



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

MUKAND TEST LABS, THANE-BELAPUR ROAD, POST KALWE, THANE,
MAHARASHTRA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-4064

Page No

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Validity

19/04/2025 to 18/04/2029

Last Amended on 20/05/2025

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 Testing				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (10/3000)	ASTM E10
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (10/3000)	IS 1500 Part 1
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (10/3000)	ISO 6506-1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (5/750)	ASTM E10
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (5/750)	IS 1500 Part 1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness (5/750)	ISO 6506-1
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Charpy Impact Test at Room Temperature	IS 1757 Part 1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Izod Impact Test at Room Temperature	IS 1598
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - B Scale	ASTM E18
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - B Scale	IS 1586 Part 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - B Scale	ISO 6508-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - C Scale	ASTM E18
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - C Scale	IS 1586 Part 1
14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - C Scale	ISO 6508-1



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15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Elongation	ASTM E8
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Elongation	IS 1608 Part 1
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Elongation	ISO 6892-1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Reduction in Area	ASTM E8
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Reduction in Area	IS 1608 Part 1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing - % Reduction in Area	ISO 6892-1
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ASTM E8
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	IS 1608 Part 1
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ISO 6892-1
24	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Yield Strength (0.2% Proof)	ASTM E8
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Yield Strength (0.2% Proof)	IS 1608 Part 1
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Yield Strength (0.2% Proof)	ISO 6892-1
27	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Depth of Decarburization (Microscopic Method)	ASTM E1077
28	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	General Microstructure Examination	ASM Handbook Vol.9
29	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Grain Size No. (Comparison Method)	ASTM E112
30	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Grain Size No. (Comparison Method)	IS 4748

This is annexure to 'Certificate of Accreditation' and does not require any signature.



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31	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic Inclusion Rating (Method A)	ASTM E45
32	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic Inclusion Rating (Method A)	IS 4163
33	MECHANICAL-METALLOGRAPHY TEST	Wire Rods, Bars & Bright Bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic Inclusion Rating (Method A)	ISO 4967