National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : SUBODH TECHNOLOGISTS, R 968, MIDC RABALE, DISTRICT-THANE, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 05/02/2022 to 04/02/2024 **Last Amended on** -

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	Metals & Alloys	Salt Spray test	ASTM B117
2	CHEMICAL- CORROSION TESTS	Metals & Alloys	Salt Spray test	ISO 9227
3	CHEMICAL- CORROSION TESTS	Metals & Alloys, Coated Products	Moist SO2 Corrosion test	DIN 50018
4	CHEMICAL- CORROSION TESTS	Metals & Alloys, Coated Products	Moist SO2 Corrosion test	ISO 22479
5	CHEMICAL- CORROSION TESTS	Metals & Alloys, Coated Products	Moist SO2 Corrosion test (Method A,B)	ASTM G87-02
6	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Coper & Copper alloys	Mercurous Nitrate Test	ASTM B154
7	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Copper & Copper Alloys	Mercurous Nitrate Test	IS 2305
8	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Plated steel articles	Mass of Zinc Coating	AS 2331:2:1 Method A
9	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Plated Steel articles	Adhesion Test	ASTM A90
10	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Plated Steel articles	Adhesion Test	IS 2629(1985)
11	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Plated Steel articles	Mass of Zinc Coating	IS 6745(1972)
12	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc Plated steel articles	Mass of Zinc Coating	ISO 1461
13	CHEMICAL- METALLIC COATINGS & TREATMENT SOLUTIONS	Zinc plated steel articles	Uniformity of Coating	IS 2633(1986)
14	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Chromium	ASTM E1476-04
15	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Cobalt	ASTM E1476-04

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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
16	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Copper	ASTM E1476-04
17	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Manganese	ASTM E1476-04
18	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Molybdenum	ASTM E1476-04
19	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Nickel	ASTM E1476-04
20	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Niobium	ASTM E1476-04
21	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Titanium	ASTM E1476-04
22	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Tungsten	ASTM E1476-04
23	CHEMICAL- METALS & ALLOYS	Alloy steels,Stainless steels,Nickel base Alloys	Vanadium	ASTM E1476-04
24	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cadmium	ASTM E3061
25	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E3061
27	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cobalt	ASTM E3061
28	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E1251
29	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E3061
30	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E1251
31	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E3061
32	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E1251
33	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E3061
34	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E1251

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
35	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E3061
36	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E1251
37	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E3061
38	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Molybdenum	ASTM E3061
39	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E1251
40	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E3061
41	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E1251
42	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E1251
43	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E3061
44	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E1251
45	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E3061
46	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Vanadium	ASTM E1251
47	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E3061
48	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E1251
49	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E3061
50	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zirconium	ASTM E3061
51	CHEMICAL- METALS & ALLOYS	Aluminium & its Alloys	Zirconum	ASTM E1251
52	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Aluminium	IS 8811(1998)
53	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Boron	IS 8811(1998)

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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 and Alloy Steels	Calcium	ASTM E415
55	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Carbon	IS 8811(1998)
56	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Chromium	IS 8811(1998)
57	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Copper	IS 8811(1998)
58	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Manganese	IS 8811(1998)
59	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Molybdenum	IS 8811(1998)
60	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Nickel	IS 8811(1998)
61	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Niobium	IS 8811(1998)
62	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Nitrogen	ASTM E415
63	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Phosphorus	IS 8811(1998)
64	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Silicon	IS 8811(1998)
65	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Sulphur	IS 8811(1998)
66	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Titanium	IS 8811(1998)
67	CHEMICAL- METALS & ALLOYS	Carbon and Alloy Steels	Vanadium	IS 8811(1998)
68	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Aluminium	ASTM E415
69	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Arsenic	ASTM E415
70	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Boron	ASTM E415
71	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Carbon	ASTM E415
72	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Chromium	ASTM E415

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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
73	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Copper	ASTM E415
74	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Manganese	ASTM E415
75	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Molybdenum	ASTM E415
76	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Nickel	ASTM E415
77	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Niobium	ASTM E415
78	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Nitrogen	IS228:Part 23(2003)
79	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Phosphorus	ASTM E415
80	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Silicon	ASTM E415
81	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Sulphur	ASTM E415
82	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Tin	ASTM E415
83	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Titanium	ASTM E415
84	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Vanadium	ASTM E415
85	CHEMICAL- METALS & ALLOYS	Carbon Steel(Low ,Medium and High Carbon Steel)	Zirconium	ASTM E415
86	CHEMICAL- METALS & ALLOYS	Copper & its alloy	Berrylium	BS EN 15079
87	CHEMICAL- METALS & ALLOYS	Copper & its alloy	Zinc	IS 4027:Part6(1987)
88	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Antimony	BS EN 15079
89	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Arsenic	BS EN 15079
90	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Bismuth	BS EN 15079
91	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cadmium	BS EN 15079

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
92	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Chromium	BS EN 15079
93	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Cobalt	BS EN 15079
94	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	ASTM E53-07
95	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 3685(1966)
96	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 3685(1966)
97	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Sulphur	BS EN 15079
98	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zirconium	BS EN 15079
99	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Aluminium	BS EN 15079
100	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Copper	IS 440(1964)
101	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Iron	BS EN 15079
102	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	BS EN 15079
103	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Lead	IS 4027:Part1(1987)
104	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Manganese	BS EN 15079
105	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	BS EN 15079
106	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Nickel	IS 440(1964)
107	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Oxygen	ASTM E2575
108	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	BS EN 15079
109	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Phosphorus	IS 440(1964)
110	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silicon	BS EN 15079

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111	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Silver	BS EN 15079
112	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Tin	BS EN 15079
113	CHEMICAL- METALS & ALLOYS	Copper & its alloys	Zinc	BS EN 15079
114	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Antimony	ST/SOP/C/48 Issue no.1,Date:10/12/2020
115	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Arsenic	ST/SOP/C/48 Issue no.1,Date:10/12/2020
116	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Calcium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
117	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Chromium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
118	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Copper	ST/SOP/C/48 Issue no.1,Date:10/12/2020
119	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Manganese	ST/SOP/C/48 Issue no.1,Date:10/12/2020
120	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Molybdenum	ST/SOP/C/48 Issue no.1,Date:10/12/2020
121	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Nickel	ST/SOP/C/48 Issue no.1,Date:10/12/2020
122	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Niobium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
123	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Tantalum	ST/SOP/C/48 Issue no.1,Date:10/12/2020
124	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Tin	ST/SOP/C/48 Issue no.1,Date:10/12/2020
125	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Titanium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
126	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Tungsten	ST/SOP/C/48 Issue no.1,Date:10/12/2020
127	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Vanadium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
128	CHEMICAL- METALS & ALLOYS	Iron & its alloys	Zirconium	ST/SOP/C/48 Issue no.1,Date:10/12/2020
129	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Chromium	ASTM E354

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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	Iron,steel,special steel,stainless steel,Nickel and its alloys	Cobalt	ASTM E354
131	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Molybdenum	ASTM E354
132	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Nickel	ASTM E354
133	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Phosphorus	ASTM E354
134	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Silicon	ASTM E354
135	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Chromium	ASTM E1473
136	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Chromium	ASTM E350
137	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Chromium	ASTM E353
138	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Chromium	IS 228:Part 6(1987)
139	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Cobalt	ASTM E1473
140	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Cobalt	ASTM E350
141	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Cobalt	ASTM E353
142	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Copper	IS 228:Part15(1992)
143	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Manganese	ASTM E350
144	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Manganese	ASTM E353
145	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Manganese	IS 228:Part2(1987)
146	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Molybdenum	ASTM E1473
147	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Molybdenum	ASTM E353
148	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Molybdenum	IS 228:Part7(1990)

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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	Iron,steel,special steel,stainless steel,Nickel and its alloys	Nickel	ASTM E1473
150	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Nickel	ASTM E350
151	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Nickel	ASTM E353
152	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Nickel	IS 228:Part5(1987)
153	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Phosphorus	ASTM E1473
154	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Phosphorus	ASTM E350
155	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Phosphorus	IS 228:Part 3(1987)
156	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Phosphorus	ASTM E353
157	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Silicon	ASTM E1473
158	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Silicon	ASTM E350
159	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Silicon	ASTM E353
160	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys	Silicon	IS 228:Part 8(1989)
161	CHEMICAL- METALS & ALLOYS	Iron,steel,special steel,stainless steel,Nickel and its alloys.	Manganese	ASTM E354
162	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Aluminium	ASTM E3047
163	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Boron	ASTM E3047
164	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Carbon	ASTM E3047
165	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E2594
166	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Chromium	ASTM E3047
167	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E2594

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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
168	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Cobalt	ASTM E3047
169	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E2594
170	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Copper	ASTM E3047
171	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E2594
172	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Iron	ASTM E3047
173	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E2594
174	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Manganese	ASTM E3047
175	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E2594
176	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Molybdenum	ASTM E3047
177	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E2594
178	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Niobium	ASTM E3047
179	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphorus	ASTM E3047
180	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Phosphurus	ASTM E2594
181	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Silicon	ASTM E3047
182	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Sulphur	ASTM E3047
183	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tantalum	ASTM E2594
184	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E2594
185	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Titanium	ASTM E3047
186	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E2594

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187	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Tungsten	ASTM E3047
188	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E2594
189	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Vanadium	ASTM E3047
190	CHEMICAL- METALS & ALLOYS	Nickel & its alloys	Zirconium	ASTM E2594
191	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	ASTM E1086
192	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
193	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	ASTM E1086
194	CHEMICAL- METALS & ALLOYS	Stainless steel	Chromium	IS 9879
195	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E1086
196	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
197	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	ASTM E1086
198	CHEMICAL- METALS & ALLOYS	Stainless steel	Manganese	IS 9879
199	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdenum	ASTM E1086
200	CHEMICAL- METALS & ALLOYS	Stainless steel	Molybdneum	IS 9879
201	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	ASTM E1086
202	CHEMICAL- METALS & ALLOYS	Stainless steel	Nickel	IS 9879
203	CHEMICAL- METALS & ALLOYS	Stainless steel	Nitrogen	IS 228 Pt-23
204	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	ASTM E1086
205	CHEMICAL- METALS & ALLOYS	Stainless steel	Phosphorus	IS 9879

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206	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E1086
207	CHEMICAL- METALS & ALLOYS	Stainless steel	Silicon	IS 9879
208	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E1086
209	CHEMICAL- METALS & ALLOYS	Stainless steel	Sulphur	IS 9879
210	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	IS 9879
211	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel Alloys	Carbon	ASTM E1019
212	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel Alloys	Oxygen	ASTM E1019
213	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel Alloys	Oxygen	IS 228 PT18
214	CHEMICAL- METALS & ALLOYS	Steel, Iron, Nickel Alloys	Sulphur	ASTM E1019
215	CHEMICAL- METALS & ALLOYS	Steel,Iron,Nickel alloys	Hydrogen	ASTM E1019
216	CHEMICAL- METALS & ALLOYS	Steel,Iron,Nickel alloys	Hydrogen	IS 228 pt.22
217	CHEMICAL- METALS & ALLOYS	Steel,Iron,Nickel alloys	Hydrogen	ISO 3690
218	CHEMICAL- METALS & ALLOYS	Steel,Iron,Nickel alloys	Nitrogen	ASTM E1019
219	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ASTM E2371
220	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Aluminium	ASTM E2994
221	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Carbon	ASTM E1941-10
222	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Chromium	ASTM E2371
223	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Cobalt	ASTM E2371
224	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Copper	ASTM E2371

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225	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Hydrogen	ASTM E1447-09
226	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ASTM E2371
227	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Iron	ASTM E2994
228	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Manganese	ASTM E2371
229	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Molybdenum	ASTM E2371
230	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Nickel	ASTM E2371
231	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Niobium	ASTM E2371
232	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Nitrogen	ASTM E1409
233	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Oxygen	ASTM E1409
234	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Palladium	ASTM E2371
235	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Silicon	ASTM E2371
236	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tantalum	ASTM E2371
237	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	ASTM E2371
238	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tin	ASTM E2994
239	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Tungsten	ASTM E2371
240	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	ASTM E2371
241	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Vanadium	ASTM E2994
242	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Yttrium	ASTM E2371
243	CHEMICAL- METALS & ALLOYS	Titanium & titanium alloys	Zirconium	ASTM E2371

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244	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Aluminium	ISO 3815-1
245	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Cadmium	ISO 3815-1
246	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Copper	ISO 3815-1
247	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Iron	ISO 3815-1
248	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Lead	ISO 3815-1
249	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Magnesium	ISO 3815-1
250	CHEMICAL- METALS & ALLOYS	Zinc & zinc alloys	Tin	ISO 3815-1
251	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material)	AS 2205.7.1
252	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material)	ASTM E23
253	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material)	EN ISO 148-1
254	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Charpy Impact Test (V-Notch on metallic material)	ISO 9016
255	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Leak Path, Pull Out Test	ASME Sec. VIII DIV 1
256	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Nick Break Test	AS 2205.4.1
257	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Nick Break Test & Fillet Weld Fracture Test	API 1104
258	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Nick Break Test & Fillet Weld Fracture Test	IS 2825(1969)

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259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	AS 2205.3.1
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	AS1554.6
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	ASME SEC IX
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	ASTM E190
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	BSEN ISO 15614-1
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	IBR
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	IS 2825(1969)
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse Root, Face, Side Bend Test	ISO 5173
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse tensile test	AS 2205.2.3-03
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	Transverse tensile test	ISO 4136
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, All Weld	ASME Sec IX
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, All Weld	AS 2205.2.2
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, all Weld	AS1554.6
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, all Weld	BSEN ISO 15614-1

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273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, all Weld	IBR
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non Ferrous Metals and Alloys	UTS Transverse, All Weld	IS 2825(1969)
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Non-Ferrous Metals and Alloys	Fillet break test	AS/NZS 2205.4.1
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material	Creep stress rupture Test	ASTM E139-11
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material	Creep stress rupture Test	ASTM E292
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material	Creep stress rupture Test	EN2002-5
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Material	Creep stress rupture Test	ISO 204
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous and Nonferrous Metals and alloys	Brinell Hardness Test	ASTM E10
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Stainless steel	Test on Fasteners (Proof Load / Tensile Test)	ASTM A194
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Stainless steel	Test on Fasteners(Proof Load / Tensile)	ASTM A193
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Stainless Steel	Test on Fasteners(Proof Load / Tensile)	IS 1367:Part6
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	End quench test for Hardenability of steel	ASTM A255
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	End quench test for Hardenability of steel	IS 3848(1981)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material & products, Stainless steel,Nickel alloys	Charpy Impact Test(V-Notch on metallic material) Ambient to -(minus)196 Deg.C.	EN ISO 148-1

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287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Stainless Steel	Test on Fasteners(Proof Load / Tensile)	ISO898-1
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material Stainless Steel	Test on Fasteners(Proof Load / Tensile)	ISO898-2
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials & Products, Stainless steel,Nickel alloys	Charpy Impact Test (V-Notch on metallic material) Ambient to - (minus) 196 Deg.C.	ASTM E23
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Materials, alloys & products	Test on Fasteners (Proof Load / Tensile Test)	IS 1367 : Part 3
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Drift Expansion / Flaring	ASTM A370
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Drift Expansion / Flaring	IS 2335(2005)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Flattening Test	ASTM A370
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Tubes	Flattening Test	IS 2328
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Proof Stress	IS 1608:Part 1
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Proof Stress	ASTM 370
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Proof Stress	ASTM E8M
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Proof Stress	ISO 6892-1
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Bend Test	ASTM A370
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Bend Test	ASTM E290

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301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Bend Test	IBR
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Bend Test	IS 1599
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Bend Test	ISO7438
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Brinell Hardness	ASTM A370
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Brinell Hardness	ASTM E10
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Brinell Hardness	IS 1500:Part1
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Brinell Hardness	ISO 6506-1
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Elongation	IS 1608:Part1
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Elongation	ASTM A370
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Elongation	ASTM E8M
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Elongation	EN2002-1
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Elongation	ISO 6892-1
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Proof Stress	EN2002-1
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Reduction Area	IS 1608:Part1

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315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Reduction Area	ASTM A370
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Reduction Area	ASTM E8M
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Reduction Area	EN2002-1
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Reduction Area	ISO 6892-1
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRBW)	ASTM A370
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRBW)	ASTM E18
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRBW)	IS 1586:Part1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRBW)	ISO 6508-1
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRC)	ASTM A370
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRC)	ASTM E18
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRC)	IS 1586:Part1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Rockwell Hardness (HRC)	ISO 6508-1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Shear Strength Test for Cladded Material	ASTM A263-12
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Shear Strength Test for Cladded Material	ASTM A264-12

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329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Shear Strength Test for Cladded Material	ASTM A265-12
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Elongation (35Deg. C to 1000 Deg.C)	ASTM E21
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Elongation(35Deg. C to 1000 Deg.C)	IS1608:Part 2
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Elongation(35Deg. C to 1000 Deg.C)	ISO 6892-2
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Proof stress (35Deg. C to 1000 Deg.C)	ASTM E21
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Proof Stress (35Deg. C to 1000 Deg.C)	IS 1608:Part 2
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Proof stress (35Deg. C to 1000 Deg.C)	ISO 6892-2
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. U.T.S.(35Deg. C to 1000 Deg.C)	ASTM E21
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. U.T.S.(35Deg. C to 1000 Deg.C)	IS1608:Part 2
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. U.T.S.(35Deg. C to 1000 Deg.C)	ISO 6892-2
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Yield strength(35Deg. C to 1000 Deg.C)	ASTM E21
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Yield strength(35Deg. C to 1000 Deg.C)	IS1608:Part 2
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at elevated temp. Yield strength(35Deg. C to 1000 Deg.C)	ISO 6892-2
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Elongation	IS 1608 (Part3)

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343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Elongation	ISO 6892-3
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Reduction Area	IS 1608:Part3
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Reduction Area	ISO 6892-3
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) U.T.S	IS 1608:Part3
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) U.T.S	ISO 6892-3
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Yield Strength	IS 1608:Part3
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Tensile Test at Low Temperature (+10 Deg C to -196 Deg .C) Yield Strength	ISO 6892-3
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	U.T.S.	ASTM A370
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	U.T.S.	ASTM E8M
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	U.T.S.	EN2002-1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	U.T.S.	IS 1608:Part 1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	U.T.S.	ISO 6892-1
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	AS2205.6.1-03
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	ASTM A370

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357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	ASTM E92
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	IS 1501:Part1
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	ISO6507-1
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV10)	ISO9015-1
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	AS2205.6.1-03
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	ASTM A370
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	ASTM E92
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	IS 1501:Part1
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	ISO 6507-1
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV30)	ISO 9015-1
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	AS2205.6.1-03
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	ASTM A370
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	ASTM E92
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	IS 1501:Part1

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371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	ISO 6507-1
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Vickers Hardness (HV5)	ISO 9015-1
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Yield Strength	ASTM A370
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Yield Strength	ASTM E8M
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Yield Strength	EN2002-1
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Yield Strength	IS 1608:Part 1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metals and alloys Ferrous and Nonferrous	Yield Strength	ISO 6892-1
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel	Drop-Weight Test	ASTM E208
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates	Through Thickness Tension Testing Reduction Area	DIN EN10164
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Plates	Through-Thickness Tension Testing Reduction Area	ASTM A770
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel,Stainless steel	Detection of Detrimental phase in Duplex Stainless steel	ASTM A923 Method B
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Bend Test	IS 1786(2008)
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Elongation	IS 1786(2008)
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Proof Stress	IS 1786(2008)

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385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	Rebend Test	IS 1786(2008)
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	TMT Bar	U.T.S.	IS 1786(2008)
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	All Weld Tensile	IS 814(2004)
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	All Weld Tensile	SFA 5.1M
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	Charpy Impact Test (V-Notch on metallic material)	ASTM E23
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	Charpy Impact Test (V-Notch on metallic material)	EN ISO 148-1
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	Transverse Root, Face, Side Bend, Concentricity of flux coating	IS 814(2004)
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welding Electrode	Transverse Root, Face, Side Bend, Concentricity of flux coating	SFA 5.1M
393	MECHANICAL-METALLOGRAPHY TEST	Aluminium Alloys	Determining Susceptibility to Stress-Corrosion Cracking	ASTM G47
394	MECHANICAL-METALLOGRAPHY TEST	Aluminium Alloys (5XXX Series)	ASSET Test	ASTM G66-99
395	MECHANICAL-METALLOGRAPHY TEST	Aluminium Alloys 5XXX Series	NAMLT Test	ASTM G67
396	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	Microstructure & Grain Size	ASTM E112
397	MECHANICAL-METALLOGRAPHY TEST	Aluminium materials, alloys & products	Microstructure and Grain Size	ASTM E407-07
398	MECHANICAL-METALLOGRAPHY TEST	Austenitic and Duplex Stainless Steel	Ferrite content by Ferritoscope	ASTM A799-10
399	MECHANICAL-METALLOGRAPHY TEST	Austenitic and Duplex Stainless Steel	Ferrite content by Ferritoscope	ASTM A800
400	MECHANICAL-METALLOGRAPHY TEST	Austenitic and Duplex stainless steel	Ferrite content by ferritoscope	AWS A4.2

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401	MECHANICAL-METALLOGRAPHY TEST	Austenitic and Duplex Stainless Steel	Ferrite content by Ferritoscope	EN ISO 8249
402	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless steel	Boiling Nitric acid Test Practice C (Huey Test)	ASTM A262
403	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Boiling Nitric acid Test Practice C(Huey Test)	ISO 3651:Part1
404	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Ferric Sulphate Sulphuric acid Test Practice B	ASTM A262
405	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice E	ASTM A262
406	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC Practice F	ASTM A262
407	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Oxalic Acid etch Test Practice A	ASTM A262
408	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	Strauss Test	EN ISO 3651:Part2
409	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steel	Case depth by Microscopic method	IS 6416(1988)
410	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Volume fraction by Manual point count	ASTM E562
411	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	AS1554.6
412	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	AS2205.5.1
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	ASME Sec.IX
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	AWS D1.1
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	BSEN ISO 15614-1
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	IBR
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	IS 2825(1969)
418	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Non Ferrous Metals and Alloys	Macro and Micro Examination	ISO 17639
419	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Metal and oxide coating thickness	ASTM B487

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420	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Avg. Grain size by comparison method	ASTM E112
421	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Avg.Grain size by comparison method	IS 4748(2009)
422	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Macro structural examination	ASTM E340
423	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Macro structural examination	ASTM E381
424	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Macrostructural examination	BSEN ISO 17639
425	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Microstructure	ASM Vol.9
426	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Microstructure	ASTM E3-11
427	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Microstructure	ASTM E407-07
428	MECHANICAL-METALLOGRAPHY TEST	Ferrous and Nonferrous Material	Microstructure	ISO 17639
429	MECHANICAL-METALLOGRAPHY TEST	Ferrous Marterial	Full ring ovalization test	BS8701
430	MECHANICAL-METALLOGRAPHY TEST	Ferrous marterial	Full ring ovalization test	OTI 95 635
431	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials, alloys & products	Nodularity and Nodule count in Gray cast Iron	ASTM E2567
432	MECHANICAL-METALLOGRAPHY TEST	Ferrous materials. alloys & products	Banding Index	ASTM E1268
433	MECHANICAL-METALLOGRAPHY TEST	Gray cast Iron	Microstructure of Cast Iron	ASTM A247
434	MECHANICAL-METALLOGRAPHY TEST	Gray cast Iron	Microstructure of Cast Iron	IS 7754(1975)
435	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich chromium bearing alloys	IGC Method A	ASTM G28-02
436	MECHANICAL-METALLOGRAPHY TEST	Pipeline & Pressure Vessel steel, Metals & Alloys	Hydrogen-Induced Cracking Test(HIC)	NACE TM 0284
437	MECHANICAL-METALLOGRAPHY TEST	Plated Steel Component	Coating Thickness by Microscopic Method	ASTM B487
438	MECHANICAL-METALLOGRAPHY TEST	Plated Steel Component	Coating Thickness by Microscopic Method	IS 3203(1982)

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439	MECHANICAL-METALLOGRAPHY TEST	S.G.Iron	Microstructure	IS 1865(1991)
440	MECHANICAL-METALLOGRAPHY TEST	S.G.Iron	Microstructure	IS 7754(1975)
441	MECHANICAL-METALLOGRAPHY TEST	S.G.Iron	Microstructure	ASTM E2565
442	MECHANICAL-METALLOGRAPHY TEST	Stainless steel Nickel-Base alloys	Method C: Critical pitting Temperature Test (10 to 85 Deg.C)	ASTM G48-11
443	MECHANICAL-METALLOGRAPHY TEST	Stainless steel Nickel-Base alloys	Method E: Critical pitting Temperature Test (10 to 85 Deg.C)	ASTM G48-11
444	MECHANICAL-METALLOGRAPHY TEST	Stainless steel Nickel-Base alloys	Method B: Crevice Test	ASTM G48-11
445	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel, Nickel -Base alloys	Chloride Stress Corrosion Cracking Test (Magnesium chloride & calcium chloride)	ASTM G36-94
446	MECHANICAL-METALLOGRAPHY TEST	Stainless steel, Nickel-Base alloys	Method A: Pitting Test	ASTM G48-11
447	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarb depth by Microscopic Method	ASTM E1077-14
448	MECHANICAL-METALLOGRAPHY TEST	Steel	Decarb depth by Microscopic Method	IS 6396(2000)
449	MECHANICAL-METALLOGRAPHY TEST	Steel	Grain size by Mc Quaid EHN Method	ASTM E112
450	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating by Microscopic Method	ASTM E45 Method A & D
451	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating by Microscopic method	IS 4163
452	MECHANICAL-METALLOGRAPHY TEST	Steel	Inclusion Rating by Microscopic method	ISO 4967-13
453	MECHANICAL-METALLOGRAPHY TEST	Steel & Nickel alloys	Sulphide Stress Cracking(SSC) & Stress Corrosion Cracking(SCC) Method B	NACE TM 0177
454	MECHANICAL-METALLOGRAPHY TEST	Steel & Nickel alloys, Metals& Alloys	Sulphide Stress Cracking(SSC) & Stress Corrosion Cracking(SCC) Four Point Bend Method	NACE TM0316

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455	MECHANICAL-METALLOGRAPHY TEST	Steel & Nickel alloys, Metals& Alloys	Sulphide Stress Cracking(SSC) & Stress Corrosion Cracking(SCC) Method A	NACE TM 0177
456	MECHANICAL-METALLOGRAPHY TEST	Steel & Nickel alloys, Metals& Alloys	Sulphide Stress Cracking(SSC) & Stress Corrosion Cracking(SCC) Method C	NACE TM 0177
457	MECHANICAL-METALLOGRAPHY TEST	Steel, Stainless steel	Evaluation of Disbonding of Bimetallic Stainless Alloy/Steel Plate	ASTM G146-01
458	MECHANICAL-METALLOGRAPHY TEST	Steel,Stainless steel	Detection of Detrimental phase in Duplex Stainless steel	ASTM A923 Method A
459	MECHANICAL-METALLOGRAPHY TEST	Steel,Stainless steel	Detection of Detrimental phase in Duplex Stainless steel	ASTM A923 Method C