

# Pipeline NDE Technologies

Your Pipeline  
Integrity Partner



A HIGHER LEVEL  
OF RELIABILITY®



# Our Commitment to Pipeline Integrity

Committed to delivering a higher level of reliability, Acuren provides an unrivaled spectrum of services to support the safe operation of pipelines. We have services to manage risk in all environments as well as robust programs to meet a variety of pipeline owner's or operator's needs. Our expertise in weld inspection, crack sizing, corrosion mechanisms, failure analysis, material verification and other threats to safe operation has made us the first call for North American pipeline operators across North America.

Acuren's integrated core competencies within pipeline integrity allows us to provide turnkey solutions that maximizes savings for our customers. Our multi-certified experts, paired with the industry's most advanced technology, ensure we complete every job efficiently. Acuren's proprietary equipment allows us to complete the work in less time, with more data collected, saving on construction crew downtime.

Pipeline owners or operators have a diverse range of needs, and while no single provider meets all, we have chosen to focus our experience, expert knowledge and technology in the areas where we can offer service and execution excellence. Acuren has developed our midstream program to support all aspects of material testing, partnering with and engaging owner/operators in auditing programs, gap identification, paper record digitization and standardization, digital data gathering platform development and investing in new material verification and testing technologies.

## ACUREN MATERIAL VERIFICATION RELATED SERVICES

1. Automated Indentation System Tester
2. Hardness, Strength and Ductility Tester – MMT
3. LIBS/XRF/ Positive Material Identification
4. Eddy Current Array – Hard Spot, Stress Corrosion Cracking
5. Optical Emission Spectroscopy (OES) – metal chemistry; CE

## WE'RE HERE TO HELP

- We are an integrated solutions provider.
- We offer the **right** solution for your business.
- Our experience and capabilities align with the logistics of your pipeline operation.
- We can customize a solution that could include these essentials:
  - ◊ Hardness, Strength and Ductility (HSD) testing, which measures the yield strength, ultimate tensile strength, and strain hardening of pipeline steel.
  - ◊ We will determine seam identification, grain structure and chemical composition.
  - ◊ Positive Material Identification (PMI) or Optical emission spectroscopy (OES) to reliably measure the carbon content of different steel grades.





## WHY ACUREN?

We have deep knowledge of, and experience in, the science of pipeline materials and safety with **a full suite of integrity and material verification services**. Our experience and history in metallurgy, pipe steel making, weld inspection, and damage mechanisms, combined with the latest in NDE and destructive technologies is unsurpassed.

- **20+ years of field experience** with large pipeline owner/operators
- **17+ locations near pipeline corridors** to minimize travel costs
- **Deepest bench** of field technician, metallurgy and pipeline engineering in the industry
- Deployment of **leading edge material verification technology**





"Acuren's technicians are very knowledgeable of our processes and procedures. They are very safety conscious which obviously shows by their impeccable safety record. Acuren has brought in new services and technology which is vital to the inspection and integrity of our core pipelines. We have established cost savings using these inspection services. Acuren services have been available in short notices which aids in emergency type situations. Without a doubt, I confidently recommend Acuren to continue in servicing our inspection needs."

*Senior Inspection Specialist, Worldwide Energy Company*

"Acuren has supported my projects since 2007. The quality of individuals employed by Acuren is very high. They respond quickly and on short notice. They are self-sufficient with respect to inspections. They function with a high level of autonomy and with minimal oversight and coordination - this ultimately saves time, effort and headaches. They are highly accountable for their work scope and communicate well. In summary, I believe that Acuren is wholly meeting our needs."

*Construction Supervisor, Large North American Pipeline Company*

"I have worked with Acuren since 2006. Acuren technicians are very knowledgeable of our processes and procedures. They are very safety conscious as shown by their safety statistics with our business. Acuren is typically a first adopter of new services and technology which is vital to the inspection and integrity of our pipeline assets. They adopt new inspection techniques and reporting methodology to keep abreast of ever-changing regulatory demands of our business. Their technician certification and training program results in technicians that we have confidence knowing they are reporting accurate results of the field conditions. We typically require Acuren services on short notice when urgent situations arise in remote locations. They have been able to meet our needs in these cases. The dedication and knowledge provided by Acuren Inspection has been beneficial to our organization."

*Inspection Specialist, Leading North American Pipeline Company*



CONTACT OUR PLI EXPERTS TODAY

1-800-218-7450



[www.acuren.com](http://www.acuren.com)  
[info@acuren.com](mailto:info@acuren.com)