National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : CALIBRATION AND TESTING LABORATORY, USUI SUSIRA INTERNATIONAL PVT. LTD, G-16, FIRST MAIN ROAD, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5247 **Page No** 1 of 2

Validity 29/01/2022 to 28/01/2024 **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 Material	Brinell Hardness Test	IS 1500-Part1
2	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Elongation	ASTM A370 & E8/E8M
3	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Estimation of grain size	ASTM E112
4	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Micro Hardness 1kgf	ASTM E384-e1
5	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Micro structure	ASM Hand Book volume 9 & ASTM E3
6	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Rock well Hardness Test	ASTM E18
7	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous material	Ultimate Tensile Strength	ASTM A370 & E8/E8M
8	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Vickers Hardness Test HV10	ASTM E92
9	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Vickers Hardness Test HV5	ASTM E92
10	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Weld product load test for ends	ISO14272
11	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Ferrous Material	Yield Strength (0.20% offset)	ASTM A370 & E8/E8M
12	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Radius & Length Measurement	Measuring Spherical dimension	MTP-01
13	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Radius & Length Measurement	Radius Measurement	MTP-01

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14	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Radius & Length Measurement	Length Measurement	MTP-01
15	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Roundness Tester	Measuring Cylindricity	IS 15372
16	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Roundness Tester	Measuring Roundness	IS 15372
17	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Surface roughness Tester	Surface Roughness (R max)	IS 3073
18	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Surface roughness Tester	Surface Roughness (Ra)	IS 3073
19	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Surface roughness Tester	Surface Roughness(Rt)	IS 3073
20	MECHANICAL-MECHANICAL PROPERTIES OF METALS	Push rod / Machined Components Surface roughness Tester	Surface Roughness(Rz)	IS 3073