



National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



SCOPE OF ACCREDITATION

Laboratory Name METAL LAB, NEW NO. 4, OLD NO.128/3, EAST VANNIER STREET, II ND FLOOR,
WEST K.K.NAGAR, CHENNAI, TAMIL NADU , INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5041 Page No. : 1 / 4

Validity 15/02/2019 to 14/02/2021 Last Amended on -

S.No	Discipline / Group	Product / Material of Test	Specific Test Performed	Test Method Specification against which tests are performed	Range of Testing/ Limits of Detection
Permanent Facility					
1	NON-DESTRUCTIVE-METALS & ALLOYS	ALUMINIUM ALLOY PLATE	ULTRASONIC TESTING	ASME SEC V Article 5 & Article 23 SB - 548: 2017	10 mm to 300 mm
2	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	LIQUID PENETRANT TESTING(VISIBLE & FLUORESCENT, SOLVENTREMOVABLE)	ASME SEC V Article 6 & Article 24. SE-165/ SE 165 M: 2017	Qualitative(Defects open to surface)
3	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS	ULTRASONIC TESTING	ASME SEC V Article 5 : 2017 / ASTM SA 609 / SA 609M - 12: 2017	15 mm to 300 mm
4	NON-DESTRUCTIVE-METALS & ALLOYS	CASTINGS SURFACE DEFECT AND SUB-SURFACE DEFECT	MAGNETIC PARTICLE TESTING (Yoke) DRY/WET(FLUORESCENT & NON - FLUORESCENT)	ASME SEC V Article 7 & Article 25 SE 709: 2017	0.0 mm to 3 mm
5	NON-DESTRUCTIVE-METALS & ALLOYS	FERROUS AND NON-FERROUS MATERIALS	ULTRASONIC THICKNESS MEASUREMENT	ASME SEC V Article 5 & Article 23 SE-797 /SE-797M: 2017	2 mm to 200 mm
6	NON-DESTRUCTIVE-METALS & ALLOYS	FORGING	ULTRASONIC TESTING	ASME SEC V Article 5 Article 23 SA 388 / SA 388M Article 23 SA 745 / SA 745M: 2017	10 mm to 500 mm
7	NON-DESTRUCTIVE-METALS & ALLOYS	FORGINGS	LIQUID PENETRANT TESTING(VISIBLE & FLUORESCENT, SOLVENTREMOVABLE)	ASME SEC V Article 6 & Article 24 SE-165 / SE-165M: 2017	Qualitative(Defects open to surface)



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9	NON-DESTRUCTIVE-METALS & ALLOYS	STEEL PLATES	ULTRASONIC TESTING	ASME SEC V Article 5 Article 23 SA 435 / SA 435M Article 23 SA 578 / SA 578M: 2017	8 mm to 300 mm
10	NON-DESTRUCTIVE-METALS & ALLOYS	WELD JOINTS	LIQUID PENETRANT TESTING (VISIBLE & FLUORESCENT, SOLVENT REMOVABLE)	ASME SEC V Article 6 & Article 24 SE-165 / SE 165 M: 2017	Qualitative (Defects open to surface)
11	NON-DESTRUCTIVE-METALS & ALLOYS	WELD JOINTS	ULTRASONIC TESTING	ASME SEC V Article 4: 2017	5 mm to 100 mm
12	NON-DESTRUCTIVE-METALS & ALLOYS	WELD JOINTS SURFACE DEFECT AND SUB-SURFACE DEFECT	MAGNETIC PARTICLE TESTING (YOKE) DRY/WET (FLUORESCENT & NON - FLUORESCENT)	ASME SEC V Article 7: & Article 25 SE 709: 2017	0.0 mm to 3 mm



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