



## On-Site NDT Services 24/7

- CONVENTIONAL NDT SERVICES
- ADVANCED NDT SERVICES
- SPECIALIZED NDT SERVICES

# About Us

NDTS India was established in 2007 with a motive to build a professionally managed enterprise dedicated to the challenging field of Non-Destructive Testing (NDT) & Evaluation. Today, we are an ISO 9001:2015 certified company offering 24/7 On-site NDT Services by deploying world-class equipment's with trained manpower as per various affiliations (ASNT, ISNT, ISO etc.).

At NDTS India, we constantly endeavour to fulfil our customer's varied inspection needs and are deeply committed towards surpassing their expectations. We value and cherish their valuable suggestions and assistance. By virtue of our focus, core competence, a committed team of professionals and our unrelenting quest for excellence, we are fully geared to meet current and future challenges.





# Conventional NDT Services

- Ultrasonic Thickness Gauging (Ambient Temperature)
- Ultrasonic Thickness Gauging (High Temperature)
- Ultrasonic Flaw Detection
- Magnetic Particle Inspection
- Liquid Penetrant Testing
- Positive Material Identification (PMI)
- On-site Hardness Testing
- Ferrite Measurement
- Visual Inspection
- In-situ Metallography



# Advanced NDT Services



**Weld Inspection by Advanced Ultrasonic  
(PAUT, TOFD)**



- Shell to Dish End Joints
- Circular Seam & Long Seam Welds, Joints, T-Joints
- Category D Joints / Pressure Part, Weld-o-lets, etc.
- SS & AS Cladded plate Joints
- Structural Welds, Knuckle joint, etc.
- Boiler Weld Joints (Dia. 1.5" – 4")



**Remote Visual Inspection (RVI) of Tubes,  
Vessels & Pipelines by Specialized Cameras**

- Sea water lines, cooling water lines, process pipeline
- Refractory lining- cyclone
- Weldolet (Weld Root Fusion)
- Heat exchanger tubes
- T-G lines, boiler header, boiler tubes
- Gear-box, compressors, turbine blades condition monitoring, suction & discharge lines



**Tubular Inspection by  
ECT, RFET, NFT, IRIS**



**Tubular Inspection by ECA / NFA**

- Condensers & Evaporators -(MOC : CS, SS, Ti, Cu-Ni, etc.)
- Air Finned Condensers tubes.
- U – Bend Tube Heat Exchangers
- IRIS for Tubes ( Up to 3")
- Boiler Bank Tube
- Eddy Current Array (ECA): Enhances probability of detection by providing circumferential coverage in a single pass
- C-Scan Imaging: Enables improved flaw characterization and accurate sizing, especially effective for detecting circumferential cracks beneath tube sheets
- High Sensitivity: Capable of detecting internal & external pitting & circumferential cracks, including ID & OD cracks as small as 20% wall thickness with a 25° extension





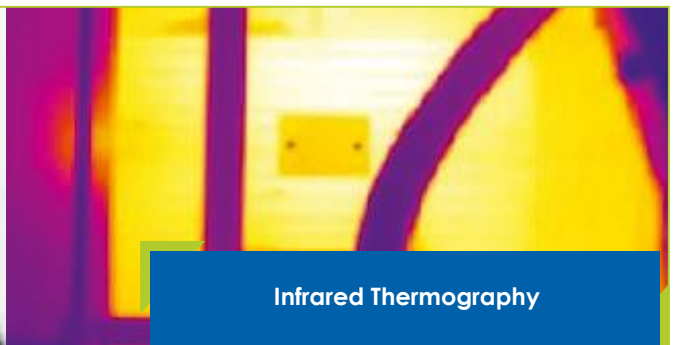
### CUI (Corrosion Under Insulation) by PECT

- Hot & Cold Insulated Line (Temp : -33°C to +550° C.)
- Horton Sphere legs
- Insulated Vessels & Reactors
- Insulated Chilled Water Lines
- Column Skirting
- Jetty Pipelines & Structures



### Short Range Ultrasonic Testing (SRUT)

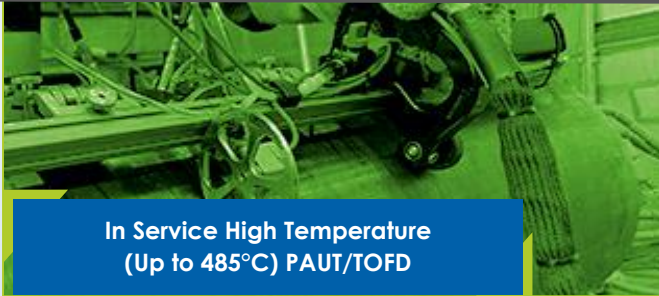
- Corrosion analysis of tank annular plate
- Corrosion under pipe support.
- Rapid, cost-effective, and safe evaluation
- In-service inspection minimizes downtime, improves inspection coverage.



### Infrared Thermography

- Detecting corrosion under insulation, delaminations, or leaks
- Monitoring overheating in electrical/mechanical systems
- Fast screening tool
- Detect insulation damage & breakage
- Detect gas or fluid leakages
- Identify hotspots in electrical systems
- Monitor thermal behavior under load

## Specialized NDT Services



**In Service High Temperature  
(Up to 485°C) PAUT/TOFD**



**FFS (Fitness for Service) Study**

- In-service Piping, Vessels and Tanks
- Can also be used to locate wall thinning, determine corrosion rates and monitor defect growth rates for engineering evaluations during production.
- Accurate corrosion monitoring and defect detection up to 485°C, on critical positions
- Significantly reduced risk on weld repairs during the construction phase of heavy wall vessels or "golden" welds
- Provides immediate results
- Increase of plant availability
- Reduce TA inspection scope
- Implement NII inspections
- Implement inspection approach when the plant is online (high temperature inspections)
- Approach based on damage mechanisms as described in API581

## Comprehensive Manpower Supply for NDT Projects

We specialize in providing certified, field-ready NDT professionals to support your projects—whether long-term assignments or short-duration contracts. Our manpower pool includes experts holding recognized certifications from leading bodies such as ASNT, ISNT, and PCN/ISO. With hands-on experience across all major non-destructive testing techniques, our personnel ensure reliability, quality, and compliance in every inspection task.

## Advancing NDT Excellence through Training & Certification

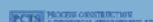
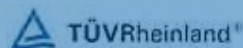
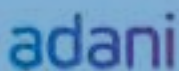
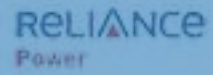
NDTS India began its journey in the training and certification domain with a clear vision: to deliver quality-driven education to NDT professionals and corporate teams. To date, we have successfully trained and certified over **200 professionals**, equipping them with industry-relevant skills and recognized credentials.

Our customized training programs have been trusted by several leading organizations, including **IOCL, Nayara Energy, Cairn India, BPCL, Godrej, L&T Heavy Engineering & SA International (Egypt)**, among others. We take pride in supporting both individual career growth and organizational excellence in the field of Non-Destructive Testing.





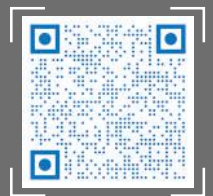
# Our Valued Customers





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### Site Offices

- Vadodara, Gujarat-390016
- Visakhapatnam, Andhra Pradesh-530044
- Bhatinda, Punjab-151301
- Dammam, Saudi Arabia