

Advanced Solutions

NDE INSPECTION AND EVALUATION CAPABILITIES



A HIGHER LEVEL
OF RELIABILITY®



Innovative Technology

ACCURATE & COST EFFECTIVE RESULTS

Acuren's advanced NDE services use innovative technology to inspect and analyze anomalies in your equipment with fewer disruption to operations. These specialized applications speed up the inspection process and can often provide accurate results without interrupting your workflow.

Our advanced NDE services help you reduce overall costs of inspection, decrease maintenance costs, and ensure reliable operating processes. We provide a full spectrum of in-lab and callout advanced NDE services.

QUALIFIED PERSONNEL

Our programs meet or exceed the recommendations of SNT-TC-1A and in most cases also meet the requirements of CP-189. In addition to Acuren's internal program, many of our Advanced NDE personnel also hold ISO-9712 and EN473 qualifications in advanced methods such as TOFD, Phased Array, Eddy Current Array and ACFM. Many technicians also hold client and industry Performance Demonstration Qualifications such as GUL, QUTE, QUPE, EPRI, Shell, Suncor, and Chevron.

MINIMIZE OPERATIONAL RISKS AND OPTIMIZE ASSETS

WHY ACUREN?

- Market leader in advanced services
- Decades of experience
- A higher level of reliability
- Largest suite of service line options in industry
- Local Presence with National Scale
- Advanced Solutions for any Challenge
- Cross-functional integrated services
- Collaborative service approach

AS AN AUTHORITY IN THE NDT/NDE INDUSTRY WE DELIVER ACCREDITED INSPECTION & LEVEL III SERVICES, ANALYSIS & CONSULTING, PROVIDING TAILORED METHODS & APPLICATIONS TOWARDS YOUR PROJECT.



Methodologies



WELD INSPECTION

- Phased Array UT
- TOFD
- High Temp applications
- Exotic materials
- Tangential ECA (Eddy Current Array)
- Remote Analysis

CORROSION/EROSION

- AUT - Mapping
- Hydroform
- Amdata
- High Temp Applications
- Real Time Radiography

CUI/PIPING ASSESSMENT

- Pulsed Eddy Current
- Long Range UT / Guided Wave
- Real Time Radiography
- Digital Radiography
- Laser Profiling
- High Temp applications
- Corrosion Survey
- API 570 Assessment Programs
- Industrial Insulators
- Rope Access Integrated service solutions
- API 579 fitness for service evaluations
- Pipeline Integrity Services

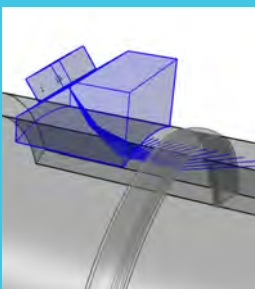
HEAT EXCHANGER APPLICATIONS

- Eddy Current Testing
- Eddy Current Array Testing
- IRIS Testing
- Near Field Testing
- Near field array testing
- Magnetic Flux Leakage Testing
- Remote Field Testing

OTHER SERVICES

- Metallurgical Services
- Failure analysis
- HTHA UT Techniques
- Condition monitoring
- Infrared Thermography
- Hardness Testing
- Carbon Equivalency
- PMI
- ACFM
- EMAT
- ACPD
- DCPD
- MFL
- MPI

ADVANCED PRODUCTS & SOFTWARE



- DMAPS – Data Management System
- STRAP – Steam Turbine Risk Assessment Program
- ^{ES}BeamTool Technique Development software
- Eclipse Scientific InspectionBank NDT database
- Eclipse Scientific STATUS software for POD and statistics
- Eclipse specialized UTPA Flange and Bolt Scanning tools
- High temperature inspection solutions
- Custom NDT application engineering





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BEYOND INSPECTION