

Your Trusted Partner in Industrial Reliability.

Specialized in Conventional, Advanced Non-Destructive testing services and Mechanical maintenance services to uphold the highest standards of quality and operational integrity.



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About Us

we are dedicated to providing top-tier Non-Destructive Testing (NDT) services that ensure the integrity, safety, and reliability of critical assets across a wide range of industries. our team of certified NDT professionals combines years of experience with cutting-edge technology to deliver precise, reliable results. Our team of highly trained and certified technicians is equipped with the latest NDT technologies to deliver fast, accurate assessments. Whether you're in the aerospace, manufacturing, oil and gas, or construction sectors, we tailor our services to meet your unique needs, ensuring minimal downtime and maximum efficiency.

Quality and safety are our top priorities. We adhere to industry standards and regulations to ensure that every test is carried out with the utmost precision and care. Our commitment to ongoing training and certification ensures that our team is always equipped to meet the evolving demands of the industry

Mission

our mission is to provide precise, reliable, and cost-effective Non-Destructive Testing solutions that enhance safety, improve performance, and ensure the longevity of our clients' assets across diverse industries.

And empower industries with state-of-the-art NDT solutions that ensure the integrity, safety, and compliance of critical infrastructure, while upholding the highest standards of professionalism and integrity."



Vision

"To create a safer world by ensuring the integrity of critical infrastructure through world-class NDT services and a relentless commitment to excellence."

Sectors We Serve:



Aerospace



Manufacturing



Oil and Gas



Construction



Fertilizer



power generation



chemical

Our NDT Capabilities

1. Conventional NDT

- Visual Testing
- Liquid Penetrant testing (LPT)
- Magnetic Particle Testing (MPT)
- Ultrasonic Thickness Measurement
- Ultrasonic Flaw Detection (UFD)
- Radiography (RT)
- Hardness Testing
- Spark Testing
- Film thickness measurements of paints (DFT)
- Metallography
- Positive material identification (PMI)
- Videoscopy

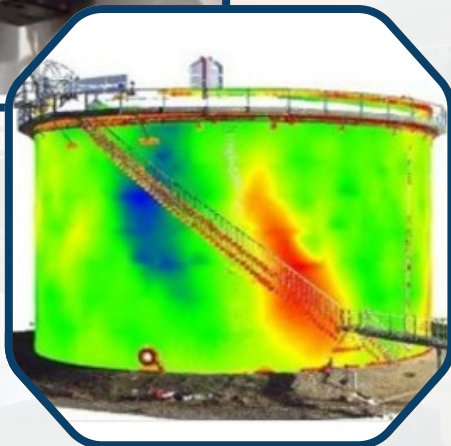


2. Advanced NDT

- Phased array Ultrasonic testing (PAUT)
- Time of flight diffraction (TOFD)
- Pulse Eddy Current Method (PEC)
- Electromagnetic Acoustic Transducers (EMAT)
- Long Range Ultrasonic Testing (LRUT)
- Short Range Ultrasonic Testing (SRUT)
- Thermography
- Acoustic Emission Testing
- Alternating Current Field Measurement (ACFM)
- Computed Radiography
- Computed Tomography (CT)

3. Tube inspection:

- Remote Field Electromagnetic Technique (RFET)
- Eddy Current testing (ECT)
- Eddy current array (ECA)
- Internal Rotary Inspection System (IRIS)



4. Tank Inspection

- Vacuum Box Testing
- Magnetic Flux Leakage (MFL)
- Automated Ultrasonic testing (AUT)
- In-service robotic bottom inspection
- 3D Laser Scanning



5. Inspection services

- Residual Life Time Assessment (RLA) of Pressure Vessels & Boilers
- API Inspection
- Plant Integrity Inspection
- Third Party/Vendor Inspection
- Welding Inspection
- WPS/ PQR/ WPQT Inspection



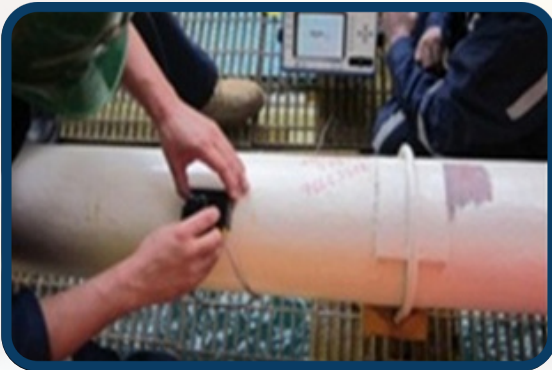
Automated Corrosion Mapping



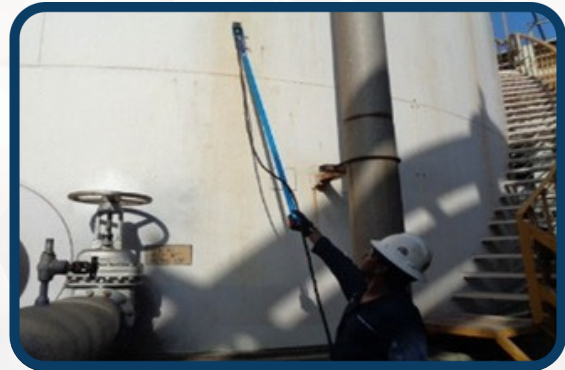
Long Range Ultrasonic Testing (LRUT):



Short Range Ultrasonic Testing (SRUT):



UT B-Scan Technique:



Pulsed Eddy Current Testing (PECT):



Phased Array Ultrasonic Testing (PAUT):



Ultrasonic Testing (UT):



Penetrant Testing (PT):



Magnetic Particle Testing (MT):



We are also industrial mechanical maintenance service provider operating in India and international markets, delivering maintenance, shutdown, and installation services for Oil & Gas, Power Plants, Manufacturing, Chemical, and Fertilizer facilities. All services are executed in compliance with API, ASME, ISO, applicable Indian statutory regulations, and international client specifications.

Scope of Services



Mechanical Maintenance Services

- Preventive, predictive, and corrective maintenance programs
- Emergency breakdown maintenance and troubleshooting
- Plant shutdown, turnaround, and outage maintenance
- Equipment installation, commissioning, and mechanical alignment
- Maintenance planning and execution as per OEM recommendations

Rotating Equipment Services

- Pumps
- Compressors
- Turbines
- Motors and gearboxes
- Overhauling, condition monitoring, vibration analysis, and performance testing



Static Equipment Maintenance

- Pressure vessels and heat exchangers
- Reactors, columns, and process vessels
- Storage tanks fabrication erection and installation
- Inspection coordination, repair, and replacement works

Piping & Pipeline Services

- Process piping fabrication and installation
- Pipeline maintenance and modification works
- Valve installation, testing, and maintenance
- Flange management, bolt torquing, and tensioning
- Hydrotesting and leak testing



Welding & Fabrication

- Structural and mechanical fabrication
- Carbon steel, stainless steel, and alloy welding
- Welding Procedure Specifications (WPS) and Procedure Qualification Records (PQR)
- Qualified welders as per ASME Section IX
- NDT coordination (RT, UT, MT, PT)



Power Plant & Utility Systems

- Boiler and turbine mechanical maintenance
- Cooling systems, heat recovery systems
- Industrial HVAC, cooling towers, and compressed air systems

Quality Management System

We operate under a Quality Management System compliant with ISO 9001, ensuring:

- Controlled procedures and documentation
- Inspection and test plans (ITP)
- Compliance with applicable codes and client specifications
- Continuous improvement and corrective action processes



Industries Served

- Oil & Gas (Upstream, Midstream, Downstream)
- Power Generation Plants
- Chemical Processing Plants
- Fertilizer Plants
- Heavy Manufacturing Industries

Technical Manpower

- Mechanical Engineers
- Maintenance Supervisors
- Rotating Equipment Specialists
- Certified Welders and Fitters
- Safety Officers and QA/QC Inspectors



All personnel are trained and competent to perform work in compliance with API, ASME, ISO, and client-specific requirements.

Why Choose Dakshith Engineering?



Certified and Experienced Technicians

Our team consists of highly trained and certified NDT professionals who bring extensive industry experience and technical expertise to every project.



Advanced Testing Technologies

We use the latest NDT equipment and modern inspection methods to deliver accurate, reliable, and efficient testing results.



Commitment to Safety and Quality

Safety is at the core of our operations. We follow strict industry standards, ensuring every inspection meets the highest levels of quality and compliance.



Fast and Reliable Service

We understand the importance of minimizing downtime. Our team provides prompt, flexible, and dependable testing services tailored to your project schedule.



Customized Solutions for Every Industry

From oil & gas and construction to manufacturing and aerospace, we offer tailored NDT solutions that meet the unique needs of each industry.



Cost-Effective and Transparent Pricing

We provide competitive pricing without compromising on quality. Our quotes are clear, detailed, and free of hidden charges.



Strong Customer Support

We believe in building long-term relationships. Our team is always ready to answer questions, explain results, and offer professional guidance.



Proven Accuracy and Detailed Reporting

Our inspections come with comprehensive, easy-to-understand reports that help you make informed decisions and maintain regulatory compliance.