

Technology Spotlight

Clarity. Integrity. Confidence.

Accurate and Efficient Detection of Metal Loss Anomalies





Accuracy and Precision Matters

NDT Global's metal loss inspection technologies provide cutting-edge solutions for pipeline operators seeking to optimize their asset integrity management. These technologies enable accurate and efficient detection of metal loss anomalies, corrosion, and other defects that could compromise the structural integrity and operational safety of pipelines. By utilizing state-of-the-art inspection tools and advanced data analytics, NDT Global offers robust solutions which enables operators to proactively identify and address potential risks while minimizing downtime and ensuring regulatory compliance.

Best For:

- Onshore and Offshore, liquid and gas pipelines
- Pipelines prone to metal loss and corrosion
- Robust integrity management planning

Features:

 <p>High-resolution Inspection Tools</p>	 <p>Comprehensive Data Analysis</p>	 <p>Proactive Asset Integrity Management</p>
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Accurately Detect and Size Challenging Corrosion

 <p>Complex corrosion</p>	 <p>Feature in feature</p>	 <p>Pitting</p>	 <p>AC-induced corrosion</p>
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Technological Advancements

Utilizing advanced and highly configurable ultrasonic and acoustic resonance-based tools, operators achieve highly accurate and reliable data, enabling detection and characterization of metal loss defects with exceptional precision.

- Overcome operational challenges with improved sensor designs, flexible tool configurations, and enhanced data analysis capabilities



Skilled Data Interpretation

Leveraging sophisticated data analysis algorithms and software, NDT Global's team of experts can accurately interpret inspection results. NDT Global's metal loss technologies provide actionable insights for efficient decision-making.

- Dually credentialed engineers and data analysts are uniquely qualified to identify pipeline features and provide diagnostic insights enabling operators to make informed decisions



Enhanced Pipeline Safety

With early detection and accurate sizing of metal loss anomalies, pipeline operators can proactively plan maintenance and repair activities, optimizing asset integrity management and reducing the risk of catastrophic failures.

- More than just a snapshot of your operation's pipeline integrity - you get The Power of Clarity™

