National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : METAL LAB, NO. 5, BOOPATHY STREET, VIRUGAMBAKKAM, CHENNAI, TAMIL NADU, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-10676 **Page No** 1 of 4

Validity 09/06/2022 to 08/06/2024 **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	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Fluorescent & Non - Fluorescent, Wet, Dry)	ASME Section V (Article 7 & 25, SE 709)
2	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Fluorescent & Non - Fluorescent, Wet, Dry)	ASTM E1444
3	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Fluorescent & Non - Fluorescent, Wet, Dry)	IS 3703
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials - Welds	Magnetic Particle Testing (Yoke, Fluorescent & Non - Fluorescent, Wet, Dry)	BS EN ISO 17638
5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials - Welds	Magnetic Particle Testing (Yoke, Fluorescent & Non - Fluorescent, Wet, Dry)	IS 5334
6	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Weldments)	Ultrasonic Testing (Manual, Contact Method)	ASME Section V Article 4
7	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials	Liquid Penetrant Testing (Solvent Removable, Post Emulsifiable, Visible Fluorescent)	ASME Section V Article 6 & 24 SE 165
8	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials	Liquid Penetrant Testing (Solvent Removable, Post Emulsifiable, Visible Fluorescent)	ASTM E1417
9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials	Liquid Penetrant Testing (Solvent Removable, Post Emulsifiable, Visible Fluorescent)	IS 3658
10	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials	Liquid Penetrant Testing (Solvent Removable, Post Emulsifiable, Visible Fluorescent)	ISO 3452
11	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials	Ultrasonic Thickness (Pulse Echo Contact Method)	ASTM E797
12	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non - Ferrous Materials (Castings, Forgings and Rolled Materials)	Ultrasonic Testing (Manual, Contact Method)	ASME Section V Article 5
13	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Forging Quality Blooms)	Ultrasonic Testing (Manual, Contact Method)	IS 11626

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14	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Forging)	Ultrasonic Testing (Manual, Contact Method)	ASTM A388
15	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Plate)	Ultrasonic Testing (Manual, Contact Method)	ASTM A435
16	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Plate)	Ultrasonic Testing (Manual, Contact Method)	ASTM A578
17	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Material (Welds)	Ultrasonic Testing (Manual, Contact Method)	BS EN ISO 17640 -1
18	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous Materials (Castings, Carbon, Low Alloy, Martensitic Stainless Steels)	Ultrasonic Testing (Manual, Contact Method)	ASTM A609

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Site Facility				
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