



GFA International, Inc. offers over 30 years of experience in the fields of Structural Steel Inspections and Non-Destructive Testing (NDT).

At GFA, we pride ourselves on only hiring the most qualified inspectors and technicians to help fulfill all your rope access NDT needs. Many of our team members hold multiple accreditations and certifications.

TeamGFA.com
(800) 226-7522

STRUCTURAL STEEL INSPECTIONS & NON-DESTRUCTIVE TESTING (NDT)



Structural Steel Inspections performed by an independent third-party inspection company, like GFA International, Inc. are required by many public and private construction projects to maintain building code and project specification compliance. Items typically inspected include welds, bolts and all steel elements of the structure or building.

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Structural Steel Inspection services routinely include visual welding inspection performed by a Certified Welding Inspector (CWI) in accordance with the American Welding Society (AWS) D1.1 Structural Welding Code or other applicable AWS standard.

In addition to a visual welding inspection, other non-destructive testing (NDT) such as bolt torque testing, Magnetic Particle Testing (MT), Ultrasonic Testing (UT) and Radiographic Testing (RT) are used to “look inside” materials to detect discontinuities and defects that may not be seen by visual inspection alone. The examinations are performed without damaging the materials, so that the tested materials are not wasted and may be put into service. NDT helps determine if the materials are acceptable for use as-is, contain defects that can be repaired, or must be rejected. Inspections take place in steel mills and fabrication shops throughout the United States and on-site in the field and include all varieties of structures including bridges, stadiums, buildings, towers, poles, and sign structures.

GFA CAN ASSIST YOU WITH THE FOLLOWING TYPES OF STRUCTURAL STEEL INSPECTIONS & NON-DESTRUCTIVE TESTING:

- Structural Welding Inspections
- Weld Fit Up Inspections
- Welder Certification
- Bridge Weld Inspections
- Decking & Joist Inspections
- High Strength Bolting Inspections
- Pre-tension Verification Inspections
- Piping and Pressure Piping (ASME B31.3 and B31.9)
- Non Destructive Testing and Inspections
 - » Dye Penetrant Testing
 - » High Strength Bolting Inspections and Torque Testing
 - » Ultrasonic Testing (UT)
 - » Magnetic Particle Testing (MT)

Founded in 1988, GFA International, Inc. (GFA) is a full-service Engineering and Geological consulting organization providing Environmental, Geotechnical, Construction Materials Testing, Threshold and Special Inspections services, across a broad spectrum of industries. GFA has offices strategically located to service our clients throughout the State of Florida. For over 30 years, GFA has successfully built our state-wide reputation for superior service, trustworthy business management, and strict attention to health, safety and innovative engineering.