SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, MAHARASHTRA, INDIA

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Validity 03/03/2022 to 02/03/2024 **Last Amended on** 29/03/2022

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- CORROSION TESTS	AUSTENITIC STAINLESS STEEL	Intergranular corrosion	ASTM A 262 [Practice A]
2	CHEMICAL- CORROSION TESTS	AUSTENITIC STAINLESS STEEL	Intergranular corrosion	ASTM A 262 [PRACTICE B]
3	CHEMICAL- CORROSION TESTS	AUSTENITIC STAINLESS STEEL	Intergranular corrosion	ASTM A 262 [PRACTICE C]
4	CHEMICAL- CORROSION TESTS	AUSTENITIC STAINLESS STEEL	Intergranular corrosion	ASTM A 262 [PRACTICE E]
5	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	SALT SPRAY TEST	ASTM B 117
6	CHEMICAL- CORROSION TESTS	Mettalic products and Raw Materials	SALT SPRAY TEST	ISO 9227
7	CHEMICAL- CORROSION TESTS	STAINLESS STEEL , NICKEL BASE AND CHROMIUM BEARING ALLOYS	PITTING CORROSION	ASTM G 48 [Method A]
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	FERROUS	MASS OF ZINC COATING	IS 6745
9	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	CHROMIUM	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	CHROMIUM	IS 11035
11	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	COPPER	ASTM E1251
12	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	COPPER	IS 11035
13	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	COPPER	IS 7658
14	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	IRON	ASTM E1251
15	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	IRON	IS 11035
16	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	IRON	IS 7658
17	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	LEAD	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	LEAD	IS 11035

SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
19	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MAGNESIUM	ASTM E1251
20	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MAGNESIUM	IS 11035
21	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MANGANESE	ASTM E1251
22	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MANGANESE	IS 11035
23	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	MANGANESE	IS 7658
24	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	NICKEL	ASTM E 1251
25	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	SILICON	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	SILICON	IS 11035
27	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	SILICON	IS 7658
28	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	TIN	ASTM E 1251
29	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	TITANIUM	ASTM E 1251
30	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	TITANIUM	IS 11035
31	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	ZINC	ASTM E1251
32	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	ZINC	IS 11035
33	CHEMICAL- METALS & ALLOYS	ALUMINIUM ALLOY	ZINC	IS 7658
34	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	ALUMINIUM	ASTM E 415
35	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	ALUMINIUM	IS 8811
36	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	ALUMINIUM	JIS G 1253
37	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	BORON	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name :	PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
38	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	BORON	IS 8811
39	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	BORON	JIS G 1253
40	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CARBON	ASTM E 415
41	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CARBON	IS 8811
42	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CARBON	JIS G 1253
43	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CHROMIUM	ASTM E 415
44	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CHROMIUM	IS 8811
45	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	CHROMIUM	JIS G 1253
46	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COBALT	ASTM E 415
47	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COBALT	IS 8811
48	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COBALT	JIS G 1253
49	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COPPER	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COPPER	IS 8811
51	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	COPPER	JIS G 1253
52	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	LEAD	JIS G 1253
53	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MANGANESE	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MANGANESE	IS 8811
55	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MANGANESE	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MOLYBDENUM	ASTM E 415

SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
57	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MOLYBDENUM	IS 8811
58	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	MOLYBDENUM	JIS G 1253
59	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NICKEL	ASTM E 415
60	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NICKEL	IS 8811
61	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NICKEL	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NIOBIUM	ASTM E 415
63	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NIOBIUM	IS 8811
64	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NIOBIUM	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NITROGEN	ASTM E 415
66	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	NITROGEN	JIS G 1253
67	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	PHOPHORUS	ASTM E 415
68	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	PHOSPHORUS	IS 8811
69	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	PHOSPHORUS	JIS G 1253
70	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SILICON	ASTM E 415
71	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SILICON	IS 8811
72	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SILICON	JIS G 1253
73	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SULFUR	ASTM E 415
74	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SULFUR	IS 8811
75	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	SULFUR	JIS G 1253

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Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
76	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TIN	ASTM E 415
77	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TIN	IS 8811
78	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TIN	JIS G 1253
79	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TITANIUM	ASTM E 415
80	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TITANIUM	IS 8811
81	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TITANIUM	JIS G 1253
82	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	TUNGSTEN	JIS G 1253
83	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	VANADIUM	ASTM E 415
84	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	VANADIUM	IS 8811
85	CHEMICAL- METALS & ALLOYS	CARBON & LOW ALLOY STEEL	VANADIUM	JIS G 1253
86	CHEMICAL- METALS & ALLOYS	CAST IRON	ALUMINIUM	IS 15338
87	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	ASTM E 1999
88	CHEMICAL- METALS & ALLOYS	CAST IRON	CARBON	IS 15338
89	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	ASTM E 1999
90	CHEMICAL- METALS & ALLOYS	CAST IRON	CHROMIUM	IS 15338
91	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	ASTM E 1999
92	CHEMICAL- METALS & ALLOYS	CAST IRON	COPPER	IS 15338
93	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	ASTM E 1999
94	CHEMICAL- METALS & ALLOYS	CAST IRON	MANGANESE	IS 15338

SCOPE OF ACCREDITATION

Laboratory Name :	PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
95	CHEMICAL- METALS & ALLOYS	CAST IRON	MOLYBDENUM	ASTM E 1999
96	CHEMICAL- METALS & ALLOYS	CAST IRON	MOLYBDENUM	IS 15338
97	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	ASTM E 1999
98	CHEMICAL- METALS & ALLOYS	CAST IRON	NICKEL	IS 15338
99	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	ASTM E 1999
100	CHEMICAL- METALS & ALLOYS	CAST IRON	PHOSPHORUS	IS 15338
101	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	ASTM E 1999
102	CHEMICAL- METALS & ALLOYS	CAST IRON	SILICON	IS 15338
103	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	ASTM E 1999
104	CHEMICAL- METALS & ALLOYS	CAST IRON	SULFUR	IS 15338
105	CHEMICAL- METALS & ALLOYS	CAST IRON	TITANIUM	ASTM E 1999
106	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	ASTM E 1999
107	CHEMICAL- METALS & ALLOYS	CAST IRON	VANADIUM	IS 15338
108	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ALUMINIUM	BSEN 15079
109	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ANTIMONY	BSEN 15079
110	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ARSENIC	BSEN 15079
111	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	BISMUTH	BSEN 15079
112	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	CHROMIUM	BSEN 15079
113	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	COBALT	BSEN 15079

SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
114	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	IRON	BSEN 15079
115	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	LEAD	BSEN 15079
116	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	MAGNESIUM	BSEN 15079
117	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	MANGANESE	BSEN 15079
118	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	NICKEL	BSEN 15079
119	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	PHOSPHORUS	BSEN 15079
120	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	SILICON	BSEN 15079
121	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	SILVER	BSEN 15079
122	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	SULFUR	BSEN 15079
123	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	TIN	BSEN 15079
124	CHEMICAL- METALS & ALLOYS	COPPER ALLOY	ZINC	BSEN 15079
125	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	ALUMINIUM	ASTM E 2209
126	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	ALUMINIUM	JIS G 1253
127	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	CARBON	ASTM E 2209
128	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	CARBON	JIS G 1253
129	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	CHROMIUM	ASTM E 2209
130	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	CHROMIUM	JIS G 1253
131	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	MANGANESE	ASTM E 2209
132	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	MANGANESE	JIS G 1253

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Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
133	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	MOLYBDEENUM	ASTM E 2209
134	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	MOLYBDENUM	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	NICKEL	ASTM E 2209
136	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	NICKEL	JIS G 1253
137	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	PHOSPHORUS	ASTM E 2209
138	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	PHOSPHORUS	JIS G 1253
139	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	SILICON	ASTM E 2209
140	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	SILICON	JIS G 1253
141	CHEMICAL- METALS & ALLOYS	HIGH MANGANESE STEEL	SULFUR	JIS G 1253
142	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	ALUMINIUM	ASTM E 3047
143	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	CARBON	ASTM E 3047
144	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	CHROMIUM	ASTM E 3047
145	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	COBALT	ASTM E 3047
146	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	COPPER	ASTM E 3047
147	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	IRON	ASTM E 3047
148	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	MANGANESE	ASTM E 3047
149	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	MOLYBDENUM	ASTM E 3047
150	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	NIOBIUM	ASTM E 3047
151	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	PHOSPHORUS	ASTM E 3047

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152	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	SILICON	ASTM E 3047
153	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	SULFUR	ASTM E 3047
154	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	TITANIUM	ASTM E 3047
155	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	TUNGSTEN	ASTM E 3047
156	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	VANADIUM	ASTM E 3047
157	CHEMICAL- METALS & ALLOYS	NICKEL ALLOY	ZIRCONIUM	ASTM E 3047
158	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	ALUMINIUM	JIS G 1253
159	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	ARSENIC	JIS G 1253
160	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	BORON	JIS G 1253
161	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	ASTM E-1086
162	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	IS 9879
163	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CARBON	JIS G 1253
164	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	ASTM E 1086
165	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	IS 9879
166	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	CHROMIUM	JIS G 1253
167	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COBALT	JIS G 1253
168	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	ASTM E 1086
169	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	IS 9879
170	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	COPPER	JIS G 1253

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
171	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	ASTM E 1086
172	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	IS 9879
173	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MANGANESE	JIS G 1253
174	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	ASTM E 1086
175	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	IS 9879
176	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	MOLYBDENUM	JIS G 1253
177	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	ASTM E 1086
178	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	IS 9879
179	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NICKEL	JIS G 1253
180	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NIOBIUM	JIS G 1253
181	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	NITROGEN	JIS G 1253
182	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	ASTM E 1086
183	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	IS 9879
184	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	PHOSPHORUS	JIS G 1253
185	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	ASTM E 1086
186	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	IS 9879
187	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SILICON	JIS G 1253
188	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULPHUR	ASTM E 1086
189	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULPHUR	IS 9879

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190	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	SULPHUR	JIS G 1253
191	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TIN	JIS G 1253
192	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TITANIUM	JIS G 1253
193	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	TUNGSTEN	JIS G 1253
194	CHEMICAL- METALS & ALLOYS	STAINLESS STEEL	VANADIUM	JIS G 1253
195	CHEMICAL- METALS & ALLOYS	TOOL STEEL	CARBON	JIS G 1253
196	CHEMICAL- METALS & ALLOYS	TOOL STEEL	CHROMIUM	JIS G 1253
197	CHEMICAL- METALS & ALLOYS	TOOL STEEL	COBALT	JIS G 1253
198	CHEMICAL- METALS & ALLOYS	TOOL STEEL	MANGANESE	JIS G 1253
199	CHEMICAL- METALS & ALLOYS	TOOL STEEL	MOLYBDENUM	JIS G 1253
200	CHEMICAL- METALS & ALLOYS	TOOL STEEL	PHOSPHORUS	JIS G 1253
201	CHEMICAL- METALS & ALLOYS	TOOL STEEL	SILICON	JIS G 1253
202	CHEMICAL- METALS & ALLOYS	TOOL STEEL	SULFUR	JIS G 1253
203	CHEMICAL- METALS & ALLOYS	TOOL STEEL	TUNGSTEN	JIS G 1253
204	CHEMICAL- METALS & ALLOYS	TOOL STEEL	VANADIUM	JIS G 1253
205	MECHANICAL- MECHANICAL PROPERTIES OF METALS	FERROUS	0.2 % PROOF STRESS	ASME Section IX
206	MECHANICAL- MECHANICAL PROPERTIES OF METALS	FERROUS	0.2 % PROOF STRESS	ASTM A 370
207	MECHANICAL- MECHANICAL PROPERTIES OF METALS	FERROUS	0.2 % PROOF STRESS	ASTM E8/E8M

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208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	0.2 % PROOF STRESS	IS 1608 PART-1
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	0.2 % PROOF STRESS	ISO 6892 PART-1
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	0.2% PROOF STRESS	ISO 4136
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	0.2% PROOF STRESS	ISO 5178
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ASME Section IX
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ASTM A 370
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ASTM E 290
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	IS 1599
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ISO 5173 -1
217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ISO 7438
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ASTM A 370
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ASTM A 370

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220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ASTM E10
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ASTM E10
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	IS 1500 PART-1
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	IS 1500 PART-1
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ISO 6506 PART-1
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	BRINELL HARDNESS	ISO 6506 PART-1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	CRUCIFORM & LAPPED JOINT TENSILE STRENGTH	ISO 9018
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	CRUCIFORM TENSILE STRENGTH	IS 3600 PART-1
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	CRUSHING TEST	ASTM A 370
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	CRUSHING TEST	IS 3601
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ASME Section IX
231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ASTM A 370
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ASTM E8/E8M
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	IS 1608 PART-1

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234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ISO 4136
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ISO 5178
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ELONGATION	ISO 6892 PART-1
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLARING / DRIFT EXPANSION	ASTM A 370
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLARING / DRIFT EXPANSION	IS 2335
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLARING / DRIFT EXPANSION	ISO 8493
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLATTENING / SOUNDNESS	ISO 8492
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLATTENING / SOUNDNESS TEST	ASTM A 370
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLATTENING / SOUNDNESS TEST	ASTM A 530
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FLATTENING / SOUNDNESS TEST	IS 2328
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FRACTURE TEST	ASME SECTION IX
245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FRACTURE TEST	IS 3600 PART-8
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	FRACTURE TEST	ISO 9017
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ASTM A 370

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248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ASTM E 23
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	IS 1757- PART-1
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ISO 9016
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ISO 148 PART-1
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	JOMINY END QUENCH HARDEN ABILITY TEST	IS 3848
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ASTM E 384
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ASTM E 384
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ASTM E 384
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ASTM E-92
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	IS 1501 PART-1
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	IS 1501 PART-1
259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ISO 6507 PART-1
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	MICROVICKERS HARDNESS	ISO 6507 PART-1
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	PEEL TEST	ASME Section IX

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262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ASME Section IX
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ASTM A 370
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ASTM E/E8M
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	IS 1608 PART-1
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ISO 4136
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ISO 5178
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	REDUCTION AREA	ISO 6892 PART-1
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ISO 6508-1
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18
273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ASTM E 18

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276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ISO 6508 PART-1
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	ROCKWELL HARDNESS	ISO 6508-1
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	SHEAR LOAD TEST	ASME Section IX
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ASME Section IX
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ASTM A 370
287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ASTM E8/E8M
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	IS 1608 PART-1
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ISO 4136

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290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ISO 5178
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	TENSILE STRENGTH	ISO 6892 PART-1
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS & MICROVICKERS HARDNESS	ASTM E-92
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS & MICROVICKERS HARDNESS	IS 1501 PART-1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS & MICROVICKERS HARDNESS	ISO 6507 PART-1
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS & MICROVICKERS HARDNESS	ISO 9015-1
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ASTM E-92
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ASTM E-92
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ASTM E-92
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	IS 1501 PART-1
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	IS 1501 PART-1
301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	IS 1501 PART-1
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 6507 PART-1
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 6507 PART-1

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304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 6507 PART-1
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 9015-1
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 9015-1
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	VICKERS HARDNESS	ISO 9015-1
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ASME Section IX
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ASTM A 370
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ASTM E8/E8M
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	IS 1608 PART-1
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ISO 4136
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ISO 5178
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	FERROUS	YIELD STRENGTH	ISO 6892 PART-1
315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	0.2 % PROOF STRESS	ASTM B 557
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	0.2 % PROOF STRESS	ISO 6892 PART-1
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	0.2% PROOF STRESS	ISO 4136

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318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	0.2% PROOF STRESS	ISO 5178
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ASTM E 190
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ASTM E 290
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ISO 5173 -1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BEND TEST (Mandrel diameter-6,8,10,12,16,20,24,30,32,44,45,50,53,60,77,84,110,125mm)	ISO 7438
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	ASTM E 10
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	ASTM E 10
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	IS 1500 PART-1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	IS 1500 PART-1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	ISO 6506 PART-1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	BRINELL HARDNESS	ISO 6506 PART-1
329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ELONGATION	ASTM B 557

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330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ELONGATION	ISO 4136
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ELONGATION	ISO 5178
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ELONGATION	ISO 6892 PART-1
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	FLATTING / SOUNDNESS	IS 2328
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	FLATTING / SOUNDNESS	ISO 8492
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	FRACTURE TEST	ASME Section IX
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	FRACTURE TEST	ISO 9017
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ASTM E 23
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ISO 9016
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	IMPACT TEST CHARPY V-NOTCH (Room Temp. to -110°C & -196°C)	ISO 148 PART-1
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	ASTM E 384
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	ASTM E 384
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	ASTM E 384
343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	IS 1501 PART-1

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344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	IS 1501 PART-1
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	ISO 6507 Part-1
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	MICROVICKERS HARDNESS	ISO 6507 Part-1
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	PEEL TEST	ASME Section IX
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	REDUCTION AREA	ASTM B 557
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	REDUCTION AREA	ISO 4136
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	REDUCTION AREA	ISO 5178
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	REDUCTION AREA	ISO 6892 PART-1
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	ASTM E 18
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	ASTM E 18
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	IS 1586 PART-1
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	ISO 6508 PART-1
357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	ROCKWELL HARDNESS	ISO 6508 PART-1

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
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	SHEAR LOAD TEST	ASME Section IX
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	TENSILE STRENGTH	ASTM B 557
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	TENSILE STRENGTH	ISO 4136
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	TENSILE STRENGTH	ISO 5178
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	TENSILE STRENGTH	ISO 6892 PART-1
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS & MICROVICKERS HARDNESS	ISO 6507 Part-1
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS & MICROVICKERS HARDNESS	ASTM E 92
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS & MICROVICKERS HARDNESS	ISO 9015-1
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ASTM E 92
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ASTM E 92
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ASTM E 92
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	IS 1501 PART-1
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	IS 1501 PART-1
371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	IS 1501 PART-1

SCOPE OF ACCREDITATION

Laboratory Name : PHOENIX TESTING & CONSULTANCY SERVICES, C-6, T-204, PAVANA INDUSTRIAL CO-OPERATIVE SOCIETY,BHOSARI, PUNE, 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
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	IS 1501 PART-1
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 6507 Part-1
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 6507 Part-1
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 6507 Part-1
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 9015-1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 9015-1
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	VICKERS HARDNESS	ISO 9015-1
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	YIELD STRENGTH	ASTM B 557
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	YIELD STRENGTH	ISO 4136
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	YIELD STRENGTH	ISO 5178
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	NON-FERROUS	YIELD STRENGTH	ISO 6892 PART-1
383	MECHANICAL-METALLOGRAPHY TEST	CAST IRON [WHITE, GREY, MALLEABLE, DUCTILE, SG]	GRAPHITE TYPE, DISTRIBUTION, SIZE, NODULARITY AND NODULE COUNT	ASTM 247
384	MECHANICAL-METALLOGRAPHY TEST	CAST IRON [WHITE, GREY, MALLEABLE, DUCTILE, SG]	GRAPHITE TYPE, DISTRIBUTION, SIZE, NODULARITY AND NODULE COUNT	IS 7754

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385	MECHANICAL-METALLOGRAPHY TEST	CAST IRON [WHITE, GREY, MALLEABLE, DUCTILE, SG]	GRAPHITE TYPE, DISTRIBUTION, SIZE, NODULARITY AND NODULE COUNT	ISO 945-1
386	MECHANICAL-METALLOGRAPHY TEST	FERROUS	COATING THICKNESS [ELCOMETER METHOD]	IS 3203
387	MECHANICAL-METALLOGRAPHY TEST	FERROUS	COATING THICKNESS [MICROSCOPIC METHOD]	IS 3203
388	MECHANICAL-METALLOGRAPHY TEST	FERROUS	FUSION-WELDED JOINTS IN STEEL, NICKEL, TITANIUM AND THEIR ALLOYS-QUALITY LEVELS FOR IMPERFECTIONS	ISO 5817
389	MECHANICAL-METALLOGRAPHY TEST	FERROUS	GRAIN SIZE	ASTM E 112
390	MECHANICAL-METALLOGRAPHY TEST	FERROUS	GRAIN SIZE	ISO 643
391	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MACRO & MICROSCOPIC EXAMINATION	IS 3600 PART-9
392	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MACRO & MICROSCOPIC EXAMINATION	ISO 17639
393	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MACROSTRUCTURE ANALYSIS	ASTM E 340
394	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MACROSTRUCTURE ANALYSIS	ASTM E 381
395	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MICROSTRUCTURE ANALYSIS	ASM HANDBOOK VOL 9
396	MECHANICAL-METALLOGRAPHY TEST	FERROUS	MICROSTRUCTURE ANALYSIS	IS 7739
397	MECHANICAL-METALLOGRAPHY TEST	FERROUS	NON-METALLIC INCLUSION RATING	ASTM E 45 [METHOD A]
398	MECHANICAL-METALLOGRAPHY TEST	FERROUS	NON-METALLIC INCLUSION RATING	IS 4163
399	MECHANICAL-METALLOGRAPHY TEST	FERROUS	NON-METALLIC INCLUSION RATING	ISO 4967
400	MECHANICAL-METALLOGRAPHY TEST	NON-FERROUS	COATING THICKNESS [ELCOMETER METHOD]	IS 3203
401	MECHANICAL-METALLOGRAPHY TEST	NON-FERROUS	COATING THICKNESS [MICROSCOPIC METHOD]	IS 3203

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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
402	MECHANICAL-METALLOGRAPHY TEST	NON-FERROUS	MACRO & MICROSCOPIC EXAMINATION	IS 3600 (Part-9)
403	MECHANICAL-METALLOGRAPHY TEST	NON-FERROUS	MACRO & MICROSCOPIC EXAMINATION	ISO 17639
404	MECHANICAL-METALLOGRAPHY TEST	STEEL	DETERMINATION OF DEPTH OF DECARBURIZATION	IS 6396
405	MECHANICAL-METALLOGRAPHY TEST	STEEL	MEASUREMENT OF CASE DEPTH	IS 6416
406	MECHANICAL-METALLOGRAPHY TEST	STEEL	MEASUREMENT OF CASE DEPTH	ISO 2639