National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : JAYASREE REVA PHOENIX METROLOGY PRIVATE LIMITED, REVA COMPLEX, NO.14, 4TH STREET, RAJARAJESWARI NAGAR, MADIPAKKAM, CHENNAI, TAMIL NADU, INDIA

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S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	High Strength deformed steel bars	Re-Bend Test	IS 1786
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Elongation	ASTM E8/E8M
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Elongation	IS 1608 (Part 1)
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Elongation	ISO 6892 - 1
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Offset Proof Strength	ASTM E8/E8M
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Offset Proof Strength	IS 1608 (Part 1)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Offset Proof Strength	ISO 6892 - 1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Reduction in Area	ASTM E8/E8M
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Reduction in area	IS 1608 (Part 1)
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	% Reduction in Area	ISO 6892 - 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Bend Test	IS 1599
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 10/3000	ASTM E10
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 10/3000	IS 1500 (Part 1)

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 10/3000	ISO 6506-1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 5/750	ASTM E10
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 5/750	IS 1500 (Part 1)
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Brinell Hardness - HBW 5/750	ISO 6506-1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Charpy Impact (Ambient to -50 and -196 °C)	ASTM E23
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic Materials	Charpy Impact (Ambient to -50 and -196 °C)	ISO 148 - 1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV 0.3)	ASTM E384
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV 0.3)	IS 1501 (Part 01)
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV 0.3)	ISO 6507 -1
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV 0.5)	ISO 6507-1
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV0. 5)	ASTM E384
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - (HV0. 5)	IS 1501 (Part 1)
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - HV1	ASTM E384

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27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - HV1	IS 1501 (Part 1)
28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Micro Vickers Hardness - HV1	ISO 6507-1
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRA	ASTM E18
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRA	IS 1586 (Part 1)
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRA	ISO 6508-1
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRBW	ASTM E18
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRBW	IS 1586 (Part 1)
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRBW	ISO 6508-1
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRC	ASTM E18
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRC	IS 1586 (Part 1)
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Rockwell Hardness - HRC	ISO 6508-1
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Strength	ASTM E8/E8M
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Strength	IS 1608 (Part 1)

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40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Tensile Strength	ISO 6892 - 1
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV10	ASTM E92
42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV10	IS 1501 (Part 1)
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV10	ISO 6507-1
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV30	ASTM E92
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV30	IS 1501 (Part 1)
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Vickers Hardness - HV30	ISO 6507-1
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Yield Strength	ASTM E8/E8M
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Yield Strength	IS 1608 (Part 1)
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Metallic materials	Yield Strength	ISO 6892 - 1
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Elongation	ASTM E8/E8M
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Elongation	IS 1608 (Part 1)
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Elongation	ISO 6892 - 1

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53	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Offset Proof Strength	ASTM E8/E8M
54	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Offset Proof Strength	IS 1608 (Part 1)
55	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Offset Proof Strength	ISO 6892 - 1
56	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Reduction in Area	ASTM E8/E8M
57	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Reduction in Area	IS 1608 (Part 1)
58	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	% Reduction in Area	ISO 6892 - 1
59	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Bend Test	IS 1599
60	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.3	ASTM E384
61	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.3	IS 1501 (Part 1)
62	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.3	ISO 6507-1
63	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.5	ASTM E384
64	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.5	IS 1501 (Part 1)
65	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV0.5	ISO 6507-1

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66	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV1	ASTM E384
67	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV1	IS 1501 (Part 1)
68	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Micro Vickers Hardness - HV1	ISO 6507
69	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRA	ASTM E18
70	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRA	IS 1586 (Part 1)
71	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRA	ISO 6508-1
72	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRBW	ASTM E18
73	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRBW	IS 1586 (Part 1)
74	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Rockwell Hardness - HRBW	ISO 6508 - 1
75	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Tensile Strength	ASTM E8/E8M
76	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Tensile Strength	IS 1608 (Part 1)
77	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Tensile Strength	ISO 6892 - 1
78	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV10	ASTM E92

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79	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV10	IS 1501 (Part 1)
80	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV10	ISO 6507-1
81	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV30	ASTM E92
82	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV30	IS 1501 (Part 1)
83	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Vickers Hardness - HV30	ISO 6507-1
84	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Yield Strength	ASTM E8/E8M
85	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Yield Strength	IS 1608 (Part 1)
86	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Other Non-Ferrous metals, alloys & products	Yield Strength	ISO 6892 - 1
87	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes & Tubes	Crush Test	ASTM A370
88	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Pipes & Tubes	Flattening Test	ASTM A370
89	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel Tubes	Flaring Test	ASTM A370
90	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	% Elongation	ASTM A370
91	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	% Offset Proof Strength	ASTM A370

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92	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	% Reduction in Area	ASTM A370
93	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	% Reduction in Area	ASTM A370
94	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Bend Test	ASTM A370
95	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Charpy Impact (Ambient to -46 and -196 °C)	ASTM A370
96	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Charpy Impact (Ambient to -50 and -196 °C)	ASTM A370
97	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Charpy Impact (Ambient to -50 and -196 °C)	ASTM A370
98	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Rockwell Hardness - HRBW	ASTM A370
99	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Rockwell Hardness - HRC	ASTM A370
100	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Tensile Strength	ASTM A370
101	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Steel, Stainless Steel and Related Alloys	Yield Strength	ASTM A370
102	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Tubes	Drift Expansion Test	IS 2335
103	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Bend Test - Face / Root / Side Bend	ASME SEC IX
104	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Bend Test - Face / Root / Side Bend	BS EN ISO 5173

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105	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Bend Test - Face/Root/Side Bend	ISO 5173
106	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Fracture Test	ASME SEC IX
107	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Fracture Test	AWS D1.1
108	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Tensile Strength	ASME (Sec IX)
109	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Ultimate Tensile Strength	AWS D1.1/D1.1M
110	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Weld in metals	Ultimate Tensile Strength	ISO 4136