



Structural Integrity Associates, Inc.®



High Pressure Equipment Inspections

Take the pressure off with advanced solutions from Structural Integrity...

As non-destructive examination (NDE) technologies continue to advance, some are migrating into niche industries, such as high-pressure equipment applications. These applications present unique inspection challenges, including deep bores, thick section components, weld overlays, and complex geometries.

At Structural Integrity, we never shy away from a challenge.

SI is a global leader in the development and delivery of state-of-the-art inspection technologies. We work hard to stay on the leading edge of NDE technology to offer you the most accurate inspections of high pressure equipment available today.

ADVANCED NDE OFFERINGS

Structural Integrity is proud to offer the industry's most advanced NDE solutions for high pressure equipment:

- Phased Array Ultrasonic Testing (PAUT)
- Eddy Current Array (ECA)
- Guided Wave Testing (GWT)
- Custom Scanners/Encoders (Automated & Manual)



Applying these modern techniques can lead to a more accurate assessment of your equipment's fitness for service. Armed with the facts about equipment condition, owners can make informed decisions about asset management.

BENEFITS

Compared to traditional NDE approaches, such as radiography and liquid penetrant inspection, SI's advanced techniques offer a number of advantages, including:

- Greater flexibility for inspection of complex geometries and difficult-to-access areas
- More accurate flaw detection, including high-resolution detection of defects in all orientations
- Faster turnaround times
- Reduced maintenance costs
- Permanent data storage

For more information, please contact:

Call Toll Free
877-474-7693
877-4SI-POWER

Visit our website at:
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Along with the industry's most advanced technologies, we bring you a world-class team of technicians to implement them. With hands-on experience in all forms of NDE, SI can help plant owners choose approaches that will improve inspection accuracy and save time and money.