse method	ISO 2639
450	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case depth by Hardness Traverse method	IS 13691
451	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case depth by Hardness Traverse method	IS 6416
452	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case depth by Hardness Traverse method	ISO 18203
453	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Microscopic Method	IS 13691
454	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case depth by Microscopic Method	IS 6416
455	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steels & Nitrided Steels	Case Depth by Microscopic Method	ISO 2639
456	MECHANICAL-METALLOGRAPHY TEST	Copper materials, alloys & products	Grain Size Measurements by Comparison Method and Intercept Method	ASTM E112
457	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steels	Volume fraction of Phase	ASTM E562
458	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Material & alloy products	Macro Examination	ASM Metals Hand Book Volume 9
459	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Material & alloy products	Micro Examination	ASM Metals Hand Book Volume 9
460	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Weld Specimens	Macro Examination	AWS D1.1
461	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Weld Specimens	Macro Examination	BS EN ISO 15614 Part 1
462	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Decarburization Depth	ASTM E1077
463	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Decarburization Depth	ASTM F2328

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464	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Decarburization Depth	IS 1367 Part 6
465	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Decarburization Depth	IS 6396
466	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Decarburization Depth	ISO 3887
467	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Grain Size Measurements by Comparison Method and Intercept Method	ASTM E112
468	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Grain Size Measurements by Comparison Method and Intercept Method	EN ISO 643
469	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Grain Size Measurements by Comparison Method and Intercept Method	IS 4748
470	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Inclusion Rating	ASTM E45
471	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Inclusion Rating	BS EN 10247
472	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Inclusion Rating	IS 4163
473	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Macro Examination	ASTM A604
474	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Macro Examination	ASTM E381
475	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Macro Examination	IS 11371
476	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Macro Examination	IS 13015
477	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Micro Examination	ASTM A892
478	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Micro Examination	ASTM A923 Method A
479	MECHANICAL-METALLOGRAPHY TEST	Ferrous Material & alloy products	Micro Examination	ASTM F2282
480	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron & SG Iron Products	Micro Examination Graphite Flakes / Nodules type and size, Distribution characteristics and matrix analysis	ASM Metal Hand Book Volume 9

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481	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron & SG Iron Products	Micro Examination Graphite Flakes / Nodules type and size, Distribution characteristics and matrix analysis	ASTM A247
482	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron & SG Iron Products	Micro Examination Graphite Flakes / Nodules type and size, Distribution characteristics and matrix analysis	IS 7754
483	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron & SG Iron Products	Micro Examination Graphite Flakes / Nodules type and size, Distribution characteristics and matrix analysis	ISO 1083
484	MECHANICAL-METALLOGRAPHY TEST	Gray Cast Iron & SG Iron Products	Micro Examination Graphite Flakes / Nodules type and size, Distribution characteristics and matrix analysis	ISO 945 Part 1
485	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Metal and Oxide Coating Thickness by Microscopic Method	ASTM B487
486	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Metal and Oxide Coating Thickness by Microscopic Method	ISO 1463
487	MECHANICAL-METALLOGRAPHY TEST	Metallic and Oxide Coating on Metals	Measurement of Thickness of Electro Plated Coating	IS 3203
488	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous metals & Alloy products	Grain Size Measurements by Comparison Method and Intercept Method	ASTM E112
489	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous: Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Castings, Machined and Ground Parts	Macro Examination	ASM Metals Hand Book Volume 9
490	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous: Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Castings, Machined and Ground Parts	Macro Examination	ASME Section IX
491	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous: Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Castings, Machined and Ground Parts	Macro Examination	EN ISO 17639
492	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous: Billets, Blooms, Hot rolled Products, Forgings, Extrusion, Sheets, Plates, Weldments, Castings, Machined and Ground Parts	Micro Examination	ASM Metals Hand Book Volume 9
493	MECHANICAL-METALLOGRAPHY TEST	Others - Ferritic & Austenitic -Duplex stainless steels	Micro Examination	ISO 17781

SCOPE OF ACCREDITATION

Laboratory Name : MICROLAB, NO 45A, 4TH PHASE, SIDCO INDUSTRIAL ESTATE, HOSUR, KRISHNAGIRI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 16/10/2022 to 15/10/2024 **Last Amended on** 14/01/2023

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
494	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Grain Size Measurements by Comparison Method	EN ISO 643
495	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Grain Size Measurements by Comparison Method	IS 4748
496	MECHANICAL-METALLOGRAPHY TEST	Steel & Stainless Steel	Grain Size Measurements by Comparison Method and Intercept Method	ASTM E112
497	MECHANICAL-METALLOGRAPHY TEST	Weld & weld Test specimens - Ferrous & Non Ferrous materials	Macro Examination	ASME Section IX
498	MECHANICAL-METALLOGRAPHY TEST	Weld & weld Test specimens - Ferrous materials	Macro Eamination	ISO 9606 Part 1
499	MECHANICAL-METALLOGRAPHY TEST	Weld & weld Test specimens -Metallic materials	Macro Examination	AS 2205.5.1
500	MECHANICAL-METALLOGRAPHY TEST	Weld & weld Test specimens -Metallic materials	Macro Examination	EN ISO 17639
501	MECHANICAL-METALLOGRAPHY TEST	Weld & weld Test specimens -Non Ferrous metals	Macro Examination	BS EN 12797
502	MECHANICAL-METALLOGRAPHY TEST	weld & welded Test Specimens - Ferrous materials & Alloy products	Macro Examination	AWS D1.6
503	MECHANICAL-METALLOGRAPHY TEST	weld & welded Test Specimens - Ferrous materials & Alloy products	Macro Examination	IS 7307 Part 1