



TRINITY NDT WELDSOLUTIONS PRIVATE LIMITED

Aerospace NDT Services | Centre of Excellence in Welding | Training



ISO17025 and NADCAP Accredited Aerospace NDT Labs

Making the World Better and Safer for Quality Life

www.trinityndt.com



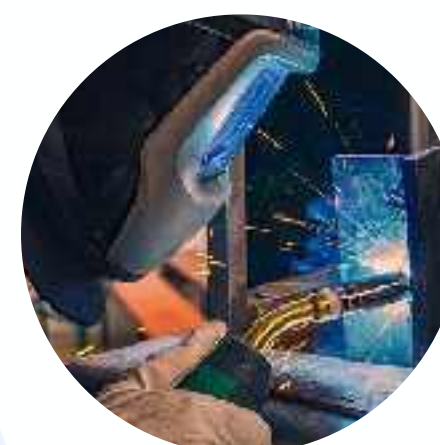
Aerospace NDT Labs

NABL & NADCAP Accredited Aerospace & General NDT Testing Labs at Bangalore, India



Advanced NDT Solutions

Advanced NDT Testing facility for Phased Array, TOFD, TFM, Corrosion mapping, Computed Radiography of engineering materials, components, welds



Centre of Excellence in Welding

A Unique Facility providing Welding Services including WPS, Welder Qualifications, Calibration of equipment, Consulting services and Training of Welders



Training & Certifications

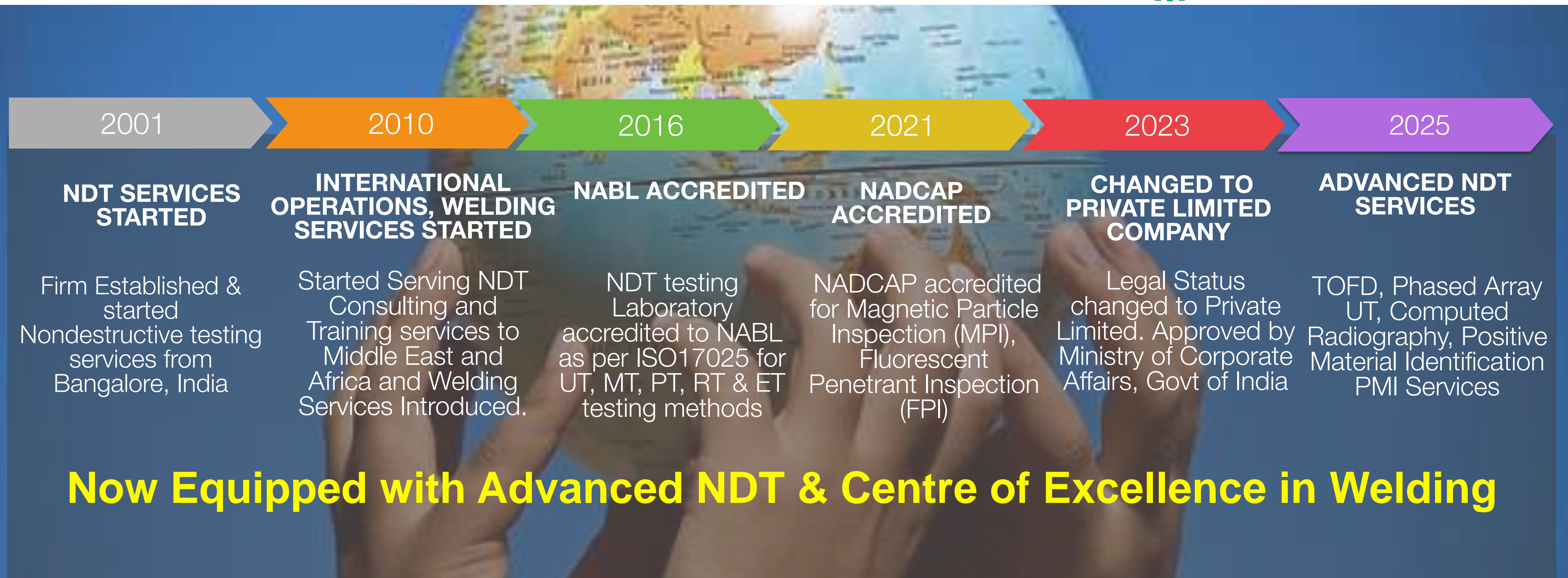
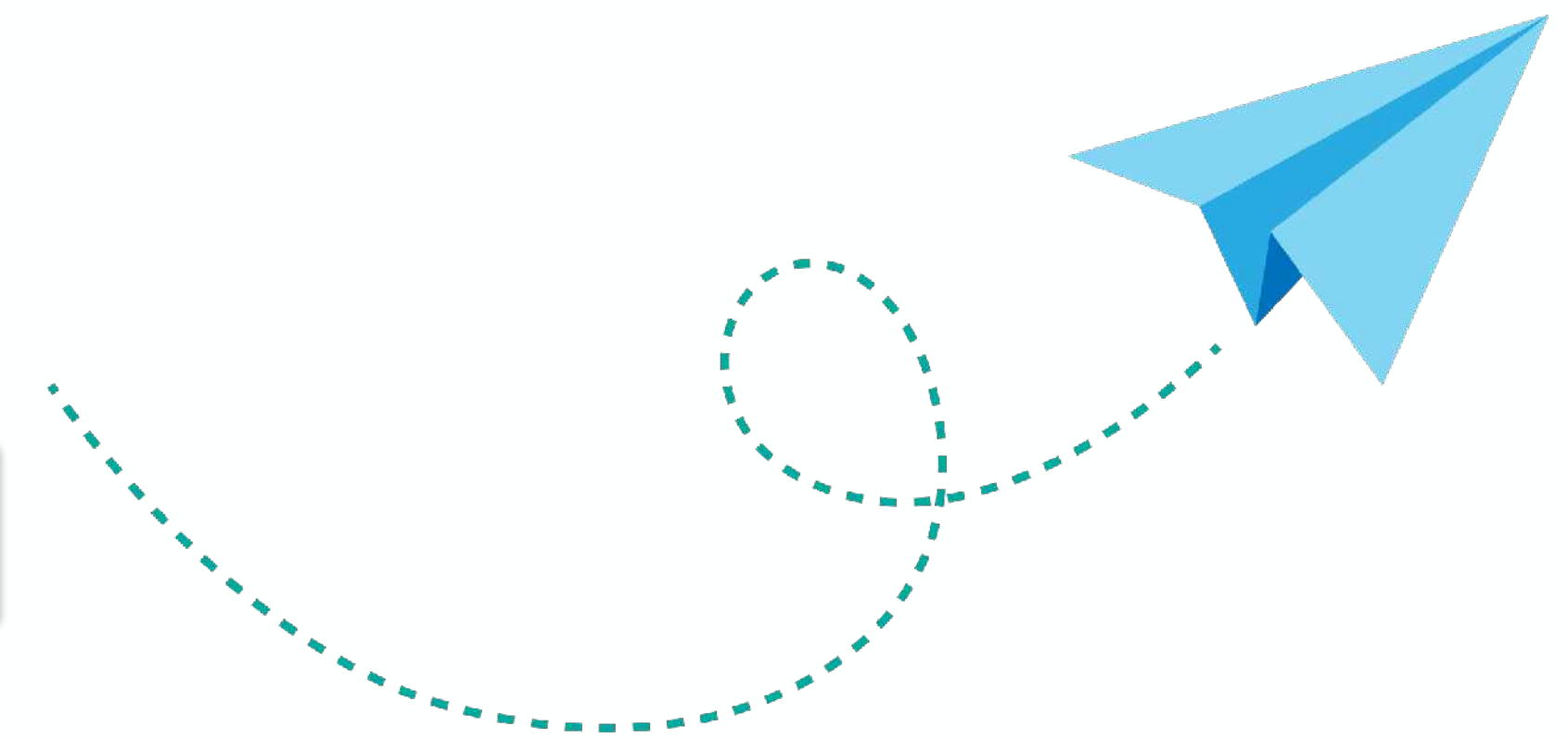
A World Class NDT & Welding Training & Certifications Centre serving participants from over 42 Countries





Services Growth

Time Line



Ranked in ET Rise - 10 Top performing MSMEs in India 2021



INDIA'S TOP PERFORMING MSMEs

RANK 1	PIXEL SOFTEK PVT LTD
RANK 2	ASIAN CONSULTING ENGINEERS PVT LTD
RANK 3	SENSA CORE MEDICAL INSTRUMENTATION PVT LTD
RANK 4	CLAIRVOYANT INDIA PVT LTD
RANK 5	RITE WATER SOLUTIONS (INDIA) PVT LTD
RANK 6	ENKEBEE INFRATECH INDIA PVT LTD
RANK 7	MINIMAC SYSTEMS PVT LTD
RANK 8	GLOBAL ENGINEERS LIMITED
RANK 9	PLASTI SURGE INDUSTRIES PVT LTD
RANK 10	TRINITY NDT ENGINEERS

Sell Global Partner

Banking Partner

State Partner

Assessment Partner

Rising with Quality Services

The Finest recognition from India's Leading Business Daily at much followed MSME Rankings 2021 - Ranking India's BEST

Sreshta Udyama Seva Puraskar 2022 MSME Award from Laghu Udyog Bharati



Receiving award from Shri Murugesh Nirani, Hon'ble Minister for Medium & Large Industries, Government of Karnataka

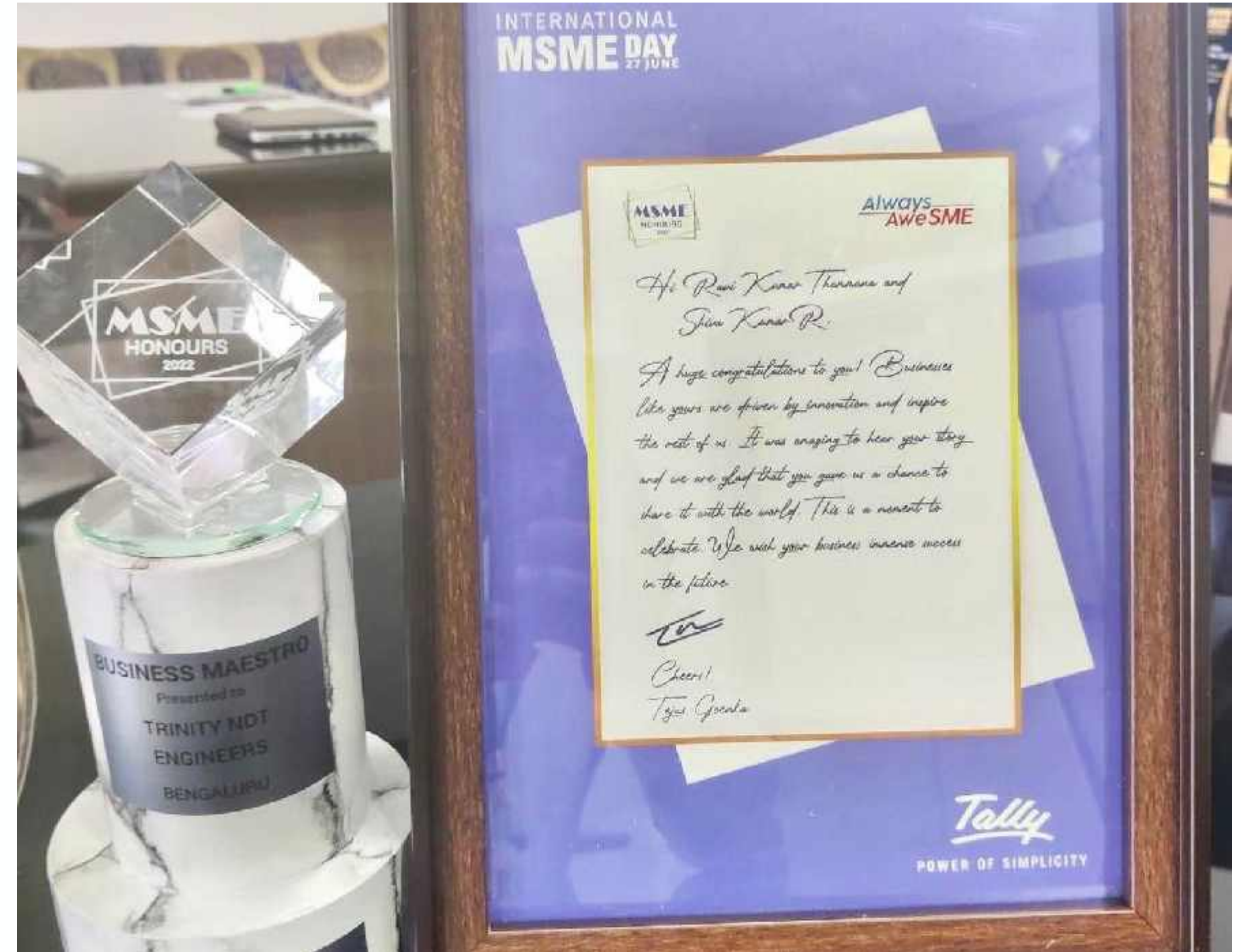


Felicitation of Trinity NDTian from Shri Sunil Kumar, Minister for Kannada & Culture and Energy Dept Government of Karnataka

‘Business Maestro 2022’ MSME Award from Tally Solutions



Receiving Business Maestro Award from Tally Solutions for the Year 2022



Award and Recitation

NDT Services Approved by Hindustan Aeronautics Ltd (HAL)

- NDT Testing Services
- Consulting
- Welder Qualifications
- Training



Trinity NDT is an approved NDT Services Provider for Hindustan Aeronautics Ltd (HAL), Bangalore, India

Trinity NDT Aerospace NDT labs are Nadcap accredited



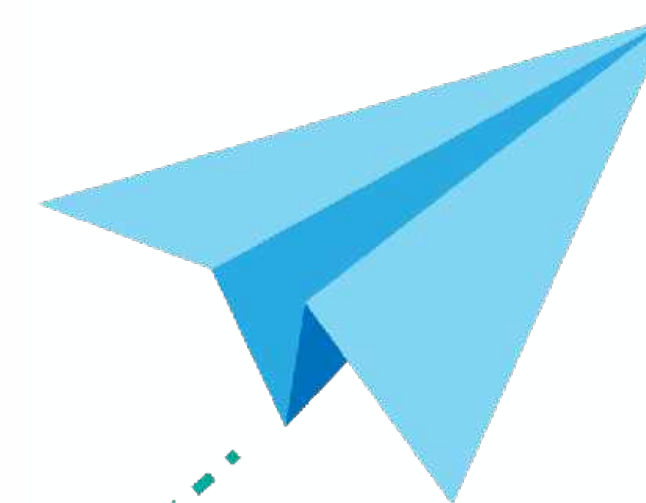
Magnetic Particle Testing

MPI testing Labs have complete ranging of testing facility and expertise to deliver quality services



Fluorescent Penetrant testing

A dedicated FPI testing Lab for testing Aerospace components using Method A, B, D upto Level 4 Sensitivities





National Accreditation Board for
Testing and Calibration Laboratories

CERTIFICATE OF ACCREDITATION

TRINITY NDT WELDSOLUTIONS PRIVATE LIMITED

has been assessed and accredited in accordance with the standard

ISO/IEC 17025:2017

**"General Requirements for the Competence of Testing &
Calibration Laboratories"**

for its facilities at

#491, SITE NO.12, 14TH CROSS, 4TH PHASE, PEENYA INDUSTRIAL AREA, BENGALURU, KARNATAKA,
INDIA

in the field of

TESTING

Certificate Number: TC-5934

Issue Date: 16/11/2025

Valid Until: 15/11/2029

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued
satisfactory compliance to the above standard & the relevant requirements of NABL.
(To see the scope of accreditation of this laboratory, you may also visit NABL website www.nabl-india.org)

Name of Legal Entity: TRINITY NDT WELDSOLUTIONS PRIVATE LIMITED

Signed for and on behalf of NABL



Srikanth R
Srikanth R
Director

Chakravarthy T. Kannan
Chakravarthy T. Kannan
Chief Executive Officer

NABL ISO17025:2017 accredited NDT Labs



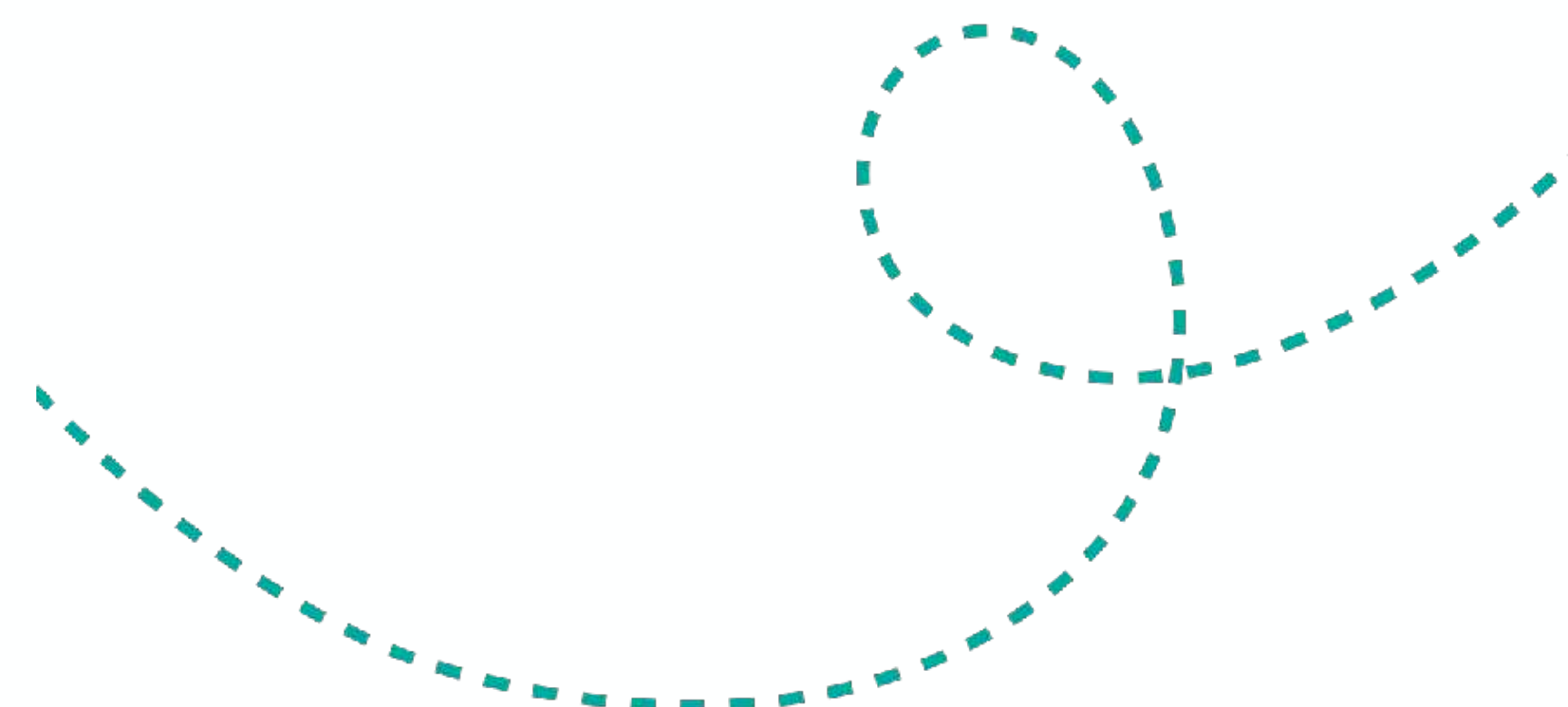
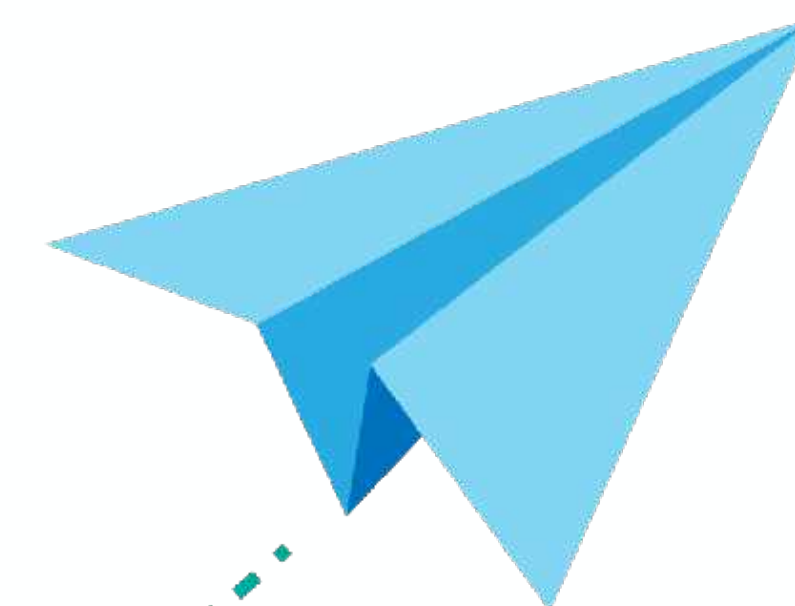
Ultrasonic Testing

Radiography Testing

Magnetic Particle
testing

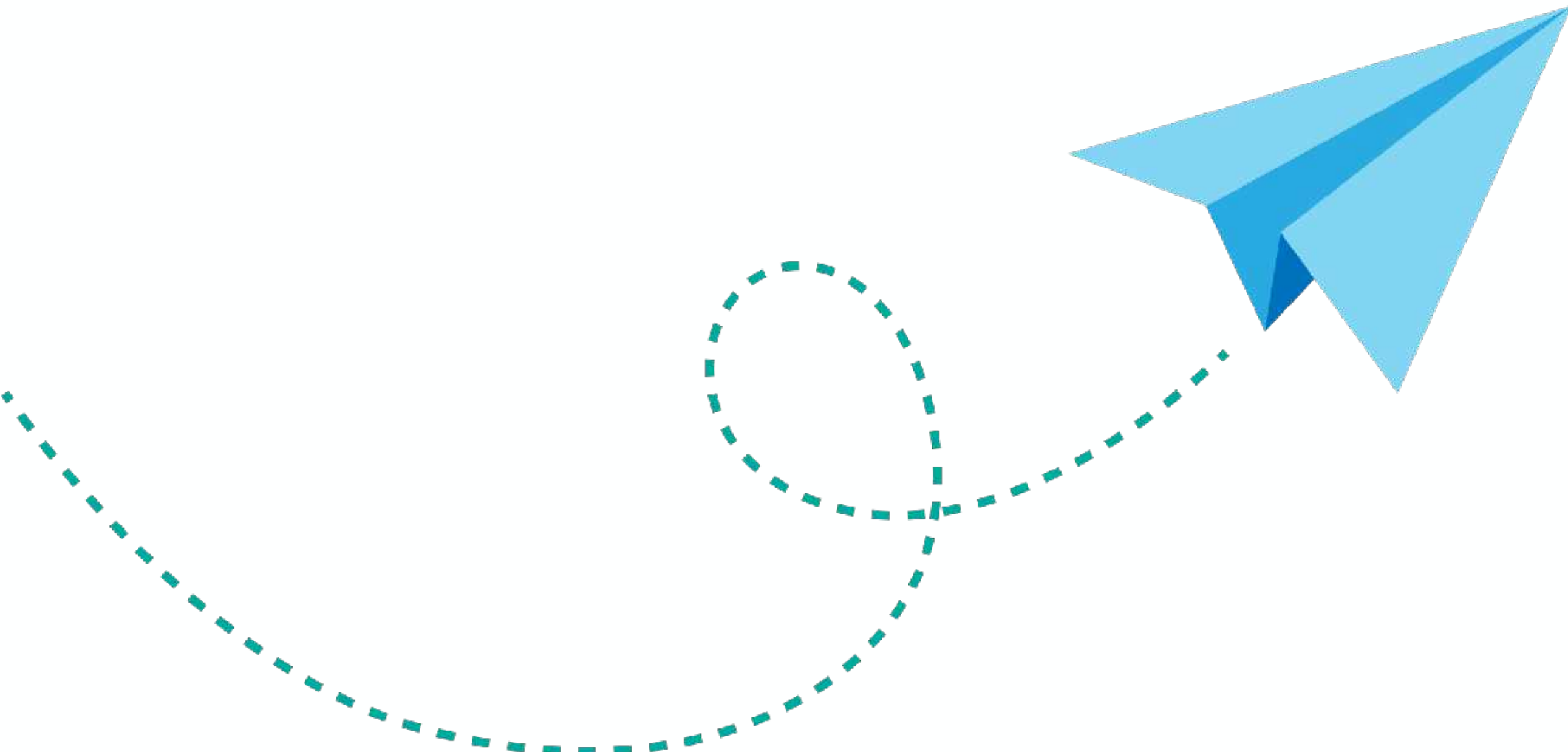
Penetrate Testing

Eddy Current Testing





ISO9001:2015 Certified Company



Facility Approved by Dassault Aviation, France



All NDT methods are approved by Dassault Aviation.

TRINITY NDT can perform these inspections at their Bengaluru facility and offer NDT agents to perform inspections at the DRAL site in Nagpur.

The TRINITY NDT Training and Certification Center is recognized by Dassault Aviation and can be used to certify NDT operators at the DRAL facility

**Trinity NDT is an approved NDT Services & Training services Provider for
M/s. Dassault Aviation, France and India**



Indian Boiler Regulations IBR Approved Testing Services

- ESTABLISHING WPS
- WELDER QUALIFICATIONS
- NONDESTRUCTIVE TESTING
- DESTRUCTIVE TESTING



Approved by Directorate of
Factories, Boilers,
Industrial Safety & Health,
Government of Karnataka,
India

Serving Indian Railways on NDT, Welding & Training

- NDT Testing Services
- Consulting
- Welder Qualifications
- Training

Trinity NDT has successfully completed Third party inspection, NDT, Welders' Qualification & Welding Inspection of Composite Girder Works for South Western Railways (Indian Railways)

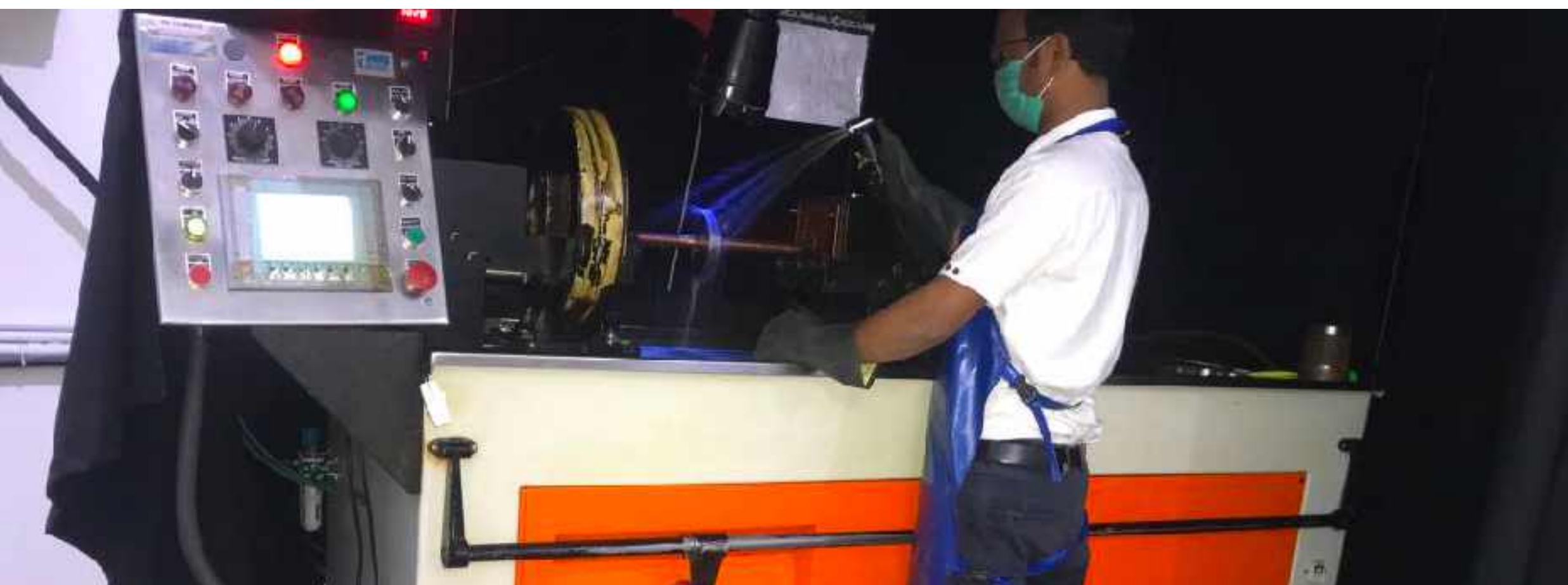


Aerospace NDT Services - NADCAP Accredited Labs



**Complete Aerospace
NDT testing
Solutions on MPI &
FPI testing.**

MPI testing Services - NADCAP Accredited Labs



Magnetic Particle Inspection -MPI Testing

**Procedures and Equipment that meets
ASMT E1444 & NADCAP requirements**

AC, HWDC, FWDC, Head Shot, Coil and Central Conductor technique suitable for components upto 1500mm and 6000A of current using Wet Continuous Fluorescent technique

**Fluorescent Penetrant
Inspection - FPI testing
Procedures and Equipment that
meets ASTM E 1417 and
NADCAP requirements**

Type 1, Method A & Method D , Sensitivity S2, S3
&S4 with Ultrasonic Cleaning and Nova Cleaning
Techniques



NDT Testing Services



**Comprehensive NDT
Testing Labs. NABL
ISO17025:2017
Accredited**

Ultrasonic Testing UT Services



UT Inspection of Castings, Forgings, Plates and Welds

**Experienced NDT Level 2 Engineers
working under in-house ASNT Level 3**

Modern Ultrasonic Flaw Detectors, Probes, DAC Blocks, Accessories and DGS software that meets almost every Ultrasonic Testing standard. Equipped for Inside lab and Onsite UT services across India

Aerospace Composite Ultrasonic Testing Facility

**UT testing of Aerospace composite
materials using dry scan and
through transmission techniques**

Equipment and technique that provides accurate detection of flaws inside modern composite materials for aerospace applications



Radiography X-ray & Gamma Ray Testing Services



Radiography Enclosure Facility Approved by AERB, Government of India

Radiography testing Enclosure with 100 Curie Iridium Ir 192 Gamma Sources. Experienced RSO, Radiographers and in-house ASNT Level 3 Experts

Unique purpose built Radiography testing Enclosure with 5T EOT Crane for testing large Castings inside the NDT testing labs and Weld Fabricated Structures. Serving clients ONSITE across client's works in southern parts of India

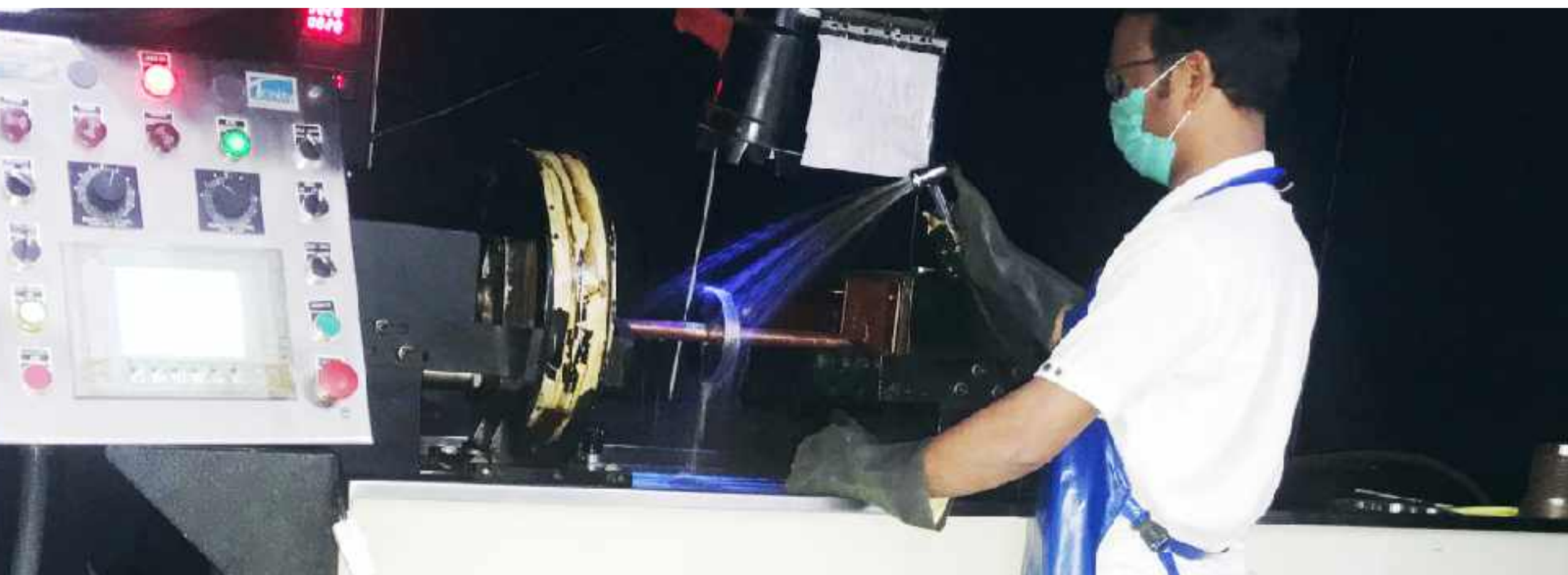
X-ray Testing Lab for Quality RT testing

250 Kv X-ray Equipment that can give superior test results for testing of Castings and Welds

Equipment and technique that provides accurate detection of flaws inside metals, Non metals and composite materials



Magnetic Particle Testing MT Services



Magnetic Particle Inspection of Ferrous Materials

Procedures and Equipment that meets ASTM E709 & ASTM E1444 and BS EN ISO International Standards

AC, HWDC, FWDC, Head Shot, Coil and Central Conductor technique suitable for components upto 1500mm and 6000A of current using Wet Continuous Fluorescent technique.

Portable MPI testing Services for Onsite applications

Experienced NDT Level 2 inspectors and ASNT, NAS410 Level 3 Experts

Portable Yoke, Prod and Permanent Magnet technique for Onsite MPI Inspections using dry, wet, Fluorescent and Non Fluorescent Techniques



Dye/Liquid Penetrant Testing Services



DPT/PT Inspection of Metals and Non Metals

Procedures and Equipment that meets ASTM E165 & ASTM E1417 and BS EN ISO International Standards

Portable Solvent Removable Type 1, 2 Method C, Visible/Fluorescent Penetrant testing for both inside the labs and onsite field DPT testing

Stationery FPI testing Equipment Type 1, Method A & Method D

**Experienced NDT Level 2 inspectors
and ASNT, NAS410 Level 3 Experts**

Fluorescent Water Washable, Post Emulsifiable
penetrant Inspection techniques , sensitivity S2,
S3, and S4



Eddy Current Testing Services



Surface & SubSurface Crack Testing

Procedures and Equipment that meets ASTM and BS EN ISO International Standards

ET Equipment, Probes and Calibration Blocks that suits to find finest surface and subsurface cracks on conducting materials such as Aluminium, Magnesium, Titanium materials

Material Mixup Sorting using Eddy Current Techniques

Experienced NDT Level 2 inspectors and ASNT Level 3 Experts

Super fast reliable sorting of materials. Rely on our eddy current testing expertise trusted by over 500 customers across India



Visual Inspection Services



Visual Testing of Welds

**Procedures and Equipment that meets ASTM
ASME Sec V and BS EN ISO International
Standards**

Weld Visual Inspection for detecting surface discontinuities and measuring weld dimensions using Welding Gauges

**Onsite Structural Weld Inspection
by Our Welding Inspection Experts**

**Experienced NDT Level 2 inspectors
and ASNT Level III, CSWIP 3.1, IWE/
IWT Experts**

Trusted and Reliable Welding Visual Inspection
Services delivered right at your works or at our NDT
Labs in Peenya Bangalore



De-Magnetization Services



Removing Residual Magnetic flux in Weld Joints

**Experienced NDT Level 2 inspectors
and ASNT/NAS410 experts**

It is difficult to weld materials that have objectionable residual magnetic fields. We perform de-magnetization and can bringdown the fields less than 3 Gauss.

Demagnetisation of Shafts, Gear and others

**Experts in removing the residual magnetism to
acceptable level**

Our Inspectors have skills and know how to remove the tough residual magnetic fields. We can demagnetise shaft, bars, rods, gear of any size at our facility.



Ultrasonic Cleaning Services



Precision Cleaning. Aerospace Quality.

Experts in Extreme Cleaning of Engineering Components/Electrical Parts

Advanced ultrasonic cleaning services specifically designed for precision engineering components, utilizing high-frequency sound wave technology to remove contaminants, oils, greases, carbon deposits, and particulates from complex geometries and hard-to-reach surfaces, including intricate electrical parts.

The Most Effective Cleaning Technique for removing Oil, Experienced , Skilled Aerospace NDT Professionals

Our ultrasonic cleaning capabilities accommodate a diverse range of engineering parts including valves, pumps, bearings, fasteners, machined components, injection molds, and heat exchangers in various materials such as stainless steel, aluminum, brass, and titanium.



Personnel Certifications - Team Trinity NDT

TRINITY NDTians



Qualified team with International Certifications on
Welding

**International Welding Engineer(IWE) ,
International Welding Technologist (IWT),
CSWIP 3.1 Welding Inspectors &
AWS CWI - Certified Welding Inspectors**

NDT Personnel with ASNT / NAS410 & ISO Certifications

**NDT Level 2 certified as per Written Practice framed
as per ASNT SNT TC 1A & ASNT/NAS410 Level III**

SNT TC 1A - Level II : Ultrasonic Testing UT, Magnetic Particle Testing MT/
MPI, Penetrant Testing PT/FPI, Radiography, Visual Testing, Eddy Current
Testing

ASNT Level III : UT, MT PT, PT, RT, VT & ET

NAS410 Level II/III : MPI & FPI ISO9712 Level 2: UT, MT, PT, RTFI, VT

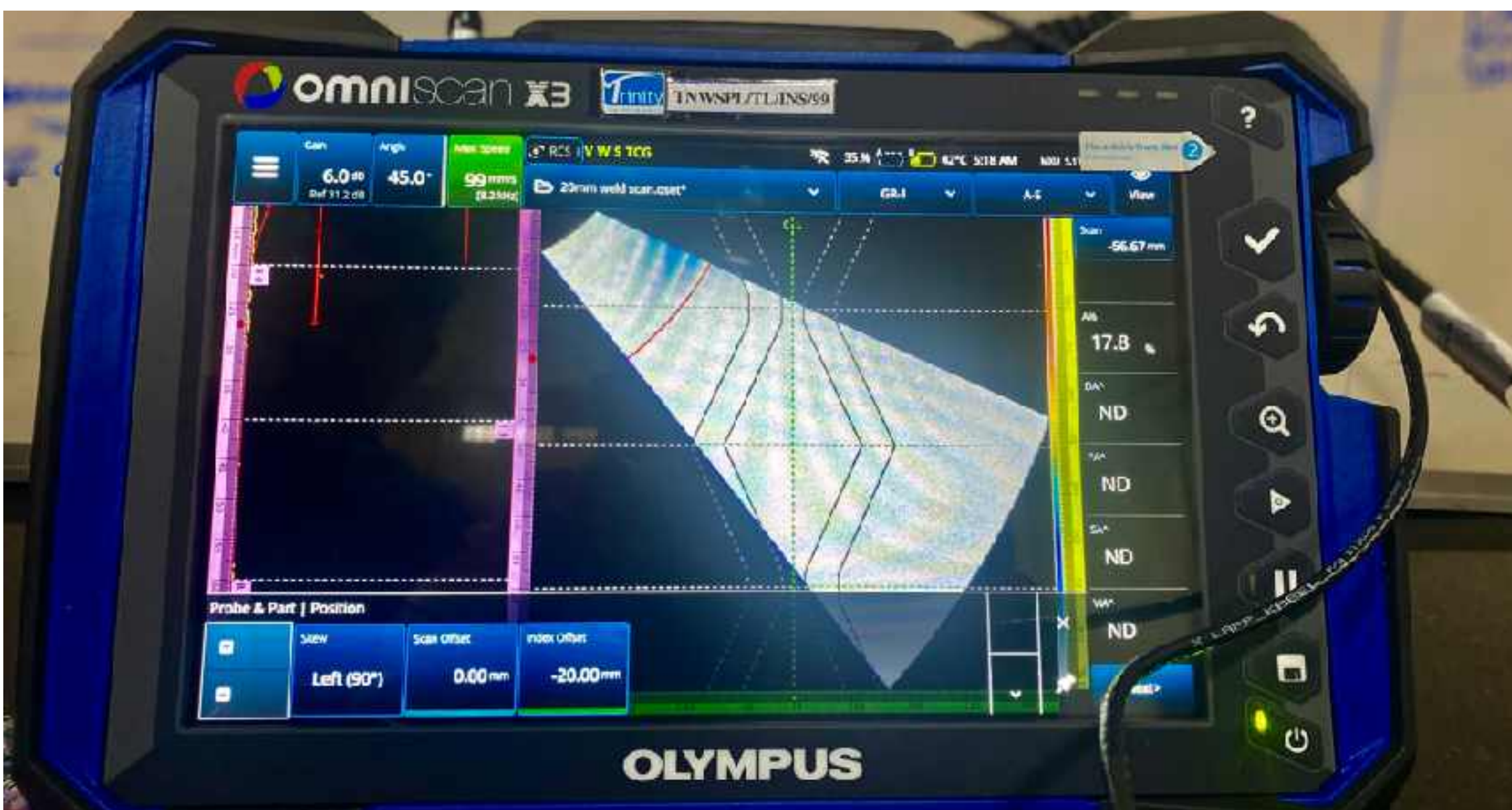


**Highly Qualified &
Internationally Certified
Welding Experts**

Advanced NDT Services



PAUT, TOFD Ultrasonic Testing Services



Phased Array Ultrasonic Testing PAUT Service

An Advanced NDT Technique that uses multiple crystals inside a probe for better detectability

State of the art PAUT equipment from Olympus make model X3 with probes and accessories to perform critical weld inspections on site and at our labs.

Expert PAUT Level II inspectors that are experienced to perform PAUT testing, record and analyse the results as per ASME codes, ISO, API standards

Time of Flight Diffraction Technique (TOFD), Total Focussing Method (TFM)

TOFD, TFM UT services for inspection of critical pressure vessel and oil and gas pipe weld joints.



Computed Radiography CR Facility



Multi-focus laser adjustment for optimum SNR values and perfect image quality – film-like or better

Portable high resolution CR scanner for all NDT radiography applications - weld inspection, profile images and aerospace

Computed Radiographic Testing Service

CR System developed for the highest quality images

An advanced imaging technique used for inspection of castings and welds. Equipment from Durr Germany to perform computed radiography for widest range of applications with highest resolution.

ASNT level III experts, BARC Level II certified professionals well trained on CR systems to give accurate results that meets ASME, ISO, BS EN standards.



Digital Ultrasonic Thickness Measurement for Corrosion



UT Thickness Gauging Solutions

Faster, Reliable UTG services for Pipelines, Chimneys

World class Ultrasonic capability for measuring the remaining thickness of pipes, tubes, tanks, pressure vessels, hulls, and other structures affected by corrosion or erosion. Dual element transducers are commonly used for these applications.

**Boiler tubes and internal oxide measurement
for corrosion mapping**

**Capability to measure wall thickness from
0.08mm to 635mm based on material,
transducer with accuracy up to 0.001mm**



Positive Material Identification PMI Services - Onsite & In Lab



Accurate Material Grade Confirmation*. Right Analysis. Every Time.
Onsite & In Lab
Super Quick Within 1 day Service*

TRINITY NDT delivers comprehensive Positive Material Identification (PMI) services utilizing state-of-the-art handheld XRF analyzers to verify material composition and grade across critical industrial applications. Our certified technicians provide rapid, non-destructive testing that ensures material traceability and compliance with international standards including ASTM, ASME, and API specifications.

Our PMI capabilities extend to analyzing a wide range of alloys including stainless steels, carbon steels, nickel alloys, titanium, and exotic materials in both shop and field environments. **TRINITY NDT** maintains rigorous quality assurance protocols with calibrated equipment, detailed reporting, and full documentation chains that meet the most stringent regulatory and customer requirements.

PMI Testing of Almost All Engineering Metals with 99.9% accuracy

Carbon & low Alloy Steels | Stainless Steels | Nickel Alloys | Aluminium Alloys.
Titanium Alloys | Copper Alloys | Magnesium Alloys - Contact us for specific details

With our mobile PMI services and rapid turnaround times, we empower clients to make confident decisions during fabrication, construction, maintenance, and turnaround operations while minimizing project delays and ensuring optimal material performance throughout the asset lifecycle.

Centre of Excellence in Welding by Trinity NDT



Welder Qualification & Certification Services



Establishing the WPS to Certifying of Welders

Experienced welding professionals for qualifying as per ASME Sec IX, AWS D1.1, AWS D1.2, EN ISO 15614 and other international standards

Establishing WPS, Conducting and witnessing welder qualification tests and documenting the qualifications as per codes, specification and standards.

Onsite Structural Weld Inspection by Our Welding Inspection Experts

Experienced NDT Level 2 inspectors and ASNT Level III, CSWIP 3.1, IWE/ IWT Experts

Trusted and Reliable Welding Visual Inspection Services delivered right at your works or at our NDT Labs in Peenya Bangalore



Welding Fabrication Services



Outsource Your Quality Welding Jobs to Us.

Professionally Qualified & Certified Welders to Weld Ferrous, Aluminium and Stainless Steel Materials. X-ray Quality Welds simply delivered.

Facility Equipped with Smart Welding Machines. Welding Jobs undertaken on welding processes SMAW, GMAW, GTAW and FCAW. Get the X-ray or any other NDT done to check the quality of welds produced.

Workshop with Complete Welding Infrastructure

5T EOT Crane, Industry 4.0 Ready Welding Machines and NDT right at the location of welding

Check the quality of welding right at the place of welding. NDT is done immediately as soon as the welding is completed. Welding Centre is under able supervision of IWE/IWT qualified Welding Experts with over two decades of welding experience



Welding Machines Calibration Services



Now, Get Your Welding Machines Calibrated with us

With our trusted partners, we provide, welding equipment calibration services. On time. Reliable.

Associated with NABL accredited Lab, we bring you our calibration partners to complete the calibration that meets international standards.

One STOP solution for your quality needs.

**Welding Machines Ammeter
Calibration facility at your workshop
and at our labs**

Now, You need worry about calibration of your welding machines.
We give you comprehensive calibration while we visit your site for
witnessing for welder qualification tests.



Welder's Training - Weld Skill Centre



Skill Training Centre for Welders

Centre of Excellence Welding by Trinity NDT has complete infrastructure for training on welding

The centre is equipped with modern state of art welding equipment and welding booths built to world class standards to learn welding with quality and precision under welding experts while following safety

Welding Inspector Skill Training

Experienced trainers with ASNT Level III, AWS-CWI, IWE/IWT

To bridge the skill gap for our engineers, the centre has designed a unique course for improving skills of welding inspectors. Contact us today for more information and get yourself upgraded with welding Inspection skills.



Trinity Institute of NDT Technology - NDT Skills Training Centre



**NDT Level 1, 2 &
Welding Inspector
training
Certification
Courses**

NDT Level 1, 2 Training & Certification Courses



Nondestructive testing Training Courses in India

A World Class Institute for NDT Certification Courses as per ASNT SNT TC 1A & ISO 9712

NDT Level 1, 2 Certification Courses on Ultrasonic testing, Magnetic Particle testing, Penetrant testing, Radiography, Eddy Current testing, Radiography Film Interpretation, Visual testing.

Aspire by Trinity NDT- A World Class Auditorium

Scientifically Designed to make class room learning a pleasurable experience

Acoustic Auditorium that has all amenities to listen to the trainers in the most conducive environment that you might have never experienced before.



Online Virtual Mode - NDT & Welding Inspection Training Courses



NDT & Welding Training Courses - Online Virtual Mode

Now Never STOP Learning. Acquire NDT & Welding Skills at YOUR convenience ONLINE

NDT Level 1, 2 VIRTUAL ONLINE Courses on Ultrasonic testing, Magnetic Particle testing, Penetrant testing, Radiography, Eddy Current testing, Radiography Film Interpretation, Visual testing and Welding Inspection

Interactive Live Training Sessions

Listen to the expert trainers and feel the power of LIVE interactive sessions delivered through virtual mode

Each session is designed to contain powerful presentations, discussions, assignments and everything that is needed to make the trainees learn the subject with ease.



India's International Institute - Participants from Over 42 Countries



Nondestructive testing Training Courses in India

Great Number of participants from across the world from more than 42 countries

Engineering companies sponsoring candidates from India and other parts of world that gave excellent feedback on the quality of both NDT & Welding. Certifications are recognised by all leading manufacturing companies

- Saudi Arabia
- USA
- Thailand
- Singapore
- Malaysia
- South Africa
- Nigeria
- Papua New guinea
- United Arab Emirates (UAE)
- Oman
- Bhutan
- Nepal
- Sudan
- Syria
- Pakistan
- Cameroon
- Dubai
- Iraq and many more nationals...



NDT & Welding Consulting Services



CONSULTING

NDT & WELDING EXPERTS



Experienced ASNT
Level 3, NAS 410 & IWE/
IWT, CSWIP for
providing Consulting
Services

Nondestructive testing & Welding Consulting Services



NDT Consulting Services - UT, MT, PT, RT, VT & ET

ASNT Level 3 & NAS 410 Level 3 Consulting

ASNT NDT Level 3 consulting services on Ultrasonic testing, Magnetic Particle testing, Penetrant testing, Radiography, Eddy Current testing, Radiography Film Interpretation, Visual testing and NAS410 Consulting on Aerospace MPI & FPI testing

Welding Consulting Services

International Welding Engineer IWE, International Welding Technology IWT & CSWIP 3.1 Welding Consulting

Welding Coordinator expert Services for organisations in Welding and Fabrication. Establishing procedures for ISO3834, EN 15085 QMS certifications



Associate for The Indian Institute of Welding - IIW India



Welding Fabrication Companies QMS Certification

ISO3834 & EN 15085 QMS Certifications from IIW India

Trinity NDT - An Associate for The Indian Institute of Welding IIW India in bringing you QMS Certifications for Welding & Fabrication companies. This certifications enables the fabrication companies to supply and export their products across the world.

Welding QMS Consulting

International Welding Engineer IWE, International Welding Technology IWT & CSWIP 3.1 Welding Consulting

Welding Coordinator expert Services for organisations in Welding and Fabrication. Establishing procedures for ISO3834, EN 15085 certifications



Sales - MPT & DPT Equipment, Accessories & Consumables



**Suppliers,
Stockists, Dealers
& Sales Partners
for MPI & DPT
Consumables**

Sales - Penetrant Testing Equipment & Consumables



Dye Penetrant Testing Equipment & Consumables

Visible and Fluorescent Penetrants, Solvents & Developers

Trinity NDT - an Authorised Sales Partner for Ferrochem make DPT Consumables including visible water washable, solvent removable penetrants, Cleaners/Solvents and Developers. These consumables meets the standard ASTM E165 and approved by NPCIL and other many leading companies in India and abroad.

Accessories & Consumables- Sales

Aluminium Comparator Blocks, UV Lights, Lux Meters, Radiometers and other Penetrant testing materials

Sale of complete range of DPT Accessories and Consumables commonly used in engineering applications.



Sales - Magnetic Particle Testing Equipment & Consumables



Magnetic Particle Testing Equipment & Consumables

Fluorescent & Non Fluorescent MPI Powders, Carrier Oils

Trinity NDT - an Authorised Sales Partner for Ferrochem make MPI Consumables including MPI Powders, Carrier Oils that meets various international standards.



Accessories & Consumables- Sales

Ketos Ring, Copper Pads, UV Lights, Lux Meters, Radiometers and other MPI testing materials

Sale of complete range of MPT Accessories and Consumables commonly used in engineering applications.



Major Customers & Approvals



Contact Us

TRINITY NDT WELDSOLUTIONS PRIVATE LIMITED

Aerospace NDT Labs | Centre of Excellence in Welding | Training

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E: info@trinityndt.com



Testing Services Lab

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Centre of Excellence in Welding

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Training & Certification Services

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www.trinityndt.com

Trinity
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