



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

EARTH METALLURGICAL SERVICES PVT. LTD., B-3, PLATINUM SPRINGS, PLOT NO: G-19 TO 24, MIDC TALOJA, NAVI MUMBAI, RAIGAD, MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5329

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Validity

13/01/2024 to 12/01/2026

Last Amended on

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Metallic Coated Metal samples	Adhesion test	ASTM B571
2	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	PHOSPHATE COATED IRON & STEEL PRODUCTS	Mass of Phosphate coating	IS 3618
3	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Mass of Zinc coating	ASTM A90
4	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Mass of Zinc coating	IS 6745
5	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Uniformity of Zinc coating	ASTM A239
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Adhesion test	IS 2629
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Mass of Zinc coating	ISO 1461
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	ZINC COATED IRON & STEEL PRODUCTS	Uniformity of Zinc coating	IS 2633
9	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	JIS G1253
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Iron	EMS/QS/02
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Lead	EMS/QS/02
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Magnesium	EMS/QS/02
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Nickel	EMS/QS/02
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Strontium	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Tin	EMS/QS/02



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16	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Silicon	EMS/QS/02
17	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Bismuth	ASTM E1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Chromium	ASTM E1251
19	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Copper	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Gallium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Gallium	EMS/QS/02
22	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Iron	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Lead	ASTM E1251
24	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Magnesium	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Manganese	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Nickel	ASTM E1251
27	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Silicon	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Tin	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Titanium	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Vanadium	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Zinc	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	ALUMINIUM & ALUMINIUM ALLOYS	Zirconium	ASTM E1251
33	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Lead	JIS G1253
34	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	EMS/QS/01



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35	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	JIS G1253
36	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	JIS G1253
37	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Chromium	JIS G 1253
38	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	JIS G1253
39	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	JIS G1253
40	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	ASTM E415
41	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	IS 8811
42	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Aluminium	JIS G1253
43	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Antimony	ASTM E415
44	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Antimony	JIS G1253
45	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Arsenic	ASTM E415
46	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Arsenic	IS 8811
47	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Arsenic	JIS G1253
48	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Boron	ASTM E415
49	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Boron	IS 8811
50	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Boron	JIS G1253
51	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Calcium	JIS G1253
52	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Carbon	ASTM E415
53	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Carbon	IS 8811



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54	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Carbon	JIS G1253
55	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Chromium	ASTM E415
56	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Chromium	EMS/QS/01
57	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Chromium	IS 8811
58	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Cobalt	ASTM E415
59	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Cobalt	IS 8811
60	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Cobalt	JIS G1253
61	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	ASTM E415
62	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Copper	IS 8811
63	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Manganese	ASTM E415
64	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Manganese	IS 8811
65	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Manganese	JIS G1253
66	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Molybdenum	ASTM E415
67	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Molybdenum	IS 8811
68	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Molybdenum	JIS G1253
69	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	ASTM E415
70	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	IS 8811
71	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nickel	JIS G1253
72	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Niobium	ASTM E415



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73	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Niobium	IS 8811
74	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Niobium	JIS G1253
75	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nitrogen	ASTM E415
76	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nitrogen	IS 228 part 23
77	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Nitrogen	JIS G1253
78	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Oxygen	EMS/QS/01
79	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Phosphorous	ASTM E415
80	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Phosphorous	IS 8811
81	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Phosphorous	JIS G1253
82	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Selenium	JIS G1253
83	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	ASTM E415
84	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Silicon	IS 8811
85	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	ASTM E415
86	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Sulphur	IS 8811
87	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tin	ASTM E415
88	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tin	IS 8811
89	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tin	JIS G1253
90	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Titanium	ASTM E415
91	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Titanium	IS 8811



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92	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Titanium	JIS G1253
93	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Tungsten	JIS G1253
94	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	ASTM E415
95	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Vanadium	IS 8811
96	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Zirconium	ASTM E415
97	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Zirconium	IS 8811
98	CHEMICAL- METALS & ALLOYS	CARBON AND LOW ALLOY STEEL	Zirconium	JIS G1253
99	CHEMICAL- METALS & ALLOYS	CAST IRON	Copper	ASTM E1999
100	CHEMICAL- METALS & ALLOYS	CAST IRON	Sulphur	ASTM E1999
101	CHEMICAL- METALS & ALLOYS	CAST IRON	Antimony	JIS G1253
102	CHEMICAL- METALS & ALLOYS	CAST IRON	Arsenic	JIS G1253
103	CHEMICAL- METALS & ALLOYS	CAST IRON	Boron	JIS G1253
104	CHEMICAL- METALS & ALLOYS	CAST IRON	Carbon	ASTM E1999
105	CHEMICAL- METALS & ALLOYS	CAST IRON	Carbon	JIS G1253
106	CHEMICAL- METALS & ALLOYS	CAST IRON	Chromium	ASTM E1999
107	CHEMICAL- METALS & ALLOYS	CAST IRON	Chromium	JIS G1253
108	CHEMICAL- METALS & ALLOYS	CAST IRON	Cobalt	JIS G1253
109	CHEMICAL- METALS & ALLOYS	CAST IRON	Copper	JIS G1253
110	CHEMICAL- METALS & ALLOYS	CAST IRON	Magnesium	JIS G1253



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111	CHEMICAL- METALS & ALLOYS	CAST IRON	Manganese	ASTM E1999
112	CHEMICAL- METALS & ALLOYS	CAST IRON	Manganese	JIS G1253
113	CHEMICAL- METALS & ALLOYS	CAST IRON	Molybdenum	ASTM E1999
114	CHEMICAL- METALS & ALLOYS	CAST IRON	Molybdenum	JIS G1253
115	CHEMICAL- METALS & ALLOYS	CAST IRON	Nickel	ASTM E1999
116	CHEMICAL- METALS & ALLOYS	CAST IRON	Nickel	JIS G1253
117	CHEMICAL- METALS & ALLOYS	CAST IRON	Phosphorous	ASTM E1999
118	CHEMICAL- METALS & ALLOYS	CAST IRON	Phosphorous	JIS G1253
119	CHEMICAL- METALS & ALLOYS	CAST IRON	Silicon	ASTM E1999
120	CHEMICAL- METALS & ALLOYS	CAST IRON	Silicon	JIS G1253
121	CHEMICAL- METALS & ALLOYS	CAST IRON	Sulphur	JIS G1253
122	CHEMICAL- METALS & ALLOYS	CAST IRON	Tin	ASTM E1999
123	CHEMICAL- METALS & ALLOYS	CAST IRON	Tin	JIS G1253
124	CHEMICAL- METALS & ALLOYS	CAST IRON	Titanium	ASTM E1999
125	CHEMICAL- METALS & ALLOYS	CAST IRON	Titanium	JIS G1253
126	CHEMICAL- METALS & ALLOYS	CAST IRON	Vanadium	ASTM E1999
127	CHEMICAL- METALS & ALLOYS	CAST IRON	Vanadium	JIS G1253
128	CHEMICAL- METALS & ALLOYS	CAST IRON	Zirconium	JIS G1253
129	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Bismuth	BS EN 15079



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130	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Aluminium	BS EN 15079
131	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Antimony	BS EN 15079
132	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Arsenic	BS EN 15079
133	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Cadmium	BS EN 15079
134	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Carbon	BS EN 15079
135	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Chromium	BS EN 15079
136	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Cobalt	BS EN 15079
137	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Iron	BS EN 15079
138	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Lead	BS EN 15079
139	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Magnesium	BS EN 15079
140	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Manganese	BS EN 15079
141	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Nickel	BS EN 15079
142	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Phosphorous	BS EN 15079
143	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Selenium	BS EN 15079
144	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Silicon	BS EN 15079
145	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Silver	BS EN 15079
146	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Sulphur	BS EN 15079
147	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Tellurium	BS EN 15079
148	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Tin	BS EN 15079



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149	CHEMICAL- METALS & ALLOYS	COPPER & COPPER ALLOYS	Zinc	BS EN 15079
150	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Boron	ASTM E3047
151	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Carbon	ASTM E3047
152	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Chromium	ASTM E3047
153	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Molybdenum	EMS/QS/03
154	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Nitrogen	EMS/QS/03
155	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Silicon	ASTM E3047
156	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Silicon	EMS/QS/03
157	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Sulphur	ASTM E3047
158	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Tungsten	EMS/QS/03
159	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Zirconium	ASTM E3047
160	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Aluminium	ASTM E3047
161	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Cobalt	ASTM E3047
162	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Copper	ASTM E3047
163	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Copper	EMS/QS/03
164	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Iron	ASTM E3047
165	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Manganese	ASTM E3047
166	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Molybdenum	ASTM E3047
167	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Niobium	ASTM E3047



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168	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Phosphorous	ASTM E3047
169	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Titanium	ASTM E3047
170	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Tungsten	ASTM E3047
171	CHEMICAL- METALS & ALLOYS	NICKEL & NICKEL ALLOYS	Vanadium	ASTM E3047
172	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Copper	ASTM E1086
173	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Carbon	ASTM E1086
174	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Copper	IS 9879
175	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Molybdenum	ASTM E 1086
176	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Molybdenum	IS 9879
177	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	IS 9879
178	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Niobium	JIS G1253
179	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Sulphur	IS 9879
180	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Titanium	JIS G1253
181	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Tungsten	JIS G1253
182	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	ASTM E1086
183	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	JIS G1253
184	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Aluminium	JIS G1253
185	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Boron	JIS G1253
186	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Carbon	IS 9879



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187	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Carbon	JIS G1253
188	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	ASTM E1086
189	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Chromium	IS 9879
190	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Cobalt	JIS G1253
191	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Copper	JIS G1253
192	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Lead	JIS G1253
193	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Manganese	IS 9879
194	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Molybdenum	JIS G1253
195	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	ASTM E 1086
196	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nickel	JIS G1253
197	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nitrogen	IS 228 part 23
198	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Nitrogen	JIS G1253
199	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Oxygen	EMS/QS/01
200	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Phosphorous	ASTM E 1086
201	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Phosphorous	IS 9879
202	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Phosphorous	JIS G1253
203	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Silicon	ASTM E 1086
204	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Silicon	IS 9879
205	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Silicon	JIS G1253



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206	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Sulphur	ASTM E 1086
207	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Sulphur	JIS G1253
208	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Tantalum	EMS/QS/01
209	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Tin	JIS G1253
210	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	Vanadium	JIS G1253
211	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM B557:15(
212	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM B557:15(
213	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (R A)	ASTM B557:15(
214	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM B557:15(
215	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Aluminium Materials, Alloys & Products	Tensile Test (Yield Stess)	ASTM B557:15(
216	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Plates	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	ASTM A264:12(
217	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA 263
218	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA264
219	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASME SA265



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220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A263:12(
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A264:12(
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ASTM A265:12(
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	AWS B4.0
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Cladded Plates and rods	Shear Test	ISO 14273
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	COPPER & COPPER ALLOYS	Diameter Tesr	ASTM B49
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Duplex Austenitic/Ferritic Stainless Steels	Impact Test (Charpy V-notch)-Method B	ASTM A923
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Flat products	Dimension Test, Thickness	ASTM A480/A480M
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Flat products	Dimension Test, Thickness	EN 10029
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Flat products	Dimension Test, Thickness	IS 1730
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM A370
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM E10
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1



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234	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
235	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1
236	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
237	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Crushing Test	ASTM A370
238	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Crushing Test	IS 3601
239	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Dimension Test, Thickness	ASTM A20/A20M
240	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Dimension Test, Thickness	EN 10058
241	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Yield stress)	BS EN ISO 6892-2
242	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test- 100 to 800Deg C (Yield Stress)	ASTM E21
243	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%E)	ASTM E21
244	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	BS EN ISO 6892-2
245	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	ASTM E21
246	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	BS EN ISO 6892-2
247	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	ASTM E21



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248	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	BS EN ISO 6892-2
249	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°C to -196°C)	ASTM E23
250	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°C to -196°C)	ASTM A370
251	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°C to -196°C)	BS EN ISO 148-1
252	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (Charpy V-notch) (+40°C to -196°C)	IS 1757 Part 1
253	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	ASTM E340
254	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	ASTM E381
255	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	IS 11371
256	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	IS 1586 (Part 1)
257	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM E18
258	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM A370
259	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	BS EN ISO 6508-1
260	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM A370
261	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM E18



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262	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	BS EN ISO 6508-1
263	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	IS 1586: (Part 1)
264	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM E8/8M
265	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM A370
266	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	IBR RULE
267	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	IS 1608 : Part 1
268	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	BS EN ISO 6892-1
269	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM A370
270	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IS 1608 : Part 1
271	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	JIS Z 2241
272	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM E8/8M
273	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	BS EN ISO 6892-1
274	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IBR RULE
275	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM A370



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276	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM E8/8M
277	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	BS EN ISO 6892-1
278	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	IBR RULE
279	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	IS 1608 : Part 1
280	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	IBR RULE
281	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	IS 1608 : Part 1
282	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM A370
283	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM E8/8M
284	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 6892-1
285	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM A370
286	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM E8/8M
287	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	ASTM E92
288	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	BS EN ISO 6507-1
289	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV10	IS 1501:part-1



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290	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	ASTM E92
291	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	BS EN ISO 6507-1
292	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Vickers Hardness HV5	IS 1501:part-1
293	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test ((Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm))	IBR RULE
294	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	ASTM A370
295	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	ASTM E290
296	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	IS 1599
297	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	BS EN ISO 7438
298	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%E)	IS 1608 : Part 2
299	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	IS 1608 : Part 2
300	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	IS 1608 : Part 2



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301	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test- 100 to 800Deg C (Yield Stress)	IS 1608 : Part 2
302	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (IZOD) @ room temperature	BS 131 (Part 1)
303	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Impact Test (IZOD) @ room temperature	IS 1598
304	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	BS EN ISO 17639
305	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Macro Examination	IS 11371
306	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Surface Roughness Ra, Rq	BS EN ISO 21920-3
307	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Surface Roughness Ra, Rq	EN ISO 4287
308	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Surface Roughness R _{pc} , R _t , R _{max} , R _z	ASTM D7127
309	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Surface Roughness R _z , R _t	EN ISO 4287
310	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	JIS Z 2241
311	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (1% Proof Stress)	IS 1608 : Part 1
312	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Proof Stress)	IS 1608 : Part 2
313	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (R A)	JIS Z 2241
314	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	JIS Z 2241



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315	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	JIS Z 2241
316	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Through Thickness Tensile (%RA)	ASTM A370
317	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials, Alloys & Products	Through Thickness Tensile (%RA)	ASTM A770
318	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Structural products	Dimension Test, Thickness	EN 10060
319	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Structural products	Dimension Test, Thickness	IS 1852
320	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & Structural products	Dimension Test, Thickness	IS 808
321	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & TUBULAR products	Dimension Test, Wall Thickness	ASTM A999M
322	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & TUBULAR products	Dimension Test, Wall Thickness	ASTM A530M
323	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & TUBULAR products	Dimension Test, Wall Thickness	ASTM A1016M
324	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Proof Load test	ASTM A193
325	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Proof Load test	IS 1367 (Part 6)
326	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Tensile test under wedge load	IS 1367 (Part 3)
327	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous Materials-Fastners	Tensile test under wedge load	ISO 891-1
328	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Nickel Rich Chromium Bearing Alloys	IGC Method A	ASTM G28



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329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	IS 1608 : Part 1
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	ASTM E10
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Yield Stress)	BS EN ISO 6892-2
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	BS EN ISO 6892-2
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%Elongation)	ASTM E21
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	ASTM E21
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (%RA)	BS EN ISO 6892-2
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test 100 to 800Deg C (Ultimate Tensile Strength)	BS EN ISO 6892-2
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test: 100 to 800 Deg C (Yield Stress)	ASTM E21



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343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Elevated Temperature Tensile Test: 100 to 800 Deg C (Ultimate Tensile Strength)	ASTM E21
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Flaring/ Drift Expansion Test	ASTM B153
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Flattening Test	ASTM B111
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	IS 1586: Part 1
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	ASTM E18
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRBW	BS EN ISO 6508-1
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	ASTM E18
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	IS 1586: Part 1
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Rockwell Hardness HRC	BS EN ISO 6508-1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	BS EN ISO 6892-1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	ASTM E8/8M
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (0.2% Proof Stress)	IS 1608 : Part 1
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	ASTM E8/8M
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	BS EN ISO 6892-1



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357	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Elongation%)	IS 1608 : Part 1
358	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	ASTM E8/8M
359	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	BS EN ISO 6892-1
360	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (R A)	IS 1608 : Part 1
361	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	ASTM E8/8M
362	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 6892-1
363	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Ultimate Tensile strength)	IS 1608 : Part 1
364	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	BS EN ISO 6892-1
365	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Tensile Test (Yield Stress)	ASTM E8/8M
366	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	ASTM E92
367	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	BS EN ISO 6507-1
368	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV10	IS 1501:part-1
369	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	ASTM E92
370	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	BS EN ISO 6507-1



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371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous Materials, Alloys & Products	Vickers Hardness HV5	IS 1501:part-1
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	ASTM A370
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	IBR RULE
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flanging Test	IS 2330
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	API 5L
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	ASTM A370
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	IBR RULE
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	IS 2335
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	IS 2328
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A450/450M
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A1016/1016M
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A370
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	ASTM A999/999M
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flattening Test	BS EN ISO 8492



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385	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	ASTM A370
386	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	BS EN ISO 8491
387	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	IS 2329
388	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	ASTM A1016/1016M
389	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Flaring/ Drift Expansion Test	ISO 8493
390	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	A1016/1016M
391	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	ASTM A999
392	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Pipe and Tubes	Reverse Flattening Test	IS 2328
393	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bars	MASS/Unit Length	IS 1786
394	MECHANICAL- MECHANICAL PROPERTIES OF METALS	TMT Bars	Re-Bend Test (Mandrel Daimeter: 170mm, 214mm, 256mm, 268mm, 320mm, 338mm, 386mm, 400mm, 482mm, 506mm, 580mm, 724mm)	IS 1786
395	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	ANSI AWS D1.1/D1.1M
396	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	API 1104



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397	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	ASME SEC.IX
398	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fillet Weld Fracture Test	AWS B4.0
399	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	IS 3600 (Part 7)
400	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	ANSI AWS D1.1/D1.1M
401	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	API 1104
402	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	ASTM E190
403	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	AWS B4.0
404	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	BS EN ISO 5173
405	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	ASTM A370
406	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	ASTM E10
407	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	BS EN ISO 6506-1
408	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 10mm/3000Kgf.	IS 1500 :Part-1
409	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	ASTM E10
410	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	BS EN ISO 6506-1



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411	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Brinell Hardness 2.5mm/187.5Kgf	IS 1500 :Part-1
412	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	AS 2205.1
413	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	BS EN ISO 9017
414	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	IS 3600-8
415	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	IS 7310-1
416	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	ANSI AWS D1.1/D1.1M
417	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	ASME SEC.IX
418	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Leak Path/ Leg Length	EIL 6.15.0003
419	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	ASME SEC.IX
420	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	BS EN ISO 17639
421	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	IS 3600-8
422	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	ANSI AWS D1.1/D1.1M
423	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	API 1104
424	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Nick Break Test	AWS B4.0



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425	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	ASTM E18
426	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	ASTM A370
427	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	BS EN ISO 6508-1
428	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRBW	IS 1586: Part 1
429	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	ASTM A370
430	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	ASTM E18
431	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	BS EN ISO 6508-1
432	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Rockwell Hardness HRC	IS 1586: Part 1
433	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tear Test	ASME SEC.IX
434	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tear Test	EIL 6.15.0003
435	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile strength)	API 1104
436	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	IS 2825
437	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	ISO 4136
438	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	ASME SEC.IX



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439	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	AWS B4.0
440	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	BS EN ISO 15614-1
441	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	IS 3600 (Part 3)
442	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	ASTM E92
443	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	BS EN ISO 6507-1
444	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	BS EN ISO 9015-1
445	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV10	IS 1501:part-1
446	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	ASTM E92
447	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	BS EN ISO 6507-1
448	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	BS EN ISO 9015-1
449	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Vickers Hardness HV5	IS 1501:part-1
450	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	AWS D1.6
451	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Bend Test(Transverse Root, Face & Side)	IS 7307-1
452	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	IBR RULE 611B



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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
453	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Fracture Test	IS 7307-1
454	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	IS 7307-1
455	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Macro Examination	IS 3600 (Part 9)
456	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	PEEL TEST	ASME SEC.IX
457	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Pullout Test	ASME SEC.IX
458	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	ANSI AWS D1.1/D1.1M
459	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Weld and Welded Test Specimens	Tensile Test (Ultimate Tensile Strength)	IS 7307-1
460	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Oxalic Acid etch Test: Practice A	ASTM A262:15(
461	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Boiling Nitric acid Test: Practice 'C'	ASTM A262:15(
462	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Corrosion test in Nitric acid medium by measurement of loss in mass (Huey test)	BS EN ISO 3651-1
463	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Ferric Sulphate Sulphuric Acid Test: Practice B	ASTM A262:15(
464	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Ferric Sulphate Sulphuric Acid Test: Practice X	ASTM A763:15(
465	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless steels	Practice E (Strauss Test)	ASTM A262:15(
466	MECHANICAL- METALLOGRAPHY TEST	CAST IRON	Microstructure Characterization	ASTM A247
467	MECHANICAL- METALLOGRAPHY TEST	CAST IRON	Microstructure Characterization	ISO 945-1
468	MECHANICAL- METALLOGRAPHY TEST	Duplex Austenitic/Ferritic Stainless Steels	Sodium Hydroxide Etch Test Method A	ASTM A923



National Accreditation Board for Testing and Calibration Laboratories

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Accreditation Standard	ISO/IEC 17025:2017
Certificate Number	TC-5329
Validity	13/01/2024 to 12/01/2026
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469	MECHANICAL-METALLOGRAPHY TEST	Duplex Austenitic/Ferritic Stainless Steels	Ferric Chloride Corrosion Test:Method C	ASTM A923
470	MECHANICAL-METALLOGRAPHY TEST	Duplex Steel	Phase Content by fraction Volume Fraction	ASTM E562
471	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Oxalic Acid etch Test: Practice 'W'	ASTM A763
472	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Copper-Sulphate-16% Sulphuric Acid Test: Practice 'Z'	ASTM A763:15(
473	MECHANICAL-METALLOGRAPHY TEST	Ferritic Stainless Steels	Copper-Sulphate-50% Sulphuric Acid Test: Practice 'Y'	ASTM A763:15(
474	MECHANICAL-METALLOGRAPHY TEST	Ferritic,austenitic and ferritic-austenitic (duplex) stainless steels	Corrosion test in media containing sulfuric acid METHOD A, B and C	BS EN ISO 3651-2
475	MECHANICAL-METALLOGRAPHY TEST	Ferrous and non ferrous coated products	Coating Thickness by Microscopic method	ASTM B487
476	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	ISO 643
477	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	ASTM E112:13(
478	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	IS 4748
479	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	CASE Depth Measurement(Microscopic)	IS 6416
480	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Depth of Decarburisation	ASTM E1077:14(
481	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Depth of Decarburisation	IS 6396
482	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	SEP 1614
483	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	ASM VOL 9
484	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	IS 1865
485	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	IS 7754
486	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Microstructure Characterization	SEP 1520



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487	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating (Method A, D)	ASTM E45
488	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating By comparison	IS 4163
489	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating By comparison-Method :K	DIN-50602
490	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating Method A, B	ISO 4967
491	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Non Metallic Inclusion Rating. Method A,B	SEP 1572
492	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Four Point BENT BEAM STRESS-Corrosion Test Method B	ASTM G39:99(
493	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking & Stress Corrosion Cracking - Method C	NACE TM0177
494	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking (SSC) Stress Corrosion Cracking (SCC) METHOD A,	NACE TM 0177
495	MECHANICAL-METALLOGRAPHY TEST	Ferrous Materials, Alloys & Products	Sulphide Stress Cracking (SSC) Stress Corrosion Cracking (SCC) METHOD B	NACE TM 0177
496	MECHANICAL-METALLOGRAPHY TEST	FerrousMetals & Alloys (Wrought Cast & Welded Stainless Steels)	Chloride Stress Corrosion Cracking Test in boiling MgCl ₂ / CaCl ₂ Solution	ASTM G36 (2018)
497	MECHANICAL-METALLOGRAPHY TEST	Mettalic Coatings	Coating Thickness by Microscopic method	IS 3203
498	MECHANICAL-METALLOGRAPHY TEST	Other Non-Ferrous Materials, Alloys & Products	Average grain Size (By Comparison Method)	ASTM E112:13(
499	MECHANICAL-METALLOGRAPHY TEST	Other Non-Ferrous Materials, Alloys & Products	Microstructure Characterization	ASM VOL 9
500	MECHANICAL-METALLOGRAPHY TEST	Pipeline & Pressure Vessel Steel	Hydrogen-Induced Cracking Test (HIC)	NACE TM 0284
501	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Critical pitting temperature test (Method C)	ASTM G48:11(
502	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferric Chloride pitting test (Method A)	ASTM G48:11(
503	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content	ASTM A799



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504	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content	ASTM A800
505	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content	AWS A4.2
506	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content F%	ASTM A799
507	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content F%	ASTM A800
508	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content F%	AWS A4.2
509	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content F%	EN ISO 8249
510	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Ferrite content	EN ISO 8249
511	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Method A: Pitting Test	ASTM G48:11(
512	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel,Duplex /Nickel Based Alloys	Method B: Crevice Test	ASTM G48:11(