

ADVANCED NDT
WELDING INSPECTION
CONVENTIONAL NDT

PIPELINE INTEGRITY

NDT AUDITING

AUT DATA REVIEW



NDT Group Inc. (NGI) provides **Nondestructive Testing**, **Auditing**, and **Inspection** services to the industrial sector in Canada and across the world. Our company offers a combination of basic and innovative NDT Technologies, distinguishing itself as first-class provider.

RELIABILITY & INTEGRITY INNOVATIVE NDT SOLUTIONS

NGI delivers non-destructive testing and inspection services in a safe, experienced, and ethical manner. We are committed to continuous education, substantial training, and skilled performance in our quality control and safety protocols

We are a Nondestructive Testing (NDT) and Inspection services agency based in Ontario, Canada. Our inspectors & technicians have many combined years of experience in the examination of oil & gas. pipelines, refinery petrochemical and installations, pressure vessels, piping and storage tanks. Our testing and inspection services are available for projects worldwide.





PIPELINE INTEGRITY DEFECT ASSESSMENT



Pipelines are a critical part of our civil infrastructure. Safety and reliability are of the utmost importance. The potential for safety and environmental risks can be minimized through routine In-Line Inspections using Smart Tool Technologies. Problems identified using this technology need to be validated and assessed in the form or **Pipeline Integrity Assessment** digs.

NGI are leaders in Pipeline Integrity Assessments, providing a first-class service with unparalleled experience and expertise.

PIPELINE INTEGRITY SERVICES:

- Advanced crack sizing using PA, Tofd, Tip Diffraction, High Angle LW
- Corrosion Mapping Internal/External & Manufacturing Metal-Loss
- Automated UT Services (AUT)
- CWB Sleeve Certified Sleeve Inspections
- Coating Assessments and Inspections
- DSAW/FW/ERW Seam Evaluation and Flaw Characterization
- Field Moasurements

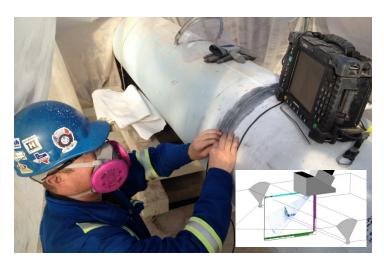
 Corrosion
 Plan

 Project Depth
 Profile

 Calculate Minimum
 Failure Pressure

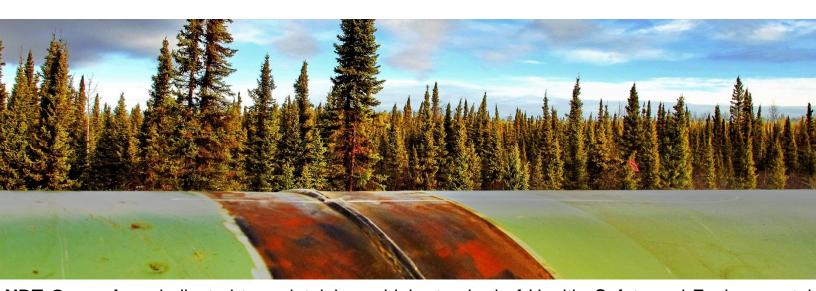
 Minimum Failure Pressure over Area A₁

- Visual, Magnetic Particle, Ultrasonic & Hardness Testing
- Full Defect Assessment and Mapping on ID/OD
 Deformations, Mechanical Damage, Cracking, SCC, Long Seam Flaws, Arc Burns& Manufacturing related anomalies
- CE Samples and Grind Repairs
- Correlation and interpretation of ILI Targets to as found conditions





SAFETY & ENVIRONMENT



NDT Group Inc. dedicated to maintaining a high standard of Health, Safety and Environmental performance. We believe that all work related injuries and illnesses are preventable. We are committed to maintaining occupational health and safety into all our business decisions to ensure the highest regard to safety of our workforce and the public. Our goal is to lead the industry in minimizing the impact of our NDT activities and promote a service line that has minimal effects on the environment.



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