



NON-DESTRUCTIVE AND DESTRUCTIVE STEEL SERVICES

Many clients and projects require unique challenges beyond engineering and our special inspections services, so Olsson Associates maintains staff members and specialty equipment to service those demands. We will work with you to plan and implement projects, programs, and amenities to meet your needs.

Olsson's Steel Service team members are highly regarded in the industry as experts and are able to support your needs and demands for your projects no matter how technical. Our services continue to grow as our clients' demands do! Olsson has the expertise to provide specialty testing and inspections such as radiographic testing with mobile laboratories, NACE inspections, AST tank inspections and the new phased array. We also provide on-site welding procedures and certifications to make life easier for your staff members. In addition, we provide a full-service materials laboratory providing not only non-destructive but destructive testing.



NDT AND DESTRUCTIVE STEEL SERVICES | SERVICES

Field Testing

- Skidmore Willhelm - Bolt Testing
- Visual Inspections
- Rebar Locating
- Phased Array Ultrasonic Testing
- Ultrasonic Testing
- Magnetic Particle Testing
- Liquid Dye Penetrant Testing
- Radiographic Testing
- Writing of Welding Procedures
- Writing of Bolting Procedures
- Certification of Welders
- Developing Quality Control Manuals
- Installation of Quality Control Manuals
- CWI Training
- Steel Frame Inspection

Laboratory Testing

- Macrotech
- Bend Testing
- Tensile Testing
- Milling of Specimens
- Ultrasonic Testing
- Magnetic Particle Testing
- Liquid Dye Penetrant Testing
- Radiographic Film Interpretation
- Charpy-V-Notch
- Rockwell Hardness
- PMI Testing

Inspection Services and Knowledge of Codes

- Weld Quality Inspections
 - CWI
 - ICC Welding Inspections
- Quality Assurance Inspections
- Quality Control Inspections
- IBC Inspections
- API 650, 653 and 1104
- AWS D1.1, D1.3, D1.4, D1.5, etc.
- ASME I, V and IX, etc.
- B31.1 and B31.3
- AST Inspections
 - Shop Fabricated Tanks (above ground)
 - Small Field Erected Tanks

Protective Coatings

- NACE Coating Inspector
- Holiday/Pinhole Detection
- Wet/Dry Film Thickness
- Ambient Condition Monitoring
- Surface Preparation Verification
- Surface Contamination Analysis
- Pit Depth Measurement
- Painting Operation Monitoring
- Compressed Air Blotter Tests

