National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :	PATSON TESTING SERVICES, PAP R 398, RABALE, MIDC, NAVI MUMBAI, MAHARASHTRA, INDIA		
Accreditation Standard	ISO/IEC 17025:2017		
Certificate Number	TC-7627	**Page No**	1 of 30
Validity	31/07/2021 to 30/07/2023	**Last Amended on**	13/09/2021

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	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Chromium (Cr)	ASTM E 1251
2	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Copper (Cu)	ASTM E 1251
3	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Iron (Fe)	ASTM E 1251
4	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Lead (Pb)	ASTM E 1251
5	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Magnesium (Mg)	ASTM E 1251
6	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Manganese (Mn)	ASTM E 1251
7	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Nickel (Ni)	ASTM E 1251
8	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Silicon (Si)	ASTM E 1251
9	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Tin (Sn)	ASTM E 1251
10	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Titanium (Ti)	ASTM E 1251
11	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Vanadium (V)	ASTM E 1251
12	CHEMICAL- METALS & ALLOYS	Analysis of Aluminium and Aluminium alloys by Optical Emission Spectrometer	Zinc (Zn)	ASTM E 1251
13	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Aluminium (Al)	ASTM E 415
14	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Aluminium (Al)	IS 8811
15	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Arsenic (As)	ASTM E 415
16	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Arsenic (As)	IS 8811
17	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Boron (B)	ASTM E 415
18	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Boron (B)	IS 8811

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19	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Calcium (Ca)	ASTM E 415
20	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Calcium (Ca)	IS 8811
21	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Carbon (C)	ASTM E 415
22	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Carbon (C)	IS 8811
23	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Chromium (Cr)	ASTM E 415
24	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Chromium (Cr)	IS 8811
25	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Cobalt (Co)	ASTM E 415
26	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Cobalt (Co)	IS 8811
27	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Copper (Cu)	ASTM E 415
28	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Copper (Cu)	IS 8811
29	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Lead (Pb)	JIS G 1253
30	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Manganese (Mn)	ASTM E 415
31	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Manganese (Mn)	IS 8811
32	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Molybdenum (Mo)	ASTM E 415
33	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Molybdenum (Mo)	IS 8811
34	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Nickel (Ni)	ASTM E 415
35	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Nickel (Ni)	IS 8811
36	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Niobium (Nb)	ASTM E 415
37	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Niobium (Nb)	IS 8811

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38	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Nitrogen (N)	ASTM E 415
39	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Nitrogen (N)	IS 228 (Part 23)
40	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Phosphorus (P)	ASTM E 415
41	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Phosphorus (P)	IS 8811
42	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Silicon (Si)	ASTM E 415
43	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Silicon (Si)	IS 8811
44	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Sulphur (S)	ASTM E 415
45	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Sulphur (S)	IS 8811
46	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Sulphur (S)	JIS G 1253
47	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Tin (Sn)	ASTM E 415
48	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Tin (Sn)	IS 8811
49	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Titanium (Ti)	ASTM E 415
50	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Titanium (Ti)	IS 8811
51	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Vanadium (V)	ASTM E 415
52	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Vanadium (V)	IS 8811
53	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Zirconium (Zr)	ASTM E 415
54	CHEMICAL- METALS & ALLOYS	Analysis of Carbon and Low Alloy steel by Optical Emission Spectrometer	Zirconium (Zr)	IS 8811
55	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Aluminium (Al)	BS EN 15079
56	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Arsenic (As)	BS EN 15079

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57	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Cobalt (Co)	BS EN 15079
58	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Iron (Fe)	BS EN 15079
59	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Lead (Pb)	BS EN 15079
60	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Manganese (Mn)	BS EN 15079
61	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Nickel (Ni)	BS EN 15079
62	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Phosphorus (P)	BS EN 15079
63	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Silicon (Si)	BS EN 15079
64	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Sulphur (S)	BS EN 15079
65	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Tin (Sn)	BS EN 15079
66	CHEMICAL- METALS & ALLOYS	Analysis of Copper Alloys (Brass, bronze, cupronickel) by optical Emission spectrometer	Zinc (Zn)	BS EN 15079
67	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Aluminium (Al)	ASTM E 3047
68	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Carbon (C)	ASTM E 3047
69	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Chromium (Cr)	ASTM E 3047
70	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Cobalt (Co)	ASTM E 3047
71	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Copper (Cu)	ASTM E 3047
72	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Iron (Fe)	ASTM E 3047
73	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Manganese (Mn)	ASTM E 3047
74	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Molybdenum (Mo)	ASTM E 3047
75	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Niobium (Nb)	ASTM E 3047

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76	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Phosphorus (P)	ASTM E 3047
77	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Silicon (Si)	ASTM E 3047
78	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Sulphur (S)	ASTM E 3047
79	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Titanium (%Ti)	ASTM E 3047
80	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Tungsten (W)	ASTM E 3047
81	CHEMICAL- METALS & ALLOYS	Analysis Of Nickel & Nickel Alloys By Optical Emission Spectrometer	Vanadium (V)	ASTM E 3047
82	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Carbon (C)	ASTM E 1086
83	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Manganese (Mn)	ASTM E 1086
84	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Phosphorus (P)	ASTM E 1086
85	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Silicon (Si)	ASTM E 1086
86	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Carbon (C)	IS 9879
87	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Carbon (C)	JIS G 1253
88	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Chromium (Cr)	ASTM E 1086
89	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Chromium (Cr)	IS 9879
90	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Chromium (Cr)	JIS G 1253
91	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Cobalt (Co)	ASTM E 1086
92	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Cobalt (Co)	IS 9879
93	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Cobalt (Co)	JIS G 1253
94	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Copper (Cu)	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
95	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Copper (Cu)	IS 9879
96	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Copper (Cu)	JIS G 1253
97	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Manganese (Mn)	IS 9879
98	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Manganese (Mn)	JIS G 1253
99	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Molybdenum (Mo)	ASTM E 1086
100	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Molybdenum (Mo)	IS 9879
101	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Molybdenum (Mo)	JIS G 1253
102	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Nickel (Ni)	ASTM E 1086
103	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Nickel (Ni)	IS 9879
104	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Nickel (Ni)	JIS G1253
105	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Niobium (Nb)	ASTM E 1086
106	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Niobium (Nb)	IS 9879
107	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Niobium (Nb)	JIS G 1253
108	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Nitrogen (N)	IS 228 (Part 23)
109	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Phosphorus (P)	IS 9879
110	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Phosphorus (P)	JIS G 1253
111	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Silicon (Si)	IS 9879
112	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Silicon (Si)	JIS G 1253
113	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Sulphur (S)	ASTM E 1086

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114	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Sulphur (S)	IS 9879
115	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Sulphur (S)	JIS G 1253
116	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Tantalum (Ta)	JIS G 1253
117	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Titanium (Ti)	ASTM E 1086
118	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Titanium (Ti)	IS 9879
119	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Titanium (Ti)	JIS G 1253
120	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Tungsten (W)	ASTM E 1086
121	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Tungsten (W)	IS 9879
122	CHEMICAL- METALS & ALLOYS	Analysis of Stainless Steel by Optical Emission Spectrometer	Tungsten (W)	JIS G 1253
123	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Carbon (C)	JIS G 1253
124	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Chromium (Cr)	JIS G 1253
125	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Cobalt (Co)	JIS G 1253
126	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Copper (Cu)	JIS G 1253
127	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Manganese (Mn)	JIS G 1253
128	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Molybdenum (Mo)	JIS G 1253
129	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Nickel (Ni)	JIS G 1253
130	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Nitrogen (N)	IS 228 (Part 23)
131	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Nitrogen (N)	JIS G 1253
132	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Phosphorus (P)	JIS G 1253

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133	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Silicon (Si)	JIS G 1253
134	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Sulphur (S)	JIS G 1253
135	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Titanium (Ti)	JIS G 1253
136	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Tungsten (W)	JIS G 1253
137	CHEMICAL- METALS & ALLOYS	Analysis of Tool Steel by Optical Emission Spectrometer	Vanadium (V)	JIS G 1253
138	CHEMICAL- METALS & ALLOYS	Positive Material Identification By XRF	Fe, Cu, Ni, Al, Co, Ti Bases can be detected and all Alloying elements- except the following elements C, Si, P, S, Al, Mg	ASTM E 1476
139	CHEMICAL- METALS & ALLOYS	Positive Material Identification By XRF	Fe, Cu, Ni, Al, Co, Ti Bases can be detected and all Alloying elements- except the following elements C, Si, P, S, Al, Mg	ASTM E 1916
140	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	ASTM A 264
141	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded Steel Plate	Shear Test	ASTM A 263
142	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	ASTM A 265
143	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	SA 263
144	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	SA 264
145	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Cladded steel Plate	Shear Test	SA 265
146	MECHANICAL- MECHANICAL PROPERTIES OF METALS	Ferrous materials / Metal & Alloys (Boiler / Pressure Tubes)	Crushing Test	ASTM A 370

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147	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ASTM A 370
148	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ISO 898 - 2
149	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	IS 1367 (Part-3)
150	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	IS 1367(Part 6)
151	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metal Nuts & Bolts	Proof Load	ISO 898 - 1
152	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	ASTM A 923 Method B
153	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	BS EN 875
154	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	BS EN ISO 15614 - 1
155	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	BS EN ISO 17781
156	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	IBR
157	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	IS 1757 Part 1
158	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	ISO 148-1
159	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	ISO 9016
160	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	ASTM A 370

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161	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	ASTM E 18
162	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	ASTM E 18
163	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	IS 1586 (Part 1)
164	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	ASTM A 370
165	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	BS EN ISO 6508 - 1
166	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	IS 1586 (Part 1)
167	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R.A.	IS 1608 (Part 1)
168	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	BS EN ISO 6892 - 1
169	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	IS 1608 - 1
170	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM B 557
171	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	BS EN ISO 6892-1
172	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	IBR RULE
173	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ASTM E 384
174	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ASTM E 384

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175	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 92
176	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 9015-1
177	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	ASTM A 370
178	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell C	ASTM E 18
179	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM A 370
180	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% RA)	API 2H
181	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	ASTM A 370
182	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	ASTM E 10
183	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	BS EN ISO 6506 - 1
184	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Brinell Hardness Test	IS 1500 (Part 1)
185	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	ASTM A 370
186	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Charpy V notch Impact Test (+50°C to -196°C)	ASTM E 23
187	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	BS EN ISO 6508 - 1
188	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell A	IS 1586 (Part 1)

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189	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Hardness Rockwell B	BS EN ISO 6508-1
190	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Portable Hardness Testers	ASTM A 956
191	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM A 370
192	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM B 557
193	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM E 8 / E 8M
194	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	BS EN ISO 6892-1
195	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	IBR RULE
196	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % Elongation	IS 1608 (Part 1)
197	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R. A.	ASTM B 557
198	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R. A.	ASTM E 8 / E 8M
199	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R. A.	BS EN ISO 6892-1
200	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R. A.	IBR RULE
201	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - % R.A.	ASTM A 370
202	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM B 557

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203	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM E 8 / E 8M
204	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	IBR RULE
205	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM A 370
206	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM B 557
207	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM E 8 / E 8M
208	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	BS EN ISO 6892-1
209	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IBR RULE
210	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IS 1608 (Part 1)
211	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM A 370
212	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM E 8 / E 8M
213	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	IS 1608 (Part 1)
214	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% RA)	ASTM A 770 - 03
215	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Through Thickness Tensile (% RA)	BS EN 10164
216	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ASTM E 384

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217	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ASTM E 92
218	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ASTM E 92
219	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	BS EN ISO 15614 - 1
220	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	BS EN ISO 15614-1
221	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	BS EN ISO 9015 - 1
222	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	BS EN ISO 9015 - 1
223	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	IS 1501 (Part 1)
224	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ISO 6507 - 1
225	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ISO 6507 - 1
226	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness	ISO 6507 - 1
227	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 15614-1
228	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test	IS 1501 (Part 1)
229	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys	Vickers Hardness Test	IS 1501(Part1)
230	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	ISO 7438

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231	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	ASTM A 370
232	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	ASTM E 290
233	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	IBR RULE
234	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	IS 1599
235	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	IS 2329
236	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Weld)	Nick Break Test	IBR RULE
237	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys (Weld)	Nick Break Test	API 1104
238	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flattening Test	ASTM A 1016
239	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flattening Test	ASTM A 370
240	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	IS 2335
241	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	IS 2501
242	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flaring Test/ Drift Test	ASTM A 1016
243	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flaring Test/ Drift Test	ASTM B 153
244	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Flattening Test	IS 2328

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245	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Reverse Flattening Test	ASTM A 1016
246	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tube / Pipe	Reverse Flattening Test	ASTM A 370
247	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Metals & Alloys Tubes & Pipes	Flattening Test	ASTM A 999
248	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Re-bend Test	IS 1786
249	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Re-bend Test	BS EN ISO 15630 - 1
250	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength Deformed Bar for Concrete Reinforcement	Mass per Meter	IS 1786
251	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Fracture Test (Tear Test)	ASME BPVC Sec. IX (QW 193.1.3) & (QW 182)
252	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Fracture Test (Tear Test)	AWS D 1.1
253	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Macro Test (Min. Leak Path & Leg Length)	ASME Sec. IX
254	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Macro Test (Min. Leak Path & Leg Length)	AWS D 1.1
255	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Weld strength Test (Pull Out Test)	ASME BPVC Sec. IX
256	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metal & Alloy (Tube to Tube Sheet Mock Up-Weld)	Weld strength Test (Pull Out Test)	ASME BPVC Sec. VIII Div. 1
257	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous materials / Metal & Alloys (Boiler / Pressure Tubes)	Crushing Test	ASTM A 370
258	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metal & Alloy Nuts & Bolts	Proof Load	ASTM A 370

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259	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metal & Alloy Nuts & Bolts	Proof Load	IS 1367 (Part 6)
260	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metal & Alloy Nuts & Bolts	Proof Load	IS 1367 (Part-3)
261	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metal & Alloy Nuts & Bolts	Proof Load	ISO 898 - 1
262	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metal & Alloy Nuts & Bolts	Proof Load	ISO 898 - 2
263	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Brinell Hardness Test	ASTM E 10
264	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Brinell Hardness Test	IS 1500 (Part 1)
265	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	ASTM E1077
266	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell B	IS 1586 (Part 1)
267	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell B	ASTM E 18
268	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell C	ASTM E 18
269	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell C	IS 1586 (Part 1)
270	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	BS EN ISO 6892-1
271	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	IBR RULE
272	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	BS EN ISO 6892-1

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273	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	IBR RULE
274	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM E 8 / E 8M
275	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	BS EN ISO 6892-1
276	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM A 370
277	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	BS EN ISO 6892-1
278	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM A 370
279	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 384
280	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 384
281	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Brinell Hardness Test	ASTM A 370
282	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell B	ASTM A 370
283	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell C	ASTM A 370
284	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Portable Hardness Testers	ASTM A 956
285	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	IS 1501 (Part 1)
286	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness test	IS 1501 (Part 1)

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287	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	IS 1501 (Part 1)
288	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Brinell Hardness Test	BS EN ISO 6506 - 1
289	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell A	ASTM A 370
290	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell A	ASTM E 18
291	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell A	BS EN ISO 6506 - 1
292	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell A	IS 1586 (Part 1)
293	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell B	BS EN ISO 6508 - 1
294	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Hardness Rockwell C	BS EN ISO 6508 - 1
295	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM A 370
296	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM B 557
297	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	ASTM E 8 / E 8M
298	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % Elongation	IS 1608 (Part 1)
299	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	ASTM A 370
300	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	ASTM B 557

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301	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	ASTM E 8 / E 8M
302	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - % R. A.	IS 1608 (Part 1)
303	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM A 370
304	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	ASTM B 557
305	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	IBR RULE
306	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - 0.2% /1% by Offset Method / Proof Stress	IS 1608 (Part 1)
307	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM B 557
308	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASTM E 8 / E 8 M
309	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IBR RULE
310	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IS 1367 (Part 3)
311	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IS 1608 (Part 1)
312	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM B 557
313	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	ASTM E 8 / E 8M
314	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	BS EN ISO 6892-1

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315	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	IBR RULE
316	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Tensile Test - Y. S. (10kN - 600kN / 0.025kN)	IS 1608 (Part 1)
317	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness	ASTM E 92
318	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 384
319	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 92
320	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ASTM E 92
321	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 15614 - 1
322	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 15614 - 1
323	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 15614 - 1
324	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 9015 - 1
325	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 9015 - 1
326	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	BS EN ISO 9015 - 1
327	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ISO 6507 - 1
328	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ISO 6507 - 1

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329	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys	Vickers Hardness Test	ISO 6507 - 1
330	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Plate, Rod & Pipe / Tube)	Bend Test	ASTM A 370
331	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Plate, Rod & Pipe / Tube)	Bend Test	IS 2329
332	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	ASTM E 290
333	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	IBR Rule
334	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Plate, Rod & Pipe/Tube)	Bend Test	IS 1599
335	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Weld)	Nick Break Test	IBR RULE
336	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys (Weld)	Nick Break Test	API 1104
337	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	ASTM A 1016
338	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Reverse Flattening Test	ASTM A 370
339	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flattening Test	IS 2328
340	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	ASTM A 370
341	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	ASTM A 370
342	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	ASTM B 153

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343	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	IS 2335
344	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flaring Test / Drift Test	IS 2501
345	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Flattening Test	ASTM A 370
346	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tube / Pipe	Reverse Flattening Test	ASTM A 1016
347	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tubes & Pipes	Flattening Test	ASTM A 1016
348	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non Ferrous Metals & Alloys Tubes & Pipes	Flattening Test	ASTM A 999
349	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	API 1104
350	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	ASME SEC. IX
351	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	ASTM E 190
352	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	AWS D 1.1
353	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	BS EN ISO 15614 - 1
354	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	BS EN ISO 5173
355	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	IBR RULE
356	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Bend Test	IS 2825

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357	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metal (Plate & Pipe/Tube)	Fracture Test	ASME SEC. IX (QW 182)
358	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (12kN - 600kN / 0.04kN)	AWS D1.1
359	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	API 1104
360	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	ASME SEC. IX
361	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	AWS D1.1
362	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	BS EN ISO 15614 - 1
363	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	BS EN ISO 4136
364	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	IBR RULE
365	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % Elongation	IS 2825
366	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	API 1104
367	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	ASME SEC. IX
368	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	AWS D1.1
369	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	BS EN ISO 4136
370	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	IBR RULE

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371	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	IS 2825
372	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - % R.A.	ISO 15614 - 1
373	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	API 1104
374	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	ASME SEC. IX
375	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	AWS D1.1
376	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	BS EN ISO 15614 - 1
377	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	BS EN ISO 4136
378	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	IBR RULE
379	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - 0.2% / 0.5% / 1% by Offset Method / Proof Stress	IS 2825
380	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	API 1104
381	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	ASME SEC. IX
382	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	BS EN ISO 15614 - 1
383	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	BS EN ISO 4136
384	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IBR RULE

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385	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - U.T.S. (10kN - 600kN / 0.025kN)	IS 2825
386	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	API 1104
387	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	ASME SEC. IX
388	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	AWS D1.1
389	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	BS EN ISO 15614 - 1
390	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	BS EN ISO 4136
391	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	IBR RULE
392	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld Metals	Tensile Test - Y. S.	IS 2825
393	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Fillet Weld Fracture Test	API 1104
394	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Fillet Weld Fracture Test	ASME BPVC Sec. IX
395	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Welded Test Specimen	Fillet Weld Fracture Test	AWS D 1.1
396	MECHANICAL-METALLOGRAPHY TEST	Austenitic & Ferritic (Duplex Stainless Steel)	IGC Test (Huey Test)	ISO 3651 (Part 1)
397	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC PRACTICE A	ASTM A 262
398	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC PRACTICE B	ASTM A 262
399	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC PRACTICE C	ASTM A 262

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400	MECHANICAL-METALLOGRAPHY TEST	Austenitic Stainless Steel	IGC PRACTICE E	ASTM A 262
401	MECHANICAL-METALLOGRAPHY TEST	Case Hardened Steel	Estimation of Case Depth (Microscopic Method)	IS 6416
402	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure Analysis	ASTM A 247
403	MECHANICAL-METALLOGRAPHY TEST	Cast Iron Products	Microstructure Analysis	IS 7754
404	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases Method A	ASTM A 923
405	MECHANICAL-METALLOGRAPHY TEST	Duplex Stainless Steel	Detection of Detrimental Intermetallic Phases Method C	ASTM A 923
406	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'D'	ASTM E 45
407	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'D'	IS 4163
408	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'A'	ASTM E 45
409	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'A'	IS 4163
410	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'A'	ISO 4967
411	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'A'	SEP 1572
412	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'D'	ISO 4967
413	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals	Non-Metallic Inclusion Rating by Method 'D'	SEP 1572
414	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	ASTM E 112
415	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	IS 4748
416	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	ASTM E 1077
417	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	IS 6396

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418	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	ISO 3887
419	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determining Volume Fraction by Systematic Manual Point Count	ASTM E 562
420	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Determining Volume Fraction by Systematic Manual Point Count	BS EN ISO 17781
421	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASME Sec IX
422	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASTM E 340
423	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASTM E 381
424	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	ASTM E 407
425	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	BS EN ISO 15614 - 1
426	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	BS EN ISO 17639
427	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Macro Examination	IS 11371
428	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	ASM Handbook Metallography & Microstructure Vol. 9
429	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	ASTM E 407
430	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 15614 - 1
431	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 17781
432	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	IS 1865
433	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Microstructure Analysis	SEP 1520
434	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	ASTM B 487
435	MECHANICAL-METALLOGRAPHY TEST	Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	IS 3203

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436	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Susceptibility of Intergranular Corrosion Test (Method A)	ASTM G 28
437	MECHANICAL-METALLOGRAPHY TEST	Nickel Rich Chromium Bearing Alloys	Susceptibility of Intergranular Corrosion Test (Method B)	ASTM G 28
438	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals	Thickness of Coating (Microscopic Method)	ASTM B 487
439	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	ASTM E 112
440	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Average Grain Size (Comparison Method)	IS 4748
441	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	ASTM E1077
442	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	IS 6396
443	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Determination of depth of decarburized layer in steel (Microscopic Method)	ISO 3887
444	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	ASME Sec IX
445	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	ASTM E 340
446	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	ASTM E 381
447	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	ASTM E 407
448	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	BS EN ISO 15614 - 1
449	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	BS EN ISO 17639
450	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Macro Examination	IS 11371
451	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	ASM Handbook Metallography & Microstructure Vol. 9
452	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	ASTM E 407
453	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 15614 - 1

SCOPE OF ACCREDITATION

Laboratory Name : PATSON TESTING SERVICES, PAP R 398, RABALE, MIDC, NAVI MUMBAI, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 31/07/2021 to 30/07/2023 **Last Amended on** 13/09/2021

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
454	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	BS EN ISO 17781
455	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	IS 1865
456	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Microstructure Analysis	SEP 1520
457	MECHANICAL-METALLOGRAPHY TEST	Non Ferrous Metals & Alloys	Thickness of Coating (Microscopic Method)	IS 3203
458	MECHANICAL-METALLOGRAPHY TEST	Resistance to Intergranular corrosion for Ferritic-Austenitic (Duplex Stainless Steel)	Method-A	ISO 3651 (Part 2)
459	MECHANICAL-METALLOGRAPHY TEST	Resistance to Intergranular corrosion for Ferritic-Austenitic (Duplex Stainless Steel)	Method-B	ISO 3651 (Part 2)
460	MECHANICAL-METALLOGRAPHY TEST	Resistance to Intergranular corrosion for Ferritic-Austenitic (Duplex Stainless Steel)	Method-C	ISO 3651 (Part 2)
461	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Crevice Corrosion Test Method B	ASTM G 48
462	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Crevice Corrosion Test Method B	BS EN ISO 17781
463	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Crevice Corrosion Test Method D	ASTM G 48
464	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Crevice Corrosion Test Method D	BS EN ISO 17781
465	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Pitting Corrosion Test Method C	ASTM G 48
466	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Critical Pitting Corrosion Test Method C	BS EN ISO 17781
467	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Pitting Corrosion Test Method A	ASTM G 48
468	MECHANICAL-METALLOGRAPHY TEST	Stainless Steel & Related Alloys	Pitting Corrosion Test Method A	BS EN ISO 17781