National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MUKAND TEST LABS, MUKAND LTD., TSD-BAR MILL LAB, THANE-BELAPUR ROAD, POST KALWE, THANE, MAHARASHTRA, INDIA

Accreditation Standard ISO/IEC 17025:2017

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Validity 19/04/2023 to 18/04/2025 **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
LOCATION 1-MUKAND LTD., TSD-BAR MILL LAB, THANE-BELAPUR ROAD, POST KALWE, THANE, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Charpy Impact Test @ RT	IS 1757 (Part-1)
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Izod Impact Test @ RT	IS 1598
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 10/3000	ASTM E10
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 10/3000	IS 1500 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 10/3000	ISO 6506-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 5/750	ASTM E10
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 5/750	IS 1500 (Part 1)
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Brinell Hardness- 5/750	ISO 6506-1
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, 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, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - B Scale	IS 1586 - 1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, 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, wires, 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, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - C Scale	IS 1586-1

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness - C Scale	ISO 6508-1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ASTM E8/E8M
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	IS 1608-1
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ISO 6892-1
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Reduction Area	ASTM E8/E8M
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Reduction Area	IS 1608-1
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Reduction Area	ISO 6892-1
21	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ASTM E8/E8M
22	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	IS 1608-1
23	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, 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, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Yield Strength (0.2% Proof)	ASTM E8/E8M
25	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Yield Strength (0.2% Proof)	IS 1608-1
26	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, 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, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Depth of De-carburization (Microscopic Method)	ASTM E1077

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28	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	General Microstructure	ASM Handbook Vol. 9
29	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Grain Size No. (Comparison Method)	IS 4748
30	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic inclusion rating	DIN 50603
31	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic inclusion rating (Method A)	IS 4163
32	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars & bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic inclusion rating (Method A)	ISO 4967

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LOCATION 2 - MUKAND LTD., BBD-QA LAB, THANE-BELAPUR ROAD, POST KALWE, THANE, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	BrinellHardness- 5/750	ISO 6506-1
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ASTME8/E8M
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	IS 1608-1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ISO 6892-1
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For ReductionArea	ASTM E8/E8M
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For ReductionArea	IS 1608-1
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For ReductionArea	ISO 6892-1
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ASTM E8/E8M
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	IS 1608-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ISO 6892-1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wirerods, wires, bars &bright bars of Stainless Steel, Carbon Steeland Alloy Steel	BrinellHardness- 5/750	ASTM E10
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wirerods, wires, bars &bright bars of Stainless Steel, Carbon Steeland Alloy Steel	BrinellHardness- 5/750	IS 1500 (Part 1)

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LOCATION 3 - MUKAND LTD., TSD-WRM LAB, THANE-BELAPUR ROAD, POST KALWE, THANE, MAHARASHTRA, INDIA Permanent Facility				
1	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness B-Scale	ASTM E18
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness B-Scale	IS 1586-1
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness B-Scale	IS 6508-1
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness C-Scale	ASTM E18
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness C-Scale	IS 1586-1
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Rockwell Hardness C-Scale	IS 6508-1
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ASTM E8/E8M
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	IS 1608-1
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Elongation	ISO 6892-1
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Reduction Area	IS 1608-1
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Reduction Area	ISO 6892-1
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For ReductionArea	ASTM E8/E8M
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ASTM E8/E8M

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Laboratory Name :	MUKAND TEST LABS, MUKAND LTD., TSD-BAR MILL LAB, THANE-BELAPUR ROAD, POST KALWE, THANE, MAHARASHTRA, INDIA		
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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	IS 1608-1
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Tensile Testing For Ultimate Tensile Strength	ISO 6892-1
16	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Depth of De-carburization (Microscopic Method)	ASTM E1077
17	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	General Microstructure	ASMHandbook Vol. 9
18	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Grain Size No. (Comparison Method)	IS 4748
19	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic inclusion rating (Method A)	ISO 4967
20	MECHANICAL-METALLOGRAPHY TEST	Wire rods, wires, bars &bright bars of Stainless Steel, Carbon Steel and Alloy Steel	Non-metallic inclusion rating (Method A)	IS 4163