National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : MTL, 510 ARMY BASE WORKSHOP, MEERUT CANTT, MEERUT, UTTAR PRADESH, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5153 **Page No** 1 of 2

Validity 31/01/2022 to 30/01/2024 **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 materials, alloys & products	Brinell Hardness HBW 10/3000	IS 1500 (Part 1)
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Brinell Hardness HBW 5/750	IS 1500 (Part 1)
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Micro Vickers Hardness HV 0.2	IS 1501 (Part 1)
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Micro Vickers Hardness HV 0.3	IS 1501 (Part 1)
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Micro Vickers Hardness HV 0.5	IS 1501 (Part 1)
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Rockwell Hardness HRC	IS 1586 (Part 1)
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness HV 10	IS 1501 (Part 1)
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials, alloys & products	Vickers Hardness HV 5	IS 1501 (Part 1)
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous materials,alloys & products	Vickers Hardness HV 30	IS 1501 (Part 1)
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Helical Springs	Spring Compression test	IS 7906 (Part 8)
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Micro Vicker Hardness HV 0.3	IS 1501 (Part 1)
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Non-Ferrous metals, alloys & products	Vickers Hardness HV 5	IS 1501 (Part 1)
13	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized rubber material	Elongation at break %	IS 3400 (Part 1)
14	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized rubber material	Tensile Strength	IS 3400 (Part 1)

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15	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized rubber material & products	Density	IS 3400 (Part 9)
16	MECHANICAL- RUBBER AND RUBBER PRODUCTS	Vulcanized rubber material & products	Shore A Hardness	IS 3400 (Part 23/Section 1)