National Accreditation Board for Testing and Calibration Laboratories

SCOPE OF ACCREDITATION

Laboratory Name : TRINITY NDT ENGINEERS, #491, SITE NO.12, 14TH CROSS, 4TH PHASE, PEENYA INDUSTRIAL AREA, BENGALURU, BENGALURU URBAN, KARNATAKA, INDIA

Accreditation Standard ISO/IEC 17025:2017

Certificate Number TC-5934 **Page No** 1 of 4

Validity 16/11/2021 to 15/11/2023 **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	Aluminium	Ultrasonic Testing (Manual, contact method)	AMS 2630 B
2	NON-DESTRUCTIVE-METALS & ALLOYS	Aluminium	Ultrasonic Testing (Manual, Contact method)	ASTM B 594
3	NON-DESTRUCTIVE-METALS & ALLOYS	Aluminium	Ultrasonic Testing (Manual, Immersion method)	AMS 2632 B
4	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro Magnetic Materials	Magnetic Particle Testing (Yoke, Prod, Headshot, Coil, Central Conductor, Fluorescent, Non-fluorescent, Wet)	ASME Sec V Art 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 Art 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 Art 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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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
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 Art 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 Art 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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Site Facility				
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5	NON-DESTRUCTIVE-METALS & ALLOYS	Ferro-Magnetic Material	Magnetic Particle Testing (Head Shot, Coil, Central conductor, Fluorescent, Wet)	ASTM E 1444
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9	NON-DESTRUCTIVE-METALS & ALLOYS	Ferrous and Non-Ferrous Material (tube)	Ultrasonic Testing (Manual, Contact method)	ASME SEC V Art 23 SE 213
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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)
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