National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : BMT INSTRUMENTATION & LABORATORIES, UNIT NO. 10 & 20, EXTENSION 1, BLDG. 1, RAJPRABHA UDYOG NAGAR, GOLANI NAKA, WALIV, VASAI EAST, VASAI, THANE, MAHARASHTRA, 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- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated iron & Steel Products	Mass of Zinc Coating	ASTM A90/A90M
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Coated Iron & Steel Products	Mass Of Zinc Coating	IS 6745
3	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
4	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
5	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
6	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 9879
7	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
8	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
9	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Silicon	ASTM E1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminium Alloys	Zirconium	ASTM E1251
11	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Chromium	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Copper	ASTM E1251
13	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Gallium	ASTM E1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Iron	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Lead	ASTM E1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Magnesium	ASTM E1251
17	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Manganese	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
18	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Nickel	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Tin	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Titanium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Vanadium	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & Aluminum Alloys	Zinc	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	ASTM E415
24	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	IS 8811
25	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	JIS G1253
26	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	ASTM E415
27	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	IS 8811
28	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	JIS G1253
29	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	ASTM E415
30	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	IS 8811
31	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	JIS G1253
32	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	ASTM E415
33	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	IS 8811
34	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	JIS G1253
35	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	ASTM E415
36	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	IS 8811

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37	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	JIS G1253
38	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Lead	JIS G1253
39	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	ASTM E415
40	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	IS 8811
41	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	JIS G1253
42	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	ASTM E415
43	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	IS 8811
44	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	JIS G1253
45	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	ASTM E415
46	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	JIS G1253
48	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	ASTM E415
49	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	JIS G1253
51	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	ASTM E415
52	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	IS 228 Part 23
53	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nitrogen	JIS G1253
54	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	IS 8811
55	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	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
56	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorus	ASTM E415
57	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	IS 8811
59	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	JIS G1253
60	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulfur	ASTM E415
61	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	IS 8811
62	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	JIS G1253
63	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	IS 8811
65	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tin	JIS G1253
66	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	ASTM E415
67	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	IS 8811
68	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Titanium	JIS G1253
69	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	ASTM E415
70	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	IS 8811
71	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	JIS G1253
72	CHEMICAL- METALS & ALLOYS	Copper & Copper Alloys	Magnesium	BS EN 15079
73	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Aluminium	BS EN 15079
74	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Antimony	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
75	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Arsenic	BS EN 15079
76	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Bismuth	BS EN 15079
77	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Iron	BS EN 15079
78	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Lead	BS EN 15079
79	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Manganese	BS EN 15079
80	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Nickel	BS EN 15079
81	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Phosporous	BS EN 15079
82	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Silicon	BS EN 15079
83	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Sulphur	BS EN 15079
84	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Tin	BS EN 15079
85	CHEMICAL- METALS & ALLOYS	Copper And Copper Alloys	Zinc	BS EN 15079
86	CHEMICAL- METALS & ALLOYS	High Manganese Stainless Steel	Manganese	ASTM E2209
87	CHEMICAL- METALS & ALLOYS	High Manganese Stainless Steel	Molybdenum	ASTM E2209
88	CHEMICAL- METALS & ALLOYS	High Manganese Stainless Steel	Nickel	ASTM E2209
89	CHEMICAL- METALS & ALLOYS	High Manganese Stainless Steel	Phosporous	ASTM E2209
90	CHEMICAL- METALS & ALLOYS	High Manganese Stainless Steel	Silicon	ASTM E2209
91	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Aluminium	ASTM E3047
92	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Boron	ASTM E3047
93	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Carbon	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
94	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Chromium	ASTM E3047
95	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Cobalt	ASTM E3047
96	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Copper	ASTM E3047
97	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Iron	ASTM E3047
98	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Magnesium	ASTM E3047
99	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Manganese	ASTM E3047
100	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Molybdenum	ASTM E3047
101	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Niobium	ASTM E3047
102	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Phosporous	ASTM E3047
103	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Silicon	ASTM E3047
104	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Sulphur	ASTM E3047
105	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Titanium	ASTM E3047
106	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Tungstun	ASTM E3047
107	CHEMICAL- METALS & ALLOYS	Nickel and Nickel Alloys	Vanadium	ASTM E3047
108	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	IS 9879
109	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G1253
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	IS 9879
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G1253
112	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879

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113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
114	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	JIS G1253
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G1253
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
120	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
126	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	IS 9879
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
128	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 Part 23
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	JIS G1253
130	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	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
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosporous	IS 9879
133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
135	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G1253
136	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
137	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
138	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
139	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	IS 9879
140	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
141	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879
142	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G1253
143	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
144	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
145	CHEMICAL- METALS & ALLOYS	Tool Steel	Carbon	JIS G1253
146	CHEMICAL- METALS & ALLOYS	Tool Steel	Chromium	JIS G1253
147	CHEMICAL- METALS & ALLOYS	Tool Steel	Cobalt	JIS G1253
148	CHEMICAL- METALS & ALLOYS	Tool Steel	Manganese	JIS G1253
149	CHEMICAL- METALS & ALLOYS	Tool Steel	Molybdenum	JIS G1253
150	CHEMICAL- METALS & ALLOYS	Tool Steel	Nickel	JIS G1253

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151	CHEMICAL- METALS & ALLOYS	Tool Steel	phosphorus	JIS G1253
152	CHEMICAL- METALS & ALLOYS	Tool Steel	Silicon	JIS G1253
153	CHEMICAL- METALS & ALLOYS	Tool Steel	Tungsten	JIS G1253
154	CHEMICAL- METALS & ALLOYS	Tool Steel	Vanadium	JIS G1253
155	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	% Elongation	ASTM B557/B557M
156	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	% Reduction In Area	ASTM B557/B557M
157	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	0.2 % Proof Stress	ASTM B557/B557M
158	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Ultimate Tensile Stress	ASTM B557/B557M
159	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Yield Stress	ASTM B557/B557M
160	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
161	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	BS EN ISO 6892-1
162	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	IS 1608 Part 1
163	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Elongation	ISO 6892-1
164	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	ISO 6892-1
165	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	ASTM E8/E8M

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166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction In Area	BS EN ISO 6892-1
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	% Reduction in Area	IS 1608 Part 1
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ASTM E8/E8M
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	BS EN ISO 6892-1
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	IS 1608 Part 1
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ISO 6892-1
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ASTM E290
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	IS 1599
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test	ISO 7438
175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Flaring/Drift Expansion Test	ASTM A450/A450M
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ASTM E92

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180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	IS 1501 Part 1
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ISO 6507-1
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ASTM E18
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ASTM E18
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ASTM E8/E8M
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	BS EN ISO 6892-1
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	IS 1608 Part 1
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ISO 6892-1
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV 30 Scale)	ASTM E92
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ASTM E92

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-6546
Validity	15/11/2022 to 14/11/2024

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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
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV30 Scale)	IS 1501 Part 1
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV30 Scale)	ISO 6507-1
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ASTM E92
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ISO 6507-1
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	BS EN ISO 6892-1
203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 Part 1
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Yield Stress	ISO 6892-1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Axial Tensile Testing of full size Bolt	IS 1367 Part 3
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Axial Tensile Testing of Full Size Bolt	ISO 898-1
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	ASTM F606/F606M

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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
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	IS 1367 Part 3
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Bolt	Proof Load Test on Bolt & Stud	ISO 898-1
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test On Nut	ASTM A962/A962M
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test on Nut	IS 1367 Part 6
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials- Fasteners-Nut	Proof Load Test On Nut	ISO 898-2
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fasteners-Nut	Proof Load Test On Nut	ASTM F606/F606M
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	ASTM E8/E8M
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	BS EN ISO 6892-1
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	IS 1608 Part 1
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Elongation	ISO 6892-1
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	ASTM E8/E8M
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	BS EN ISO 6892-1
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction In Area	IS 1608 Part 1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	% Reduction in Area	ISO 6892-1

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222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ASTM E8/E8M
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	BS EN ISO 6892-1
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	IS 1608 Part 1
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	0.2 % Proof Stress	ISO 6892-1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ASTM E92
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	ISO 6507-1
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ASTM E18
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ASTM E18
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ASTM E8/E8M
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	BS EN ISO 6892-1

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236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	IS 1608 Part 1
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Ultimate Tensile Stress	ISO 6892-1
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ASTM E92
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ASTM E92
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	ASTM E8/E8M
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	BS EN ISO 6892-1
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	IS 1608 Part 1
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Materials, Alloys & Products	Yield Stress	ISO 6892-1
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	ASTM E10

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250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	BS EN ISO 6506-1
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Brinell Hardness Test 2.5 mm/62.5 kgf	IS 1500 Part 1
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Micro Vickers Hardness Test (HV1 Scale)	IS 1501 Part 1
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals, Alloys & Products	Vickers Hardness Test (HV5 Scale)	ISO 6507-1
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Bend Test	BS EN ISO 8491
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flaring/Drift Expansion Test	ASTM A1016/A1016M
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flaring/Drift Expansion Test	IS 2335:2005 RA
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A1016/A1016M
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A450/A450M
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A530/530M
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	ASTM A999/A999M
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	BS EN ISO 8492
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Flattening Test	IS 2328

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264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Pin Test	ASTM B153
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Reverse Flattening Test	ASTM A1016/A1016M
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipes & Tubes	Reverse Flattening Test	ASTM A450/A450M
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	% Elongation	ASTM A370
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	% Reduction in Area	ASTM A370
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	0.2 % Proof stress	ASTM A370
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Bend Test	ASTM A370
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Rockwell Hardness Test (HRBW Scale)	ASTM A370
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Rockwell Hardness Test (HRC Scale)	ASTM A370
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Ultimate Tensile Stress	ASTM A370
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys	Yield Stress	ASTM A370
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Flaring/Drift Expansion Test	ASTM A370
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Flattening Test	ASTM A370
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Pipes & Tubes	Reverse Flattening Test	ASTM A370

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278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ASTM A370
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steels, Stainless steels, and related alloys Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ASTM A370
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	API 1104 Addenda-2
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASME Section IX
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	ASTM E190
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	AWS D1.1/D1.1M
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Bend Test	BS EN ISO 5173:2010 A1
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	ASTM E10
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	BS EN ISO 6506-1
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Brinell Hardness Test 2.5 mm/187.5 kgf	IS 1500 Part 1
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ASTM E18
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	IS 1586 Part 1
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRBW Scale)	ISO 6508-1
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ASTM E18

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292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	IS 1586 Part 1
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Rockwell Hardness Test (HRC Scale)	ISO 6508-1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	API 1104 addenda-2
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	ASME Section IX
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	AWS D1.1/D1.1M
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Ultimate Tensile Stress	IS 2825
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	ASTM E92
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	IS 1501 Part 1
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV10 Scale)	ISO 6507-1
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV5 Scale)	ASTM E92
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV5 Scale)	IS 1501 Part 1
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld & Welded Test Specimens	Vickers Hardness Test (HV5 Scale)	ISO 6507-1