Non-Destructive Testing Services, Inc.

www.nondestructivetesting.com
Non-Destructive Testing Services, Inc. (NDTS) is a full-service inspection company providing both field and laboratory inspection services, including all NDT methods, QC/QA functions, and physical testing. Laboratory and Field Services are ISO 17025 accredited. Mechanical Lab Services are both Nadcap and ISO accredited.

**Employee Certification**

NDTS employees are the company’s most valued asset. Their knowledge, experience, dedication and commitment contribute to overall customer satisfaction. Inspectors are trained and certified in multiple disciplines in order to provide both time and cost savings to clients.

**NDT Laboratory Services**

NDTS laboratories provide sampling or “production run” inspection. Testing procedures comply with the highest quality and efficiency standards required in the automotive, aerospace, manufacturing, military and transportation industries.

**Radiography**
- Computer Radiography
- X-Ray: Film
- X-Ray: Real Time
- X-Ray: Micro Focus
- Gamma Ray (Field or Shooting Vault)
  - Cobalt
  - Iridium
  - Cesium

**Magnetic Particle**
- Wet Fluorescent
- Dry Visual
- Multi Directional

**Liquid Penetrant**
- Fluorescent
- Visible
- Post Emulsified

**Ultrasonic**
- Contact
- Immersion
- Phased Array

**Eddy Current**
- Flaw Detection
- Materials Sort
- Hardness Sort

**Material Testing Services**
- Fracture
- Impact Testing
  - Charpy
  - Izod
- Tear/Drop Weight
- Flexural & Peel Testing
- Compression Testing
- Measured Tensile Properties
  - Modulus of Elasticity
  - N-Values
  - Reduction, Strength, Yield, Elongation
- Bend Test
- Hardness
  - Brinell / Mic-10
  - Rockwell

**Specialty Material Test**
- Bridge Bearing Pads
- Walls/Prisms
- Nuclear Fixtures
- #1 – #18 Rebar
- Wire Rope
- Crane Hooks
- Nylon Straps
- Railroad-Rail Slow Bend

**Calibration Services**
- Dial Gauges
- Load Cells
- Micrometers
- Calipers
- Pressure Gauges
- Torque Wrenches
- Loading Jacks
- Scales Verified
- Gauge Blocks
- Skidmores

**Welding Evaluation Services – AWS Accredited Test Facility**
- Procedure Qualification Records (PQR)
- Welding Procedure Specification (WPS)
- Welder Qualification Test (WQT)
- Mechanical Testing per Industrial and Government Codes
- EN 287,15614
Field Services

Field-based inspection services are available for industries including chemical, petrochemical, power generation, food processing, pulp and paper mills and general manufacturing. In addition, services are available to government agencies, storage facilities, architectural/engineering companies and education facilities. Inspectors are trained and certified to numerous industry standards.

NDT Services
- Magnetic Particle (MT)
- Ultrasonic (UT)
  - Thickness
  - Shear Wave
  - Phased Array
- Penetrant (PT)
- Visual (VT)
- Radiography (RT)
- Positive Material Identification (PMI)
- Ground Penetrating Radar (GPR)
- Hardness (HT)
  - MIC 10
- Eddy Current (ET)
- Strain Gauging

Structural Steel Bridge and Building Inspection
- Quality Assurance/Quality Control
- Shop & Field
- Paint & Galvanized Coating
- Expediting Services
- Weld Inspection, Consulting & Certification
- Materials Sampling & Mechanical Testing
- Visual
- AWS-CWI & AWS-CAWI
- Bolt Tensioning
- Roof & Floor Deck
- Window Testing
- WPS, PQR & WQT
- Fireproofing
- Shear Stud

Sign & Light Structures
- Luminaries
- Cantilever
- Trusses
- Light Standards
- Field & Shop
- Inventory
- GPS Mapping
- Condition Rating

Structural Concrete Inspection
Prestressed/Precast Plant Q.A.
- Aggregate Testing
- Tension Calculation & Monitoring
- Impulse Echo
- Cylinder Results
- Material Certifications
- Pre-Fabrication Inspection
  - Rebar Steel Location
  - Cable Location
  - Location of Inserts
- Post Fabrication Inspection
  - Dimensional Assurance
  - Camber Measurements
  - Skew Verification
- Ground Penetrating Radar (GPR)
- Pullout Testing

Personnel Certified to:
- Certified Welding Inspector (CWI)
- Tank (API-653)
- Pressure Vessel (API-510)
- Piping (API-570)
- Welding Consultant
- Certified Paint Inspectors (SSPC & NACE)
- Certified NDT Inspectors (ASNT Level II & III)
- EN 473
History

TÜV Rheinland Group traces its origins back to 1872, when a group of entrepreneurs founded the Dampfkessel-Überwachungs-Vereine (DÜV) or Steam Boiler Inspectorate as an independent organization dedicated to ensuring technical safety. The company has grown from a regional testing organization into a leading global provider of technical services, with more than 13,000 employees active in 61 countries and in 39 business fields.

Throughout the years numerous requests were received from customers for material testing services both domestically and globally. To accommodate ongoing demand, TÜVRheinland® acquired Non-Destructive Testing Services (NDTS) to provide an enhanced service portfolio including additional materials and non-destructive and destructive testing capabilities. A superior addition to the TÜVRheinland® team, NDTS has maintained a high quality reputation of being customer focused since 1991.
## INDUSTRY MATRIX

### Laboratory Inspection

<table>
<thead>
<tr>
<th>Industry</th>
<th>Radiography</th>
<th>Magnetic Particle</th>
<th>Liquid Penetrant</th>
<th>Ultrasonic</th>
<th>Eddy Current</th>
<th>Materials Testing</th>
<th>Calibration Services</th>
<th>Welding Evaluations</th>
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### Field Services

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<thead>
<tr>
<th>Industry</th>
<th>Non Destructive Testing Services</th>
<th>Structural Steel Bridge Inspection</th>
<th>Structural Steel Inspection</th>
<th>Structural Concrete Inspection</th>
<th>Sign &amp; Light Structures</th>
<th>Cranes, Aerials &amp; Ground Ladders</th>
<th>Training &amp; Consulting</th>
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