National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CRESSCO LABS PRIVATE LIMITED, PLOT NO. 241, B WING, SECTOR NO. 7, PCNTDA, BHOSARI, PUNE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Bismuth	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Bismuth	IS 11035
3	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Chromium	IS 11035
5	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cobalt	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Cobalt	IS 11035
7	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Copper	IS 11035
9	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Iron	IS 11035
11	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Lead	IS 11035
13	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	ASTM E 1251
14	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Magnesium	IS 11035
15	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	ASTM E 1251
16	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Manganese	IS 11035
17	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	ASTM E 1251
18	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Nickel	IS 11035

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19	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	ASTM E 1251
20	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Silicon	IS 11035
21	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	ASTM E 1251
22	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Tin	IS 11035
23	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	ASTM E 1251
24	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Titanium	IS 11035
25	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	ASTM E 1251
26	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Vanadium	IS 11035
27	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	ASTM E 1251
28	CHEMICAL- METALS & ALLOYS	Aluminium & its alloys	Zinc	IS 11035
29	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	ASTM E1999
30	CHEMICAL- METALS & ALLOYS	Cast Iron	Aluminium	IS 15338
31	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	ASTM E1999
32	CHEMICAL- METALS & ALLOYS	Cast Iron	Carbon	IS 15338
33	CHEMICAL- METALS & ALLOYS	Cast iron	Chromium	ASTM E1999
34	CHEMICAL- METALS & ALLOYS	Cast Iron	Chromium	IS 15338
35	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	ASTM E1999
36	CHEMICAL- METALS & ALLOYS	Cast Iron	Cobalt	IS 15338
37	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	ASTM E1999

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38	CHEMICAL- METALS & ALLOYS	Cast Iron	Copper	IS 15338
39	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	IS 15338
40	CHEMICAL- METALS & ALLOYS	Cast Iron	Manganese	ASTM E1999
41	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	ASTM E1999
42	CHEMICAL- METALS & ALLOYS	Cast Iron	Molybdenum	IS 15338
43	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	ASTM E1999
44	CHEMICAL- METALS & ALLOYS	Cast Iron	Nickel	IS 15338
45	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	ASTM E1999
46	CHEMICAL- METALS & ALLOYS	Cast Iron	Phosphorous	IS 15338
47	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	ASTM E1999
48	CHEMICAL- METALS & ALLOYS	Cast Iron	Silicon	IS 15338
49	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	ASTM E1999
50	CHEMICAL- METALS & ALLOYS	Cast Iron	Sulphur	IS 15338
51	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	ASTM E1999
52	CHEMICAL- METALS & ALLOYS	Cast Iron	Titanium	IS 15338
53	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	ASTM E1999
54	CHEMICAL- METALS & ALLOYS	Cast Iron	Vanadium	IS 15338
55	CHEMICAL- METALS & ALLOYS	Die Steel	Aluminium	JIS G 1253
56	CHEMICAL- METALS & ALLOYS	Die Steel	Carbon	JIS G 1253

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57	CHEMICAL- METALS & ALLOYS	Die Steel	Chromium	JIS G 1253
58	CHEMICAL- METALS & ALLOYS	Die Steel	Cobalt	JIS G 1253
59	CHEMICAL- METALS & ALLOYS	Die Steel	Copper	JIS G 1253
60	CHEMICAL- METALS & ALLOYS	Die Steel	Mangansese	JIS G 1253
61	CHEMICAL- METALS & ALLOYS	Die Steel	Molybdenum	JIS G 1253
62	CHEMICAL- METALS & ALLOYS	Die Steel	Nickel	JIS G 1253
63	CHEMICAL- METALS & ALLOYS	Die Steel	Phosphorous	JIS G 1253
64	CHEMICAL- METALS & ALLOYS	Die Steel	Silicon	JIS G 1253
65	CHEMICAL- METALS & ALLOYS	Die Steel	Sulphur	JIS G 1253
66	CHEMICAL- METALS & ALLOYS	Die Steel	Tungsten	JIS G 1253
67	CHEMICAL- METALS & ALLOYS	Die Steel	Vanadium	JIS G 1253
68	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	ASTM E 415
69	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Aluminium	IS 8811
70	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	IS 8811
71	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Boron	ASTM E 415
72	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	ASTM E 415
73	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Carbon	IS 8811
74	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	ASTM E 415
75	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Chromium	IS 8811

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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	Low Alloy Steel	Cobalt	IS 8811
77	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Cobalt	ASTM E 415
78	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	IS 8811
79	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Copper	ASTM E 415
80	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Lead	IS 8811
81	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	ASTM E 415
82	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Manganese	IS 8811
83	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	ASTM E 415
84	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Molybdenum	IS 8811
85	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	ASTM E 415
86	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Nickel	IS 8811
87	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	IS 8811
88	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Niobium	ASTM E 415
89	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	ASTM E 415
90	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Phosphorous	IS 8811
91	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	ASTM E 415
92	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Silicon	IS 8811
93	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	ASTM E 415
94	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Sulphur	IS 8811

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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	Low Alloy Steel	Tin	IS 8811
96	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tin	ASTM E 415
97	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	IS 8811
98	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Titanium	ASTM E 415
99	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	IS 8811
100	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Tungsten	ASTM E 415
101	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	ASTM E 415
102	CHEMICAL- METALS & ALLOYS	Low Alloy Steel	Vanadium	IS 8811
103	CHEMICAL- METALS & ALLOYS	Stainless Steel	Aluminium	ASTM E 1086
104	CHEMICAL- METALS & ALLOYS	Stainless steel	Aluminium	IS 9879
105	CHEMICAL- METALS & ALLOYS	Stainless Steel	Carbon	ASTM E 1086
106	CHEMICAL- METALS & ALLOYS	Stainless steel	Carbon	IS 9879
107	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	ASTM E1086
108	CHEMICAL- METALS & ALLOYS	Stainless Steel	Chromium	IS 9879
109	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	ASTM E 1086
110	CHEMICAL- METALS & ALLOYS	Stainless Steel	Cobalt	IS 9879
111	CHEMICAL- METALS & ALLOYS	Stainless Steel	Copper	ASTM E 1086
112	CHEMICAL- METALS & ALLOYS	Stainless steel	Copper	IS 9879
113	CHEMICAL- METALS & ALLOYS	Stainless Steel	Manganese	ASTM E 1086

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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	Stainless steel	Manganese	IS 9879
115	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	ASTM E 1086
116	CHEMICAL- METALS & ALLOYS	Stainless Steel	Molybdenum	IS 9879
117	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nickel	IS 9879
119	CHEMICAL- METALS & ALLOYS	Stainless Steel	Niobium	ASTM E 1086
120	CHEMICAL- METALS & ALLOYS	Stainless steel	Niobium	IS 9879
121	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	ASTM E 1086
122	CHEMICAL- METALS & ALLOYS	Stainless Steel	Nitrogen	IS 9879
123	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	ASTM E1086
124	CHEMICAL- METALS & ALLOYS	Stainless Steel	Phosphorous	IS 9879
125	CHEMICAL- METALS & ALLOYS	Stainless Steel	Silicon	ASTM E 1086
126	CHEMICAL- METALS & ALLOYS	stainless steel	Silicon	IS 9879
127	CHEMICAL- METALS & ALLOYS	Stainless Steel	Sulphur	ASTM E 1086
128	CHEMICAL- METALS & ALLOYS	stainless steel	Sulphur	IS 9879
129	CHEMICAL- METALS & ALLOYS	Stainless Steel	Titanium	ASTM E 1086
130	CHEMICAL- METALS & ALLOYS	Stainless steel	Titanium	IS 9879
131	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	ASTM E 1086
132	CHEMICAL- METALS & ALLOYS	Stainless Steel	Tungsten	IS 9879

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133	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	ASTM E 1086
134	CHEMICAL- METALS & ALLOYS	Stainless Steel	Vanadium	IS 9879
135	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Elongation in Area	ASTM A370
136	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Elongation in Area	ASTM E8/E8M
137	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Elongation in Area	IS 1608 (Part 1)
138	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Elongation in Area	ISO 6892-1
139	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Reduction in Area	ASTM A370
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Reduction in Area	ASTM E8/E8M
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Reduction in Area	IS 1608 (Part 1)
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	% Reduction in Area	ISO 6892-1
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.2% Proof Stress	ASTM A370
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.2% Proof Stress	ASTM E8/E8M
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.2% Proof Stress	IS 1608 (Part 1)
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.2% Proof Stress	ISO 6892-1

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147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.5% Proof Stress	ASTM A370
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.5% Proof Stress	ASTM E8/E8M
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.5% Proof Stress	IS 1608 (Part 1)
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	0.5% Proof Stress	ISO 6892-1
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	1% Proof Stress	IS 1608 (Part 1)
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	1% Proof Stress	ASTM A370
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	1% Proof Stress	ASTM E8/E8M
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	1% Proof Stress	ISO 6892-1
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Bend Test	ASME-Section IX
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Bend Test	ASTM E290
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Bend Test	IS 1599
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Bend Test	ISO 7438
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-10/3000 HBW	ASTM A370
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-10/3000 HBW	ASTM E10

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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
161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-10/3000 HBW	IS 1500 (Part 1)
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-10/3000 HBW	ISO 6506- Part 1
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-5/750 HBW	ISO 6506-Part 1
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-5/750 HBW	ASTM A370
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-5/750 HBW	ASTM E10
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Brinell Hardness-5/750 HBW	IS 1500 (Part 1)
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Fracture Test of Weld	ASME Section -IX
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.1	ASTM A370
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.1	ASTM E384
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.1	ASTM E92
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.1	IS 1501 (Part 1)
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.1	ISO 6507-1
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.3	ASTM A370
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.3	ASTM E384

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175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.3	ASTM E92
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.3	IS 1501(Part -1)
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.3	ISO 6507-1
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.5	ASTM A370
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.5	ASTM E384
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.5	ASTM E92
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.5	IS 1501 (Part 1)
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV0.5	ISO 6507-1
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV1.0	ASTM A370
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV1.0	ASTM E384
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV1.0	ASTM E92
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV1.0	IS 1501 (Part-1)
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Micro Vickers Hardness-HV1.0	ISO 6507-1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRA	ASTM A370

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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
189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRA	ASTM E18
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRA	IS 1586 (Part 1)
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRA	ISO 6508 (Part 1)
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRBW	ASTM A370
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRBW	ASTM E18
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRBW	IS 1586 (Part 1)
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRBW	ISO 6508 (Part 1)
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRC	ASTM A370
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRC	ASTM E18
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRC	IS 1586 (Part 1)
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Rockwell Hardness-HRC	ISO 6508 (Part 1)
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	UTS (Ultimate Tensile Strength)	ASME-Section IX
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	UTS (Ultimate Tensile Strength)	ASTM A370
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	UTS (Ultimate Tensile Strength)	ASTM E8/E8M

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203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	UTS (Ultimate Tensile Strength)	IS 1608 (Part 1)
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	UTS (Ultimate Tensile Strength)	ISO 6892-1
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 10	ASTM A370
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 10	ASTM E92
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 10	IS 1501 (Part-1)
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 10	ISO 6507-1
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 30	ASTM A370
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 30	ASTM E92
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 30	IS 1501 (Part-1)
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Vickers Hardness-HV 30	ISO 6507-1
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Yield Strength (YS)	IS 1608 (Part 1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Yield Strength (YS)	ASTM A370
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Yield Strength (YS)	ASTM E8/E8M
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous & Non Ferrous Metals, Alloys and Products	Yield Strength (YS)	ISO 6892-1

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217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals, Alloys and Products	Nick break Test	IS 3600 Part 8
218	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Product	Macrostructure analysis	ISO 17639
219	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Product	Volume Fraction of Phases	ASTM E 1245
220	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Product	Volume Fraction of Phases	ASTM E 562
221	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Coating Thickness by Microscopic method	ASTM B487
222	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Coating Thickness by Microscopic method	IS 3203
223	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Coating Thickness by Microscopic method	ISO 1463
224	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Grain size (by comparison, Planimetric and Intercept method)	ASTM E 112
225	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Grain size (by comparison, Planimetric and Intercept method)	ASTM E 1382
226	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Linear measurement of Weld Penetration	ISO 5817
227	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Macro Examination of Weld	ASME Section - IX
228	MECHANICAL-METALLOGRAPHY TEST	Ferrous & Non Ferrous Metals, Alloys and Products	Microstructure analysis	ASM Handbook Vol. 9
229	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Case depth by Hardness Traverse method	IS 6416
230	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Case depth by Hardness Traverse method	ISO 18203
231	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Case depth by microscopic method	IS 6416
232	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Case depth by microscopic method	ISO 18203
233	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Depth of Decarburization by microscopic method	ASTM E1077
234	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Depth of Decarburization by microscopic method	IS 6396

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235	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Grain size (by comparison, Planimetric and Intercept method	IS 4748
236	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Grain size (by comparison, Planimetric and Intercept method)	ISO 643
237	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Macrostructure Analysis	ASTM E 381
238	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Macrostructure Analysis	IS 11371
239	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Macrostructure Analysis	IS 13015
240	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Micro structure of Cast Iron	ASTM A 247
241	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Micro structure of Cast Iron	ASTM E2567
242	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Micro structure of Cast Iron	IS 7754
243	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Non-Metallic Inclusion by comparison method	ASTM E 45
244	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Non-Metallic Inclusion by comparison method	IS 4163
245	MECHANICAL-METALLOGRAPHY TEST	Ferrous Alloys and Products	Non-Metallic Inclusion by comparison method	ISO 4967