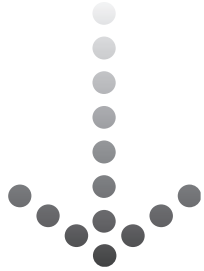




# Asset Integrity

## API Inspections & Non-Destructive Testing (NDT)



**Do you know  
how your assets  
are deteriorating  
before it is  
too late?**

### Questions?

**Contact:**

**Phone:** 316.927.4290  
125 N First Street  
Colwich, KS 67030  
[www.erisolutions.com](http://www.erisolutions.com)



**Knowing how your assets are holding up to the wear and tear of daily operations is vitally important as it helps you fix issues before they potentially become catastrophic.**

**We offer the following API & NDT capabilities, certifications, and services to support your company:**

### **API & AWS Inspection Services**

#### **Certified API Inspectors & Other Services**

API 510 – Pressure Vessel Inspection Code  
API 570 – Process Piping Inspection Code  
API 653 – Tank Inspection (API 650 Tanks)  
AWS CWI Qualified – American Welding Society  
Infrared/Thermal Testing – (IR) Imaging Services

### **Non-Destructive Testing Services**

#### **Certified SNT-TC1A 2006 & 2011 Level II & III**

Ultrasonic Testing – Thickness (UTT)  
Ultrasonic Testing – (UT)  
Liquid Penetrant Testing – Visible & Fluorescent (PT)  
Magnetic Flux Leakage – Floor & Hand Scan (MFL)  
Magnetic Particle Testing – Visible & Fluorescent (MT)  
Visual Testing – Direct & Remote (VT)  
Vibration Analysis – (VA) Category 1, ISO 18436-2

### **ERI Certified Inspectors/Examiners: Helping you maintain compliance with ASME Boiler & Pressure Vessel Code, API Codes & Standards**

When you call upon ERI Solutions to inspect your pressure vessels (internal/external, fired/unfired, in-service shut down inspections); Process Piping (stainless/carbon steel, ambient/cryogenic); Tanks (internal/external, 5 year/10 year, API/non API); or Structures (per quote), be assured that only procedures & personnel meeting all National Codes & Standards will be brought to bear on your behalf. Supporting you and your company is our job.





## **ERI API & NDT Personnel Certifications**

Our formally certified personnel are your primary asset. Our personnel are subjected to qualification and certification processes without exception. ERI never utilizes “appointments” in any NDT position and maintains full education and training records on each individual. Formal examination grades are maintained as a matter of record. Certifications are extensively documented and in compliance with API, ASNT & ISO Codes, Standards & Recommended Practices.

Our personnel carry accredited degrees in Nuclear Engineering, Chemical Engineering & NonDestructive Testing. Having held key positions within chemical companies, manufacturing/structures, third party inspection agencies and even FAA Certified Repair Stations – we represent your interest as our own. We offer over 100 years of cumulative inspection experience tailored to your systems.

## **Inspection Equipment & Instrumentation**

Without the correct approved inspection equipment and instrumentation, even the most qualified inspector or examiner is insufficient. In your interest, we select, scrutinize and place in service only the best NDT & Inspection Equipment traceable to NIST Standards. Recent additions include the new Silverwing MFL 3D tank scanner and Scorpion UT Tank Crawler System. These cutting edge units allow us to offer you reports and data that other companies simply cannot match. Our investment in this type of equipment is nothing less than an investment in your plant and assets. All NDT equipment is Level III and Managing Engineer approved without exception.

## **Quality Management System – “Essential Variables”**

We hold ourselves to a higher standard. Each area—from NDT inspection procedure development and approval to timely and compliant instrument calibration—is officially assigned & documented. Steps are followed in all matters resulting in consistency and compliance. ERI recognizes that control of “essential variables” in accordance with ASME and other national codes is vital to your safety & efficiency –as well as our success. This self-imposed QMS ensures that all critical parameters are known, faithfully duplicated, officially documented and fully compliant. Knowing the codes and standards has its advantages. We exceed the requirements of ASME and other codes for you. We know your personnels’ safety depends on our integrity, knowledge and attention to detail.

