



NDT Field & Lab

We Take A Closer Look

NDT Lab Services

Applied Technical Services' state-of-the-art testing lab is equipped with the latest and most advanced equipment. Many industries rely on our technicians to perform one or multiple methods on various materials, components and weldments. Our reliable findings are accurately documented according to Codes and Standards, giving you peace of mind or information needed to take corrective action. A thorough and stringent audit, conducted by the Performance Review Institute (PRI), has earned Nadcap NDT accreditations for ATS services in the aerospace industry.

NDT Field Services

Our expert technicians travel locally, nationally, and internationally to perform nondestructive testing on a wide variety of materials and structures. Whether you call us to inspect tanks, bridges or pipelines; ATS is known for arriving on time, performing the right test and producing fast and accurate reports. Our field service team offers traditional and advanced NDT inspection methods.

NDT Methods

- Liquid Penetrant (PT)
- Magnetic Particle (MT)
- Eddy Current (ET)
- Ultrasonic Testing (UT)
- Ultrasonic Thickness Testing (UTT)
- Phased Array
- Shear Wave
- Radiographic Testing (RT)
- Computed Radiography (CR)
- Visual Inspection (VT)

Applied Technical Services

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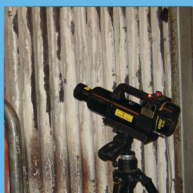
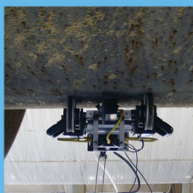
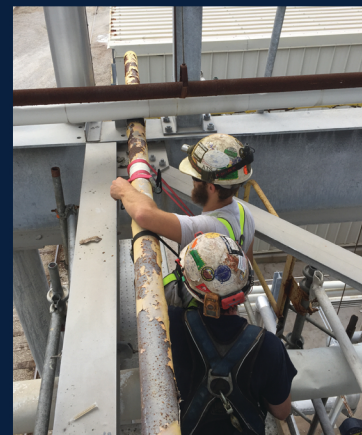
INDUSTRIES SERVICED

ADDITIVE MANUFACTURING - AEROSPACE - AUTOMOTIVE - CHEMICAL
COMMERCIAL PROPERTIES - CONSTRUCTION - DEFENSE/MILITARY
INSURANCE/LEGAL - MANUFACTURING - MEDICAL - NUCLEAR
OIL & GAS - POWER GENERATION - PULP & PAPER - MANY MORE

Common Lab Inspections

Many industries rely on our lab services to inspect materials, components and weldments. Sample lab inspections below:

- Forged Parts
- In-service Automotive and Aviation Parts
- Turbine Engines
- Generators
- Weldments
- Fan Blades
- Valve Bodies and Components
- Inlet and Outlet Blower Assemblies
- Stainless Steel Components
- Fillet Welds
- Engine Parts
- Cranks
- Castings
- Valve Bodies
- Nadcap Accredited
- And more



Field Services

ATS travels locally, nationally, and internationally to perform nondestructive testing on a wide variety of materials and structures.

Commercial Construction Services:

Concrete Radiography

Obstructions can be located with 100% accuracy with reliable radiographs. X-rays give us the ability to identify rebar, conduit, and post-tension cables in concrete structures up to 24" thick. Our services are guaranteed to give you the results you need.

Computed Radiography (CR)

Our computed radiography systems give us precise imaging with much greater detail than film. The capability to select and enhance critical areas of interest and the ease of electronic file sharing are just a few advantages our clients enjoy.

Additional Field Service Requests:

Ground Penetrating Radar (GPR)

Using radar technology, we can locate post-tension cables and rebar in concrete up to 16" thick. This nonintrusive inspection can be employed at any time; eliminating the need for a "radiation barrier."

GPR can reveal the depth of concrete up to 16". Block walls and concrete structures can be scanned for proper rebar placement.

Nondestructive Examination of Weldments

ATS has full NDE capabilities for weld inspection of structural steel. Inspections are performed to a variety of required clients specifications. We frequently inspect welds using radiography, ultrasound, magnetic particle, liquid penetrant and visual testing.

Other Field Services Include:

- Crane Hooks & Assemblies
- Tanks
- Pressure Vessels
- Tubing
- Pipeline
- Bridges
- Aviation
- Automotive