



National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name :

TRINITY NDT WELDSOLUTIONS PRIVATE LIMITED, #491, SITE NO.12, 14TH CROSS, 4TH
PHASE, PEENYA INDUSTRIAL AREA, BENGALURU, KARNATAKA, INDIA

Accreditation Standard

ISO/IEC 17025:2017

Certificate Number

TC-5934

Page No

1 of 4

Validity

27/12/2023 to 15/11/2025

Last Amended on

02/02/2024

| 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 | Aluminium | Ultrasonic Testing (Manual, contact method) | AMS 2630 B |
| 2 | NON-DESTRUCTIVE-METALS & ALLOYS | Aluminium | Ultrasonic Testing (Manual, contact method) | AMS 2632 B |
| 3 | NON-DESTRUCTIVE-METALS & ALLOYS | Aluminium | Ultrasonic Testing (Manual, Contact method) | ASTM B 594 |
| 4 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferro Magnetic Materials | Magnetic Particle Testing (Yoke, Prod, Headshot, Coil, Central Conductor, Fluorescent, Non-fluorescent, Wet) | ASME Sec V (Article 7) |
| 5 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferro-Magnetic Material | Magnetic Particle Testing (Head Shot, Coil, Central conductor, Fluorescent, Wet) | ASTM E 1444 |
| 6 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferro-Magnetic Material | Magnetic Particle Testing (Prod, Yoke, Coil, Head Shot, Central Conductor, Non Fluorescent & Fluorescent, Wet) | ASTM A 275 |
| 7 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferro-Magnetic Material | Magnetic Particle Testing (Yoke, Prod, Headshot, Coil, Central Conductor, Fluorescent, Non-fluorescent, Wet) | ASME Section V (Article 7 and 25, SE 709) |
| 8 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non Ferrous Material | Liquid Penetrant Testing (Water washable, Post Emulsifiable, Solvent Removable, Fluorescent Penetrants) | ASTM E 1417 |
| 9 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (tube) | Ultrasonic Testing (Manual, Contact method) | ASME SEC V (Article 23 SE 213) |
| 10 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material | Ultrasonic Thickness | ASTM E 797 |
| 11 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (tube weld) | Ultrasonic Testing (Manual, Contact method) | ASME SEC V (Article 23 SE 273) |
| 12 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (Castings, forgings and rolled materials) | Ultrasonic Testing (Manual, Contact method) | ASME SEC V (Article 5) |
| 13 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (Weldments) | Ultrasonic Testing (Manual, Contact method) | ASME SEC V (Article 4) |



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| 14 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (Welds) | Radiography Test (X-ray, Film) | ASTM E 1032 |
| 15 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (Welds, Forging and Castings) | Radiography Test (X-ray, Ir-192, Film) | ASME SEC V (Article 22 SE94) |
| 16 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material (Welds, Forging and Castings) | Radiography Testing (X-Ray, Ir-192, Film) | ASME Sec V (Article 2) |
| 17 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non Ferrous material | Liquid Penetrant Testing (Water Washable, Post Emulsifiable, Solvent Removable, Fluorescent & Visible Penetrants) | ASME Sec V (Article 6) |
| 18 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non Ferrous Material | Liquid Penetrant Testing (Water washable, Post Emulsifiable, Solvent removable, Fluorescent& Visible Penetrants) | ASME Sec V (Article 24 SE 165) |
| 19 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non- ferrous Materials (casting, weld, forging) | Eddy Current Testing | ASME Section V (Article 8) |
| 20 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non- ferrous Materials (Castings) | Radiography Test (X-Ray,Ir-192, Film) | ASTM E 1030 |
| 21 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-Ferrous Material | Radiography Test (X- Ray ,Ir-192, Film) | ASTM E1742 |
| 22 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous and Non-ferrous Materials | Liquid Penetrant Testing (Solvent removable, Visible Penetrant) | ASTM E 1220 |
| 23 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Material (Plate) | Ultrasonic Testing Ultrasonic Testing (Manual, Contact method) | ASTM A435 |
| 24 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Material (Plate) | Ultrasonic Testing Ultrasonic Testing (Manual, Contact method) | ASTM A578 |
| 25 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Material (Castings) | Ultrasonic Testing (Manual, Contact method) | ASTM A 609 |
| 26 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Material (Forging) | Ultrasonic Testing (Manual, Contact method) | ASTM A388 |
| 27 | NON-DESTRUCTIVE-METALS & ALLOYS | Ferrous Materials | Eddy Current Testing (Material sorting) | ASTM E 566 |
| 28 | NON-DESTRUCTIVE-METALS & ALLOYS | Non- ferrous Materials | Eddy Current Testing (Material sorting) | ASTM E 703 |



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