National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : INDUSTRIAL ENGINEERING CORPORATION, HARSH BLDG, GALA NO. 4, PUJA INDUSTRIAL COMPLEX, WALIV PHATA, SATIVALI RD, VASAI EAST, VASAI, PALGHAR, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10695 **Page No** 1 of 4

Validity 14/06/2022 to 13/06/2024 **Last Amended on** -

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material - Fasteners - Nut	Proof Load Test	ASME SA370/ ASTM A370
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material - Fasteners - Nut	Proof Load Test	ISO 898 (Part 2)
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	ASME SA370/ ASTM A370
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	ISO 6508 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	ASTM E18
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	IS 1586 (Part 1)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	ASME SA370/ ASTM A370
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	IS 1586 (Part 1)
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	ISO 6508 (Part 1)
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	ASTM E18
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Elongation	ASME SA370/ ASTM A370
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Elongation	ASTM E8/E8M
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Elongation	IS 1608 (Part 1)

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Elongation	ISO 6892 (Part 1)
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Reduction Area	ASME SA370/ ASTM A370
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Reduction Area	ASTM E8/E8M
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Reduction Area	BS EN ISO 6892-1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	% Reduction Area	IS 1608 (Part 1)
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	0.2% Proof Stress	ASME SA370/ ASTM A370
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	0.2% Proof Stress	ASTM E8/E8M
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	0.2% Proof Stress	BS EN ISO 6892-1
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	0.2% Proof Stress	IS 1608 (Part 1)
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Ultimate Tensile Strength	ASME SA370/ ASTM A370
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Ultimate Tensile Strength	ASTM E8/E8M
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Ultimate Tensile Strength	BS EN ISO 6892-1
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Ultimate Tensile Strength	IS 1608 (Part 1)
27	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Yield Stress	ASME SA370/ ASTM A370

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28	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Yield Stress	ASTM E8/E8M
29	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Yield Stress	BS EN ISO 6892-1
30	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material, Alloys & Products (10 to 1000 kN)	Yield Stress	IS 1608 (Part 1)
31	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material- Fasteners - Nut	Proof Load Test	IS 1367 (Part 6)
32	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	ASTM E18
33	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	IS 1586 (Part 1)
34	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRBW	ISO 6508 (Part 1)
35	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	ASTM E18
36	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	IS 1586 (Part 1)
37	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Rockwell Hardness Test - HRC	ISO 6508 (Part 1)
38	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Ultimate Tensile Strength	ASTM E8/E8M
39	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Ultimate Tensile Strength	BS EN ISO 6892-1
40	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products	Ultimate Tensile Strength	IS 1608 (Part 1)
41	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Elongation	ASTM E8/E8M

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42	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Elongation	BS EN ISO 6892-1
43	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Elongation	IS 1608 (Part 1)
44	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Reduction Area	ASTM E8/E8M
45	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Reduction Area	BS EN ISO 6892-1
46	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	% Reduction Area	IS 1608 (Part 1)
47	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	0.2% Proof Stress	ASTM E8/E8M
48	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	0.2% Proof Stress	IS 1608 (Part 1)
49	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	0.2% Proof Stress	BS EN ISO 6892-1
50	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	Yield Stress	ASTM E8/E8M
51	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	Yield Stress	BS EN ISO 6892-1
52	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous Material, Alloys & Products (10 kN to 1000 kN)	Yield Stress	IS 1608 (Part 1)