Fabrication Inspection
Structural Steel & Non-Destructive Testing Services

As part of TRC’s portfolio of construction materials testing and quality assurance services, TRC provides a variety of operational support services that are focused on ensuring the integrity, reliability and safety of your products and system components. Our qualified and experienced technicians provide material testing of metals for all types of industries including transportation, rail, oil and gas, power generation, aerospace, fabricators and foundries.

Related services include:
• Mechanical Integrity Services
• Third Party Inspection and Testing at Pipe Fabrication Facilities
• Materials Consulting Services
• Weld Procedure and Qualification Testing

Representing a key component of such services, TRC offers substantial capabilities in the performance of various conventional NON-DESTRUCTIVE TESTING (NDT) services. Our knowledge in NDT and materials testing can help you select the appropriate technique and procedure to detect defects and irregularities in your products prior to putting them into operation.

Services provided consist of:
• Visual Inspection (VT)
• Bolt, Studs, Improper weld height, Suck back, Surface cracks
• Dye Penetrant Examination (PT)
• Metals, Plastics, Cracks, Porosity
• Magnetic Particle Testing (MT)
• Castings, Welds, Seams, Embrittlement
• Ultrasonic Testing (UT)
• Alloys, Shrinkage cracks, Stringers, Hydrogen Flakes, Incomplete fusion, Material thickness, Corrosion and wall loss
• Phased Array UT (PUT)
• Hardness testing
• NDT /NDE Training
• Welder qualifications and welding procedures
• Radiography interpretation and Coordination

Many clients have increasing awareness regarding the need for testing solutions. This need focuses on two challenges: the identification of issues early in a process and the significant reduction of adverse consequences. This growing market awareness focuses on the importance, acceptance and implementation of Non-Destructive Testing.

Non-Destructive Testing (NDT) plays a vital role in providing an excellent balance between quality control and cost effectiveness. TRC provides qualified staff and experience to satisfy your needs.
TRC staff provided third party structural steel inspection during the construction of PNC Park, a $216 million baseball stadium in Pittsburgh.

TRC staff provided concrete and steel inspection, including NDT, for the 236,000 sq. ft. Alcoa Corporate Center in Pittsburgh.

TRC staff provided steel NDT inspection associated with a $33 million redecking of this historic structure in New York City using design-build.

Why TRC?
• TRC has a long history as expert problem solvers.
• We excel in constructing creative options to find the optimal solution for our clients.
• We are dedicated to helping our clients reach their ultimate goals.

For more information, please contact:
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