SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL METAL TEST LAB, A/56, 2ND FLOOR, NAND-JYOT INDUSTRIAL ESTATE, K-A ROAD, SAFED-POOL, SAKINAKA, MUMBAI, 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
LOCATION 1-A/56, 2ND FLOOR, NAND-JYOT INDUSTRIAL ESTATE, K-A ROAD, SAFED-POOL, SAKINAKA, MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	CHEMICAL- BUILDING MATERIAL	Admixture	Ash Content	IS 9103
2	CHEMICAL- BUILDING MATERIAL	Admixture	Chloride	IS 6925
3	CHEMICAL- BUILDING MATERIAL	Admixture	Dry Material COntent	IS 9103
4	CHEMICAL- BUILDING MATERIAL	Admixture	pH	IS 9103
5	CHEMICAL- BUILDING MATERIAL	Admixture	Relative Density	IS 9103
6	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Aluminium Oxide (Al2O3)	IS 4032
7	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Calcium Oxide (CaO)	IS 4032
8	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Ferric Oxide (Fe2O3)	IS 4032
9	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Insoluble Residue	IS 4032
10	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Loss on Ignition (LOI)	IS 4032
11	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Magnesium Oxide (MgO)	IS 4032
12	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Silica (SiO2)	IS 4032
13	CHEMICAL- BUILDING MATERIAL	Hydraulic Cement	Sulphuric Anhydride (SO3)	IS 4032
14	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Copper & its Alloy	Mercurous Nitrate Test	IS 2305
15	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Copper & its Alloys	Mercurous Nitrate Test	ASTM B154
16	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Iron and Steel	Adhesion Test : Knife Test	IS 2629

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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
17	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Iron and Steel	Adhesion Test : Pivoted Hammer Test	IS 2629
18	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Iron and Steel	Mass of Zinc Coating	IS 6745
19	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Galvanized Iron and Steel	Uniformity of Coating Test (Preece Test)	IS 2633
20	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
21	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	IS 504 (Part 8)
22	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
23	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	IS 504 (P-3)
24	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
25	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	IS 504 (Part 2)
26	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	IS 504 (Part 2)
27	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	IS 504 (P-1)
29	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251
30	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	IS 504 (P-6)
31	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	IS 504 (Part 5)
33	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
34	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	IS 504 (Part 7)

SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL METAL TEST LAB, A/56, 2ND FLOOR, NAND-JYOT INDUSTRIAL ESTATE, K-A ROAD, SAFED-POOL, SAKINAKA, MUMBAI, MAHARASHTRA, INDIA

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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
35	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
36	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	IS 504 (Part 1)
37	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
38	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	IS 504 (P-9)
39	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
40	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	IS 504 (P-11)
41	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E1251
42	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
43	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	IS 504 (P-4)
44	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	ASTM E1251
45	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Aluminium	IS 8811
46	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Carbon	IS 8811
47	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Chromium	IS 8811
48	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Copper	IS 8811
49	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Manganese	IS 8811
50	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Molybdenum	IS 8811
51	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Nickel	IS 8811
52	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Phosphorous	IS 8811
53	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Silicon	IS 8811

SCOPE OF ACCREDITATION

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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
54	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Sulphur	IS 8811
55	CHEMICAL- METALS & ALLOYS	Carbon & Low Alloy Steel	Vanadium	IS 8811
56	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Aluminium	ASTM E415
57	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon	ASTM E415
58	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Carbon	IS 228 (Part 1)
59	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Chromium	ASTM E415
60	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Chromium	IS 228 (Part 6)
61	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Copper	ASTM E350
62	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Copper	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Manganese	ASTM E415
64	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Manganese	IS 228 (Part-2)
65	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Molybdenum	ASTM E415
66	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Molybdenum	IS 228 (Part-7)
67	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Nickel	ASTM E415
68	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Nickel	IS 228 (Part-5)
69	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Phosphorous	ASTM E415
70	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Phosphorus	IS 228 (Part-3)
71	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Silicon	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Silicon	IS 228 (Part-6)

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Laboratory Name : INDUSTRIAL METAL TEST LAB, A/56, 2ND FLOOR, NAND-JYOT INDUSTRIAL ESTATE, K-A ROAD, SAFED-POOL, SAKINAKA, MUMBAI, MAHARASHTRA, INDIA

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73	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Sulphur	ASTM E415
74	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy steel	Sulphur	IS 228 (Part-9)
75	CHEMICAL- METALS & ALLOYS	Carbon and Low Alloy Steel	Vanadium	ASTM E415
76	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Aluminium	JIS G1253
77	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Boron	JIS G1253
78	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Carbon	JIS G1253
79	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Chromium	JIS G1253
80	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Cobalt	JIS G1253
81	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Copper	JIS G1253
82	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Lead	JIS G1253
83	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Manganese	JIS G1253
84	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Molybdenum	JIS G1253
85	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Nickel	JIS G1253
86	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Niobium	JIS G1253
87	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Phosphorous	JIS G1253
88	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Silicon	JIS G1253
89	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Sulphur	JIS G1253
90	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Tungsten	JIS G1253
91	CHEMICAL- METALS & ALLOYS	Carbon Steel & Low Alloy Steel	Vanadium	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
92	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 12308 (Part 11)
93	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 12308 (Part 10)
94	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS 12308 (Part 5)
95	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 12308 (Part 6)
96	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 12308 (Part 2)
97	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Aluminium	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Antimony	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Arsenic	BS EN 15079
100	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Bismuth	BS EN 15079
101	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Carbon	BS EN 15079
102	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Chromium	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Cobalt	BS EN 15079
104	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Iron	BS EN 15079
105	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Lead	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Magnesium	BS EN 15079
107	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Manganese	BS EN 15079
108	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Nickel	BS EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Niobium	BS EN 15079
110	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Phosphorous	BS EN 15079

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Laboratory Name : INDUSTRIAL METAL TEST LAB, A/56, 2ND FLOOR, NAND-JYOT INDUSTRIAL ESTATE, K-A ROAD, SAFED-POOL, SAKINAKA, MUMBAI, MAHARASHTRA, INDIA

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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
111	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Silicon	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Silver	BS EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Sulphur	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Tin	BS EN 15079
115	CHEMICAL- METALS & ALLOYS	Copper & its Alloy	Zinc	BS EN 15079
116	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	IS 440
117	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 3685
118	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440
119	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	IS 3685
120	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 3685
121	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	IS 3187
122	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 3685
123	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorous	IS 3685
124	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	IS 3685
125	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	IS 3685
126	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Antimony	IS 1409
127	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Antimony	IS 998 Part 1
128	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Cadmium	IS 1409
129	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Copper	IS 1409

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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
130	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Iron	IS 998 Part 2
131	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Tin	IS 1409
132	CHEMICAL- METALS & ALLOYS	Lead and Tin Based Solders	Tin	IS 998 Part 1
133	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
134	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
135	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
136	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
137	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
138	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
139	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
140	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
141	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
142	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
143	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorous	ASTM E3047
144	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
145	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047
146	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E3047
147	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
148	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zirconium	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
149	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	JIS G1253
150	CHEMICAL- METALS & ALLOYS	Stainless Steel	Boron	JIS G1253
151	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E1086
152	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 228 (Part 1)
153	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	IS 9879
154	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	JIS G1253
155	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
156	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E353
157	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 228 (P-6)
158	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
159	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	JIS G1253
160	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	IS 228 (P-21)
161	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	JIS G1253
162	CHEMICAL- METALS & ALLOYS	Stainless Steel	Lead	JIS G1253
163	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E1086
164	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E353
165	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 228 (Part 12)
166	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	IS 9879
167	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	JIS G1253

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168	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E1086
169	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 228 (Part 7)
170	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
171	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	JIS G1253
172	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E1086
173	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 228 (Part 5)
174	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
175	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	JIS G1253
176	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	JIS G1253
177	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 228 (P-19)
178	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
179	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 228 (Part 3)
180	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	JIS G1253
181	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphporous	ASTM E353
182	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phsophorous	IS 9879
183	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
184	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E353
185	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	IS 9879
186	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	JIS G1253

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187	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
188	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 228 (Part 9)
189	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	IS 9879
190	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	JIS G1253
191	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	JIS G1253
192	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	JIS G1253
193	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	JIS G1253
194	CHEMICAL- METALS & ALLOYS	Tool steel	Carbon	JIS G1253
195	CHEMICAL- METALS & ALLOYS	Tool steel	Chromium	JIS G1253
196	CHEMICAL- METALS & ALLOYS	Tool steel	Cobalt	JIS G1253
197	CHEMICAL- METALS & ALLOYS	Tool steel	Manganese	JIS G1253
198	CHEMICAL- METALS & ALLOYS	Tool steel	Molybdenum	JIS G1253
199	CHEMICAL- METALS & ALLOYS	Tool steel	Phosphorous	JIS G1253
200	CHEMICAL- METALS & ALLOYS	Tool steel	Silicon	JIS G1253
201	CHEMICAL- METALS & ALLOYS	Tool steel	Sulphur	JIS G1253
202	CHEMICAL- METALS & ALLOYS	Tool steel	Tungsten	JIS G1253
203	CHEMICAL- METALS & ALLOYS	Tool steel	Vanadium	JIS G1253
204	MECHANICAL- METALLOGRAPHY TEST	Austenitic Stainless Steel	Boiling Nitric for IGC Susceptibility	ASTM A262 (IGC Pr.C)

SCOPE OF ACCREDITATION

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205	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Copper-Copper Suphate+Sulphuric Acid test for IGC Susceptibility	ASTM A262 (IGC Pr.E)
206	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Ferric Sulphate Corrosion Test for IGC	ASTM A262 (IGC Pr.B)
207	MECHANICAL-METALLOGRAPHY TEST	Duplex (Austenitic-Ferritic) Stainless Steel	Detecting Deterimental Intermetallic Phases by Ferric Chloride	ASTM A923 (Method C)
208	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Hydrogen-Induced Cracking	NACE TM0284
209	MECHANICAL-METALLOGRAPHY TEST	Metals & Alloys	Sulphide Stress Cracking(SSC) & Stress Corrosion Cracking(SCC) Four Point Bend Method	NACE TM 0316
210	MECHANICAL-METALLOGRAPHY TEST	Stainless Steels, Duplex Steels & related alloys	Pitting & Crevice Corrosion test.	ASTM G48 Method A,B,C
211	MECHANICAL-METALLOGRAPHY TEST	Wrought, Nickel-Rich, Chromium-Bearing Alloys	Ferric Sulphate-Sulphuric Acid for IGC Susceptibility	ASTM G28 (Method A)

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LOCATION 2 - B/3, NAND-JYOT INDUSTRIAL ESTATE, MUMBAI, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC Blocks)	Dimension - Length	IS 2185 (P-3)
2	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC Blocks)	Dimension - Thickness	IS 2185 (P-3)
3	MECHANICAL- BUILDINGS MATERIALS	Autoclaved Cellular Aerated Concrete Blocks (AAC Blocks)	Dimension - Width	IS 2185 (P-3)
4	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Compressive Strength	IS 3495 (P-1)
5	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Height	IS 1077
6	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Length	IS 1077
7	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Dimension - Width	IS 1077
8	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Efflorescence	IS 3495 (P-3)
9	MECHANICAL- BUILDINGS MATERIALS	Burnt Clay Building Bricks	Water Absorption	IS 3495 (P-2)
10	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Compressive Strength	IS 4031 (P-6)
11	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Final Setting Time	IS 4031 (P-5)
12	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Fineness by Blaines Air Permeability	IS 4031 (P-2)
13	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Initial Setting Time	IS 4031 (P-5)
14	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Normal Consistency	IS 4031 (P-4)
15	MECHANICAL- BUILDINGS MATERIALS	Cement (OPC/PPC/PSC)	Soundness (Le-Chatelier Method)	Is 4031 (P-3)
16	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density - Loose	IS 2386 (P-3)
17	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Bulk Density - Roded	IS 2386 (P-3)
18	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Crushing Value	IS 2386 (P-4)

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19	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Elongation Index	IS 2386 (P-1)
20	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Flakiness Index	IS 2386 (P-1)
21	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Impact Value	IS 2386 (P-4)
22	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Sieve Analysis, (Sieve Sizes 80, 63, 50, 40, 31.5, 25, 20, 16, 12.5, 10, 6.3, 4,75, 3.35 mm)	IS 2386 (P-1)
23	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Specific Gravity	IS 2386 (P-3)
24	MECHANICAL- BUILDINGS MATERIALS	Coarse Aggregates	Water Absorption	IS 2386 (P-3)
25	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density - Loose	IS 2386 (P-3)
26	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Bulk Density - Rodded	IS 2386 (P-3)
27	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Particle Finer than 75 micron	IS 2386 (P-1)
28	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Sieve Analysis, Sieve sizes : 10mm, 4.75mm, 2.36mm, 1.18 mm and 0.600mm, 0.300mm, 0.150mm	IS 2386 (P-1)
29	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Specific Gravity	IS 2386 (P-3)
30	MECHANICAL- BUILDINGS MATERIALS	Fine Aggregates	Water Absorption	IS 2386 (P-3)
31	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube / Cylinder / Core)	Compressive Strength	IS 516 (P-1/Sec 1)
32	MECHANICAL- BUILDINGS MATERIALS	Hardened Concrete (Cube / Cylinder / Core)	Density	IS 516 (P-2/Sec 1)
33	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases	ASTM A923, Method B
34	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners : Nuts	Proof Load	ASTM A194/A194M-20a
35	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Fasteners : Nuts	Proof Load	ISO 898-2

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36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Fasteners : Nuts	Proof Load Test	IS 1367 (Part-6)
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	0.2% Proof Stress	IS 1608 Part 1
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	0.2% Proof Stress	ISO 6892-1
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	1% Proof Strength	ASTM E8/E8M
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	1% Proof Stress	IS 1608 Part 1
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Bend Test	IS 1599
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW 2.5/187.5)	ASTM E10
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW 2.5/187.5)	IS 1500 (Part 1)
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW 2.5/187.5)	ISO 6506-1
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Elongation	ASTM E8/E8M
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Elongation	IS 1608 Part 1
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Elongation	ISO 6892-1
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Impact Test : Charpy 'V' Notch (Ambient to - (minus) 80 degree celcius & - (minus)196 degree celcius)	ASTM E23

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49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Impact Test : Charpy 'V' Notch (Ambient to - (minus) 80 degree celcius & - (minus)196 degree celcius)	IS 1757 (Part 1)
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Impact Test : Charpy 'V' Notch (Ambient to - (minus) 80 degree celcius & - (minus)196 degree celcius)	ISO 148 (Part 1)
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Izod Impact Test	BS 131-1
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Izod Impact Test	IS 1598
53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Reduction Area	ASTM E8/E8M
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Reduction Area	IS 1608 Part -1
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Reduction Area	ISO 6892-1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRBW)	ASTM E18
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRBW)	IS 1586 (Part 1)
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRC)	ASTM E18-18a
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Rockwell Hardness Test (HRC)	IS 1586 (Part 1)
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Tensile Strength	ASTM E8/E8M
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Tensile Strength	IS 1608 Part 1

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62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Tensile Strength	ISO 6892-1
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV/10kgf)	ISO 6507-1
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV/5kgf)	ISO 6507-1
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV10)	ASTM E92
66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV10)	IS 1501 Part 1
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV5)	ASTM E92
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Vickers Hardness Test (HV5)	IS 1501 Part 1
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Yield Stress	ASTM E8/E8M
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Yield Stress	IS 1608 Part 1
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Yield Stress	ISO 6892-1
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non-Ferrous Metals & Alloys	Thickness, by Manual Ultrasonic Pulse-Echo Contact Method	ASTM E797/E797M
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Metal & Alloys	1% Proof Stress	ISO 6892-1
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Metal & Alloys	0.2% Proof Stress	ASTM E8/E8M
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW/2.5mm/31.25kgf)	ASTM E10

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76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW/2.5mm/31.25kgf)	IS 1500 (Part 1)
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires / TMT Bar	Mass per Unit Length	IS 1786
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Steel Bars & Wires / TMT Bar	Rebend Test	IS 1786
79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tube	Flaring / Drift Expansion Test	IS 2335
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tube	Flattening Test	IS 2328
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metalllic Material	Bend Test	ASTM E290
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW/2.5mm/31.25kgf)	ISO 6506-1
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW/2.5mm/62.5kgf)	ASTM E10
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Metals & Alloys	Brinell Hardness Test (HBW/2.5mm/62.5kgf)	ISO 6506-1
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plated Steel Component	Coating Thickness	ASTM E376
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Plated Steel Component	Coating thickness	IS 6012
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate	Through Thickness Tension Testing- Reduction Area	ASTM A770/A770M
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plate	Through Thickness Tension Testing- Tensile Strength	ASTM A770 / A770M
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	0.2% Proof Stress	ASTM A370

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90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Bend Test	ASTM A370
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Crushing Strength	ASTM A370
92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Elongation	ASTM A370
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Reduction Area	ASTM A370
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Tensile Strength	ASTM A370
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Through Thickness Tension Testing- Reduction Area	BS EN 10164
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Through Thickness Tension Testing- Tensile Strength	BS EN 10164
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Products	Yield Stress	ASTM A370
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Sheets & Strips	Erichsen Cupping Test	IS 10175
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Flaring / Drift Expansion Test	ASTM A370
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tube	Flattening Test	ASTM A370
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All Weld - Tensile Strength	AWS D1.1
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Elongation	API 1104:22nd Ed.
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Elongation	ASME Sec.IX

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104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Elongation	ISO 4136
105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Tensile Strength	API 1104:22nd Ed.
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Tensile Strength	ASME Sec.IX
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Tensile Strength	IS 2825
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Yield Stress	API 1104:22nd Ed.
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Yield Stress	ASME Sec.IX
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Yield Stress	IS 2825 : 1969
111	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Yield Stress	ISO 4136
112	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - 0.2% Proof Stress	ASME Section II-C
113	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - 0.2% Proof Stress	AWS D1.1/D1.1M
114	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - 0.2% Proof Stress	BS EN ISO 5178
115	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - 0.2% Proof Stress	IS 1608 Part 1
116	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - 1% Proof Stress	AWS D1.1/D1.1MM
117	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Reduction Area	ASME Section II-C

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118	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Reduction Area	AWS D1.1/D1.1M
119	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Reduction Area	BS EN ISO 5178
120	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Reduction Area	IS 1608 Part 1
121	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Tensile Strength	ASME Section II-C
122	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Tensile Strength	BS EN ISO 5178
123	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld - Tensile Strength	IS 1608 Part 1
124	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld Tensile test - Elongation	ASME Section II-C
125	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld Tensile test - Elongation	AWS D1.1/D1.1M
126	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld Tensile test - Elongation	BS EN ISO 5178
127	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld Tensile test - Elongation	IS 1608 Part 1
128	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	All weld Yield Strength	AWS D1.1/D1.1M
129	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	API 1104:22nd Ed.
130	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	API 5L-46th Edition
131	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	ASME Sec.IX

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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	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	ASTM E190
133	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	AWS D1.1/D1.1M
134	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	BS EN ISO 5173 : 2010 + A1
135	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	IS 2825 : 1969
136	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Bend Test	IS 7310 Part 1
137	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Fracture Test	ASME Sec.IX
138	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & Welded test specimens	Nick Break	API 1104:22nd Ed.
139	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Nick Break	IS 2825
140	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Elongation	IS 2825 : 1969
141	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Tensile Strength	AWS D1.1/D1.1M
142	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welds & welded test specimens	Transverse Weld - Tensile Strength	ISO 4136
143	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wroght and Cast Aluminium and Aluminium - Magnesium Alloy Products	0.2% Proof Stress	ASTM B557
144	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wroght and Cast Aluminium and Aluminium - Magnesium Alloy Products	Elongation	ASTM B557
145	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wroght and Cast Aluminium and Aluminium - Magnesium Alloy Products	Reduction Area	ASTM B557

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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
146	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wroght and Cast Aluminium and Aluminium - Magnesium Alloy Products	Tensile Strength	ASTM B557
147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wroght and Cast Aluminium and Aluminium - Magnesium Alloy Products	Yield Stress	ASTM B557
148	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Oxalic Acid Etch for IGC	ASTM A262 (IGC Pr.A)
149	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Graphite	ASTM A247
150	MECHANICAL-METALLOGRAPHY TEST	Cast Iron	Microstructure of Graphite	IS 7754
151	MECHANICAL-METALLOGRAPHY TEST	Duplex (Austenitic-Ferritic) Stainless Steel	Detecting Deterimental Intermetallic Phases by NaOH etching	ASTM A923 (Method A)
152	MECHANICAL-METALLOGRAPHY TEST	Plated Steel Component	Coating Thickness	ASTM B487
153	MECHANICAL-METALLOGRAPHY TEST	Steel	Average Grain Size	ASTM E112
154	MECHANICAL-METALLOGRAPHY TEST	Steel	Average Grain Size	IS 4748
155	MECHANICAL-METALLOGRAPHY TEST	Steel	Case Depth Measurement by Microscopic Method	IS 6416
156	MECHANICAL-METALLOGRAPHY TEST	Steel	Determination of content of non-metallic inclusions	IS 4163
157	MECHANICAL-METALLOGRAPHY TEST	Steel	Determining the Inclusion Content	ASTM E45 Method - 2018a A and D
158	MECHANICAL-METALLOGRAPHY TEST	Steel	Determining Volume Fraction by Systematic Manual Point Count	ASTM E562
159	MECHANICAL-METALLOGRAPHY TEST	Steel	Estimating the Depth of Decarburization	ASTM E1077
160	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Etch Test	BS EN ISO 17639
161	MECHANICAL-METALLOGRAPHY TEST	Steel	Macro Etch Test	IS 11371
162	MECHANICAL-METALLOGRAPHY TEST	Steel	MEASURING DECARBURIZED DEPTH	IS 6396

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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
163	MECHANICAL-METALLOGRAPHY TEST	Steel and Cast Iron	Microstructure Analysis	ASM Handbook Vol-9