



# Visual Testing

## We Take A Closer Look

### Certified Visual Inspectors Include:


- ICC Special Inspectors
- AWS Weld Inspectors
- ASNT NDT Visual Testing Inspectors
- API Inspectors

#### Visual Inspection

ATS is one of the most established and respected visual inspection companies serving clients nationally and internationally. Many industries call upon our services due to our diverse certifications and knowledge of industry specific standards. Our corporate quality assurance program continually monitors employee safety and quality customer service support. ATS' employees must be aware of, committed to, and actively involved in the quality improvement processes. While keeping these goals in mind, we have earned many accreditations including ISO/IEC 17025:2005 (A2LA) in Nondestructive Testing, Mechanical, Chemistry, Calibration, ISO 9001-2008 Certification and more. Our experts provide visual testing and inspections for welds, components, equipment, piping, commercial properties, and industrial structures. Our qualified technicians have the expertise to identify a wide range of discontinuities including but not limited to cracks, holes, corrosion, blisters, impact damage, and other surface deformations.

**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

**Inspections Performed Using:**

- AWS
- ASME
- ASTM
- IBC/AISC/RCSC
- API
- ANSI
- NAVSEA
- EN/ISO

**ASME Inspectors and Inspections**

**Visual Inspections Per ASME Nondestructive Testing Handbook 3rd Edition, Volume 10**

Applied Technical Services is an independent testing and inspection company who offers quality visual inspections. Our certified NDT inspectors will inspect your component(s) ensuring it is in conformance to specifications. The inspectors have the knowledge and experience to identify any surface anomalies that are visible directly to the eye or visible indirectly using approved optical instruments. Many times, surface anomalies can be an indicator of structural and mechanical failures ultimately resulting in unsafe and unreliable products.

**Commonly Requested Visual Inspection Services:**

- Decking Inspection per AWS D1.3
- Stud Inspection per AWS D1.1/AISC
- Tank Inspections per API 653 or 1104
- Pressure Vessel Inspections per API 510 or API 620
- Welder Qualification & Certifications



**Common Materials Inspected**

- Bolts
- Vessels
- Decking
- Piping
- Studs
- Storage Tanks
- Welds

**Common VT Applications**

- Improper Weld Height
- Suck Back
- Surface Cracks
- Surface Porosity
- Undercut
- Corrosion

**Industries Using VT**

- Bolt Torque Inspection per AISC
- Decking Inspection per AWS D1.3
- Stud Inspection per AWS D1.1/AISC
- Tank Inspections per API 653 or 1104
- Welding Procedures per AWS, API
- Welder Qualifications per AWS, API

**Nuclear Quality Assurance (NQA-1) Certification**

ATS meets the certification requirements of the ASME Nuclear Quality Assurance Program. This certification allows us to provide third party testing and inspections on products needing to meet stringent standards established by the nuclear industry. Our technically advanced labs and certified experts provide product validation, accurate testing and detailed reports that reflect the quality of your products and their capability to meet designated regulations.

ATS, founded in 1967 and headquartered in Marietta, GA, is one of North America's leading engineering firms with extensive testing and inspection capabilities delivering a combination of experience, professionalism, and decisive responsiveness for our clients.