

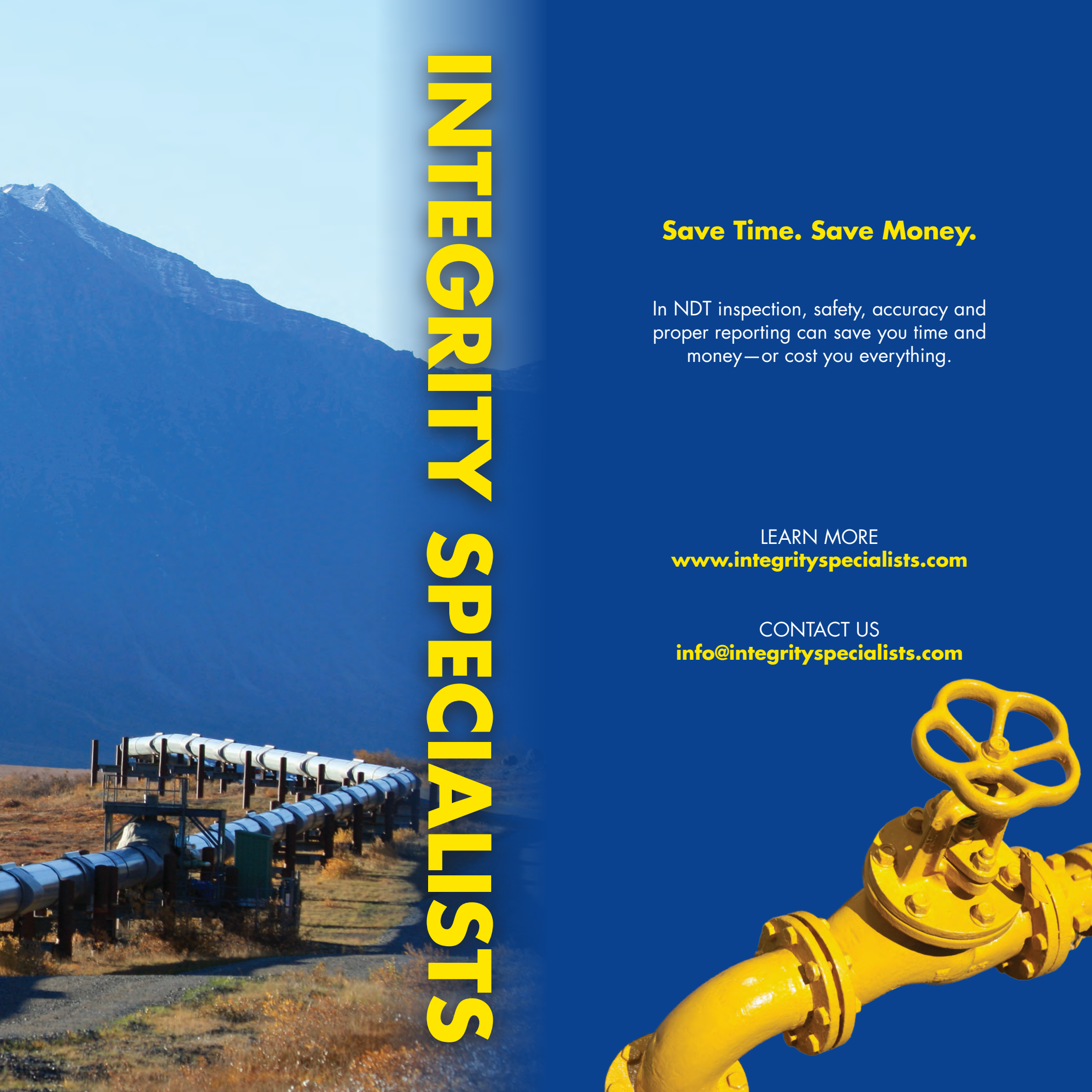
INTEGRITY SPECIALISTS

Save Time. Save Money.

In NDT inspection, safety, accuracy and proper reporting can save you time and money—or cost you everything.

LEARN MORE
www.integrityspecialists.com

CONTACT US
info@integrityspecialists.com



Our People.

Trained To Be The Difference.

Integrity Specialists is an industry-leading provider of traditional and advanced NDT inspection services to the natural gas, petroleum and petrochemical industries. Our mission is to provide the highest quality inspection services to our clients. We are committed to the integrity of environmental delivery systems and safety of engineering equipment.

We support the upstream, midstream and downstream interests of our clientele.

Because Integrity Matters

It Starts with First-Class Training

Our commitment to first-class training means that every employee who walks into the field as a lead technician is exceptionally prepared to tackle any challenge that comes their way. This includes classroom and in the field training. Integrity Specialists values your time and money, and our field technicians are trained to make the most of your dollar. You can trust our technicians to correctly conduct the required NDT methods on your job site to ensure the health and safety of everyone involved.

And Continues with Advanced Training

Integrity Specialists is dedicated to the continuing education of all our project managers and technicians. As new techniques for NDT are developed, we ensure all employees receive relevant and updated training including advanced and emerging technology each year. When new samples are brought in from the field, all employees have the chance to practice the necessary evaluation methods to maintain their skills. We are committed to instilling knowledge in every employee who will be on your site.

INTEGRITY ON YOUR SITE

When it comes to non-destructive testing (NDT), knowing the integrity of the people on your site is everything. At Integrity Specialists, we invite you to see the difference in our project managers and technicians.

CULTURE »

Our top priority is building lasting relationships and trust with our clients. From the start, our goal has been to be the best service provider by outperforming our competition and over-delivering to our clients. This has been accomplished with a team approach, from ownership down through assistant technicians.

SAFETY »

From office workers to those out in the field, Integrity Specialists is committed to keeping everyone's workplace a healthy and safe place to be. We have built a comprehensive safety program and take great pride in our safety record.

OPERATOR QUALIFICATION PROGRAM »

Integrity Specialists maintains OQs through Veriforce, OQSG, and ITS. We take pride in maintaining a client grade of A or better through ISN.



Attention to Detail

“ Integrity Specialists has provided excellent service to our pipeline integrity programs for many years. They have consistently shown great attention to detail and effective communication when evaluating and documenting a wide range of pipeline defects in the ditch.”

Pipeline Integrity Engineer



PIPELINE - SPECIFIC TECHNICAL TRAINING

We believe in continuing education. Our technicians receive over 80 hours of training each year based on real-world samples, not just lab-created flaw specimens. We have acquired a large selection of in service pipe sections and coupons with various flaws for training.

PIPELINE INTEGRITY

As an operator, you want peace of mind when it comes to regulatory compliance and audits. This means you need to trust that reports generated by technicians from collected data are 100% accurate before being posted. This needs to be done as quickly as you need it.

Our complete reporting package can be tailored to your specific inspection needs. We include all details for the root cause analysis in our reporting — starting with a general site assessment, soil resistivity and pH, coating condition, pipe-to-soil measurements and pipe pH readings. Every report includes detailed photos and is delivered in an efficient and timely manner.

ROOT CAUSE ANALYSIS »

- Dig location and topography
- Soil resistivity
- Cathodic Protection (pipe to soil readings)
- Soil pH
- Existing coating evaluation
- Deposits located on the pipe and deposit pH
- pH of liquid under coating
- Soil samples and MIC testing
- Foreign structures
- Soil strata

DIRECT ASSESSMENTS / ILI VERIFICATION »

- ECDA – external corrosion
- ICDA – internal corrosion
- SCCDA – stress corrosion cracking
- ILI tool validation
- Dent and mechanical damage assessment
- Advanced UT methods for long seam evaluation
- Positive material Identification
- Hardspots
- Recoat assessments



TECHNICAL EXPERTISE

Our ASNT Level III's and Technical SMEs provide basic and advanced ongoing training in all NDT methods. Staying current with advanced methods and emerging trends sets us apart from the competition.

ADVANCED TECHNOLOGIES

We leave no stone unturned when it comes to researching and applying the most innovative technologies to deliver the best possible solutions to your NDT challenges. Our commitment to research and training never ends.

- **PAUT** - Phased array ultrasonic testing saves you money with less downtime compared to X-ray. Scanning is manual or automated, fully encoded and digitally recorded.
- **PAUT (FMC)** - Full Matrix Capture produces superior image resolution and flaw detection by firing each element individually and sequentially while the rest acquire data.
- **PAUT (TFM)** - Total Focus Method is the data processing and imaging technique that uses FMC data.
- **PAUT (PCI)** - Phase Coherence Imaging is a method that uses phase shift while standard PAUT will also apply amplitude. Using PCI can produce more accurate sizing and classification of linear defects.
- **HydroForm** - Manual PAUT scanner used for mapping internal defects.
- **Frontics** - Continuous evaluation of fracture toughness, impact toughness, hardness, and residual stresses, providing advanced material property characterization in the field.
- **Plastometrex** - The PLX-Portable provides reliable, in-situ stress-strain results quickly and with no hidden fees, delivering report-ready TVC data instantly at the dig site.
- **Guided Wave Ultrasonic Testing (GWUT)** provides 100% volumetric screening of long pipe runs from a single test location to detect internal and external wall loss, using a code- and regulatory-accepted examination method. GWUT eliminates the need for costly excavation, insulation removal, or scaffolding. Applied to metallic piping typical GWUT applications include:
 - Cased and non-cased piping at road, rail, and river crossings
 - Above-ground insulated or inaccessible piping
 - Buried piping and corrosion under insulation assessments
 - Touch point and crevice corrosion (such as corrosion under supports)
 - Weld location determination
 - Permanently installed monitoring
- **Short Range Guided Wave** - Short-range guided waves are ultrasonic waves used in non-destructive testing to detect defects in confined or hard-to-access areas over short distances.
- **Automated C-Scan** - Automated UT system for scanning large areas of pipe for internal corrosion with repeatable accuracy while saving time. Provides a C-Scan image of the corrosion.
- **Creaform Laser Scanning** - Creaform offers built-in remaining strength and strain analysis, visual 3D reporting, and mechanical damage and dent strain analysis.

Accuracy and Reliability

“ The integrity of pipelines relies on the integrity of the inspection equipment. Eddyfi Technologies’ proven solutions offer accurate, reliable and repeatable data in real-time.”

Eddyfi

INSPECTION ASSISTANCE

Spyne is designed to aid in improving practical planning, reducing operational and safety risks and increasing profitability.

EDDYFI SPYNE

Spyne, an adaptable surface Eddy Current Array (ECA) screening tool, is specifically engineered to maximize productivity for the detection of Stress Corrosion Cracking (SCC) cracks, subsurface defects, and pitting in various critical components such as high-pressure gas pipes, vessels, tanks, pipelines, and more. With a higher PoD than MPI/PT and with its ultrafast capabilities, it paves the way to unprecedented efficiency.

APPLICATIONS »

- Stress Corrosion Cracking Direct Assessment on Pipelines
- Hard Spots on Pipelines
- Cracks on High-Temperature Emulsion Pipelines
- Early-Stage Detection of Chloride Stress Corrosion Cracking (CSCC) in Stainless Steel Assets Storage tanks
- LNG tank floors
- Pressure vessels
- Yellow Jacket™ piping
- Corrosion underneath coatings

Eddy Current Array (ECA) has proven to be a highly effective solution. Combining high resolution and sensitivity, ECA can detect CSCC at its very early stage. The wide coverage contributes to carrying out reliable inspections at high speed, reducing shut down time and overall costs.

www.integrityspecialists.com



Precision and Efficiency

Integrity Specialists applies the right technology to each project, ensuring accurate material verification to provide the Traceable, Verified and Complete (TVC) records that are essential for pipeline operators.

FRONTICS MATERIAL VERIFICATION

FRONTICS enables measurement and analysis in real-time using a laptop and all-in-one software that performs every function from testing and analyzing to making a report.

MATERIAL VERIFICATION

Integrity Specialists provides quantitative chemical analysis and comprehensive material verification using advanced portable technologies and experienced NDT personnel. We perform hardness testing with in-situ metallography to verify material chemistry and mechanical properties — all without removing equipment from service.

CAPABILITIES »

- **FRONTICS Testing:** Continuous evaluation of fracture toughness, impact toughness, hardness, and residual stresses, providing advanced material property characterization in the field
- **Plastometrex:** the PLX-Portable provides reliable, in-situ stress-strain results quickly and with no hidden fees, delivering report-ready TVC data instantly at the dig site.
- **LIBS (Laser-Induced Breakdown Spectroscopy):** Portable technology delivering highly accurate carbon analysis in an argon-purged environment.
- **XRF (X-ray Fluorescence Spectroscopy):** Portable alloy identification and chemical analysis of solid metal samples.
- Actual wall thickness, Long Seam type, and Actual measured Outside Diameter.

We deliver accurate, defensible data to support quality control, compliance, and engineering assessments — efficiently and with minimal operational disruption.



Together, Continued Success

“ The Integrity Specialists team is an important part of our integrity projects. Integrity Specialists have consistently provided exceptional service meeting our pipeline integrity needs, and we look forward to our continued success together.”

Pipeline Integrity Manager

WE HAVE A SOLUTION FOR ANY PIPELINE INTEGRITY OBSTACLE

ACCESS TO AN EXTENDED TEAM OF DEDICATED EXPERTS »

Through our sister company, Structural Integrity Associates (SIA), Integrity Specialists clients have access to one of the industry's most capable pipeline integrity and engineering teams. Their expertise spans pipeline safety regulations, Fitness-for-Service (FFS) evaluations, fracture mechanics, metallurgy, In-Line Inspection, and Engineering Critical Assessments (ECAs) — Supported by advanced technology and a team of seasoned professionals — many with decades of hands-on experience as pipeline operators. SIA also brings advanced and non-traditional NDE expertise and a culture of inspection innovation that continually raises the bar for what's possible in pipeline integrity.

METALLURGICAL LABORATORY »

Structural Integrity is well established as an industry leader in materials evaluation and failure analysis. Our metallurgical experts, located at our state-of-the-art metallurgical laboratory in Austin, Texas, are equipped to tackle the toughest problems affecting material performance. Our field metallurgy team applies that same laboratory-based expertise directly in the field to deliver services including:

- Positive Material Identification (PMI)
- Metallurgical Replication
- Hardness Testing

REMOTE INSPECTION CAPABILITIES »

We offer a suite of remote NDE technologies to midstream asset integrity — reducing operational disruption, keeping personnel out of hazardous environments, and delivering the data quality needed for confident engineering decisions.

- **Drones (UAV Inspection):** UAVs equipped with visual sensors and LiDAR inspect hard-to-access structures and generate precise 3D maps that pinpoint areas requiring follow-up attention.
- **Robotics (Tank Inspection):** Robotic platforms inspect storage tank floors without draining, rapidly screening large areas and marking indications for follow-up with advanced NDE. Chime plate inspections are available as a complementary manual service.
- **Remote Monitoring:** Traditional sensor arrays and spray-on thick film sensors provide continuous wall condition tracking, paired with SIA's SIIQ platform for real-time condition assessment, damage trending, and remaining life analysis.
- **Inline Inspection (ILI):** We deliver turnkey inline inspection (ILI) programs backed by strong vendor partnerships and Structural Integrity's engineering expertise. Comprehensive services include feasibility assessments, tool selection, test spool fabrication, execution of tool runs, NDE of validation digs, and run validation in accordance with API 1163.

YOUR PIPELINE INTEGRITY CHALLENGES, SOLVED »

Working with Integrity Specialists means more than a single point of contact — it means seamless access to the full depth of Structural Integrity's seasoned engineering team and cutting-edge technology whenever a challenge demands it. From regulatory compliance to advanced field assessments and laboratory analysis, Structural Integrity stands ready as a trusted extension of your team, ensuring no pipeline integrity obstacle goes unsolved.



Beyond the Expected

“ We choose Integrity Specialists for several reasons. They are always ready to help us, even on short notice. Their dedication to their work goes above and beyond what we expect.”

Asset Integrity Engineer



Top-Notch Experience

“ Their skill set and experience level are top-notch from my point of view. Their attention to detail and ability to manage vast amounts of data are critical to our success.”

Asset Integrity Engineer

INSPECTION SERVICES

Having qualified and knowledgeable inspectors saves you time and money. Our inspectors will ensure the quality and compliance of materials and craftsmanship for your project.

CERTIFIED INSPECTORS »

- American Petroleum Institute 653, 510, and 570 inspections of storage tanks, pressure vessels, and piping inspectors
- American Society of Non-Destructive Testing TC-1A NDT Technicians
- American Welding Society certified welding inspectors
- AMPP-certified coating and cathodic protection inspectors
- Utility inspectors

MECHANICAL INTEGRITY

QA/QC SUPPORT » To ensure the highest quality finished product, you need the highest level of quality control. For your new construction or repair projects, let us show you the difference our personnel can make.

SERVICES »

- Corrosion under insulation inspections
- Fitness for service calculations, customizable computerized reporting and vessel management software
- Hardness testing
- Laser scan inspections of tank floors
- Magnetic flux leakage and tank floor inspections
- Magnetic particle evaluations (wet/dry, visible and fluorescent)
- National Association of Corrosion Engineers coating and cathodic protection inspections
- Phased array ultrasonic testing of material and weld inspections (manual or automated acquisition)
- Positive material identification
- Dye penetrant evaluations (visible and fluorescent)
- Ultrasonic shear wave inspection of welds
- Ultrasonic thickness inspections (manual and automated)
- Vacuum box weld evaluations
- Visual inspection programs

INTEGRATED TECHNICAL SUPPORT

Integrity Specialists is part of SI Solutions, a leading provider of professional and specialty services to critical infrastructure asset owners worldwide. Through its strategic business units, SI Solutions serves nuclear power, power generation, utility & energy, pipelines, civil infrastructure, and process industries across the U.S. and internationally.

Within this structure, Integrity Specialists and Structural Integrity Associates (SIA) work in close coordination to provide integrated technical and regulatory support to pipeline operators.

Integrity Specialists delivers advanced NDT, material verification, and field-based inspection services — generating accurate, defensible data at the asset level.

Structural Integrity Associates (SIA) provides engineering analysis, integrity management expertise, and regulatory program support — transforming field data into actionable engineering and compliance decisions.

SIA's advanced engineering skillset integrates seamlessly with the inspection and material characterization capabilities of Integrity Specialists, enabling clients to move efficiently from field execution to engineering evaluation to regulatory documentation — all within one coordinated team.

Experience the efficiency of seamless coordination between field execution, engineering analysis, and regulatory compliance. Connect with us at info@integrityspecialists.com to learn how our integrated approach supports your pipeline integrity goals.

www.integrityspecialists.com



An **si** SOLUTIONS™ Company