



Nondestructive Testing Laboratory Services

REDUCE COSTS AND ASSURE ASSET QUALITY

Ensuring the safety and integrity of assets and their components is a crucial task for manufacturers and operators. Our materials specialists, engineers and non-destructive testing technicians provide you with highly specialized solutions and deep engineering know-how to gather and evaluate the required data needed to assess the integrity of your component and asset. We help you understand the origin and cause of specific material damage and outline appropriate remediation measures.

TÜV Rheinland has extensive experience in developing testing programs for numerous machined or fabricated components with non-destructive testing laboratory services. We can identify flaws or inclusions in components before costly machining or service is required. Providing NDT lab testing services for the automotive, aerospace, military, and other industries, we utilize the highest-quality procedures. Our NDT methods ensure that your product complies with industry and company standards and that they meet your company's economic and delivery requirements.

BENEFITS OF OUR NONDESTRUCTIVE TESTING LABORATORY SERVICES AT A GLANCE

With Nondestructive Testing (NDT) laboratory services from TÜV Rheinland, your benefits include:

- Cost reduction
- Controlled quality assurance environment
- Quality control enforced procedures
- Reduced risk of company liability
- Documented safety standards
- Exclusive one-stop service



Our Nondestructive Testing Laboratory Services

Radiographic testing	Computed radiography CR X-ray Real-time fluoroscopy Gamma ray X-ray fluorescent
Magnetic particle inspection (MPI)	Wet fluorescent Dry visual
Liquid penetrant testing (PT)	Fluorescent Visible Post-emulsified
Ultrasonic testing (UT)	Contact Immersion Phased Array (PAUT)
Eddy-current testing (ET)	Flaw detection Material sorting
Hardness testing – Brinell and Rockwell	
Visual inspection	
Positive material identification (PMI)	
Production run capabilities in all methods	

Wherever the need, our NDT Services Group provides reliable, expedient, and cost effective services in a timely and professional manner.

ABOUT TÜV RHEINLAND

TÜV Rheinland is a global leader in inspection, testing and certification services, with testing laboratories in Aliquippa, PA, Grand Rapids, MI, and Woodstock, AL. Our expertise and comprehensive service portfolio adds value by minimizing risks and helping you to grow your business. TÜV Rheinland's field and laboratory testing and inspection services are ISO 17025 accredited, and we offer all NDT methods, QC/QA functions, and material testing. With over 145 years of industrial expertise, we utilize our in-depth knowledge to offer you the solutions for your specific requirements.

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