

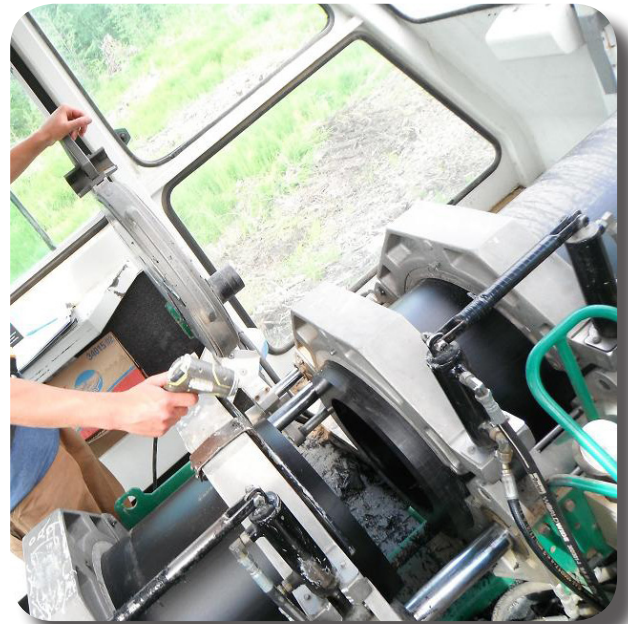
Materials Engineering Evaluation and Inspection

Advanced Nondestructive Technology and Techniques

Reduce Costs

Improve Safety

Extend Asset Life





Expertise Built Over Decades

During three decades of fabrication shop and pipeline integrity experience, Spectrum has specialized in applying only the most advanced nondestructive and destructive testing applications.

Integrity Management Solutions

Pipeline Integrity Project Services

NDT

- Ultrasonic Testing
- Phased Array
- Radiography
- Magnetic Particle Testing
- Liquid Dye Penetrant Testing
- Hardness Testing
- Positive Material Identification
- Visual Inspection



Non-Metallic Testing

Non-Metallic Microwave NDT

Destructive Testing

Materials Evaluation

Ground Penetrating Radar

Welding Consultation





Unique Three-Phase Production Model

Pre-Production Service

- Determine customer's requirements, including any requirements not stated by the customer, but necessary for the specified result and/or intended use.
- Determine statutory and regulatory requirements related to the project.
- Review these requirements with the customer and clearly define the project.

Production Service

- Implement the inspection processes to meet the customer's specifications and Spectrum's quality policies and objectives.
- Monitor and measure the final product and relevant processes, and obtain customer's evaluations.

Post-Production Service

- Evaluate the processes to ensure customer specifications and Spectrum's quality policies and objectives were met.
- Take action to continually improve our product and processes, based on our customer's perception and on our internal quality system audits.

The Spectrum Advantage

1. Our expertise is based on three decades of applying advanced technology.
2. Spectrum technicians average an industry-leading 15 years of experience.
3. We specialize in using only the most advanced nondestructive testing applications.
4. Our Phased Array UT advantage is recognized by major fabrication shops.
5. We have the technology and expertise to achieve both your non-metallic and your metallic inspection objectives.
6. Spectrum is certified by ISNetworld, the global resource for connecting corporations with safe, reliable contractors and suppliers.
7. The certifications held by our technicians ensures complete satisfaction, every time.

About Spectrum

Demand for pipeline integrity and related services is increasing rapidly, and Spectrum is expanding to meet that demand. Spectrum brings decades of experience and the most advanced nondestructive examination techniques and technology. We offer pipeline integrity services to protect your investment and your bottom line, nondestructive analysis techniques to assess material, component and system properties without damage, and reliable inspection capabilities for non metallic components.

Spectrum specializes in applying very advanced non-destructive evaluation techniques to solve our customers' inspection and quality control challenges. For more than a decade we have specialized in using CIT Phased Array technology. And with the introduction of microwave inspection technologies, Spectrum has become the leader in both non-metallic and metallic NDT applications.

Support for the Industry

Spectrum's customers benefit from the technical support offered by Spectrum across all areas of NDT. This enables our clients to:

- ✓ Reduce cost & increase profitability
- ✓ Comply with government regulations
- ✓ Improve safety, quality and availability
- ✓ Establish & increase competitive advantage
- ✓ Extend useful service life

We offer services to:

Pipelines

Manufacturers

Oil and Gas Companies

Petroleum Plants

Fabricators

And more



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