

Integrated Engineering Assessment

Replace Hydrostatic Testing with Data-Driven ILI

Operators have historically used hydrostatic testing as part of their efforts to reduce pipeline failures. Hydrostatic testing is not only costly but can cause cracks to propagate in the pipeline due to high-pressure testing equipment. In addition, typical hydrostatic testing doesn't offer insightful information about the true condition of an operator's pipeline, providing only a minimal pass/fail analysis. Because of its inclusion in standard integrity management programs, many operators are not aware of alternative inspections.

Integrated Engineering Assessment replaces traditional hydrostatic testing for gas and liquid pipelines, reducing operator costs, eliminating unnecessary asset damage, decreasing people, business, and nature risk, and more efficiently and effectively manage pipeline integrity. Dynamic Risk's turnkey, statistically validated and integrated engineering assessment leverages advanced analysis of NDT Global's inline inspection (ILI) data, provides operators with confidence in the results, combining the accuracy of inspection technology with a full database of critical defects.

Benefits

- Integrated engineering assessment leverages advanced analysis of ILI data to ensure confidence in pipeline integrity.
- Allows operators to prioritize anomaly investigations through analysis of a statistically proven and defensible integrity model.
- Compatible with NDT Global's complete ultrasonic ILI pipeline inspection portfolio depending on the operators' requirements.
- Eliminates hydrostatic testing or significantly extends the time between testing intervals, reducing costs and the risk of unnecessarily damaging the pipeline.



Confidently Inspect Pipeline Integrity

Integrated Engineering Assessment provides a tailored project plan following a rigorous process for integrity management program reassessment, allowing operators to prioritize anomaly investigations with the intent of eliminating hydrostatic testing or extending testing intervals. Through the process, we deliver a statistically proven and defensible integrity model, bringing together our proven ILI technologies with Dynamic Risk's expertise in a packaged solution that our competitors simply cannot imitate.

Integrated Engineering Assessment can be run with the full technology portfolios of Dynamic Risk and NDT Global. Packaged as a repeatable process this service requires less data acquisition, fewer pipeline cutouts, and reduced laboratory testing, when compared to standalone services. By delivering multiple inspections and risk assessments over a long-term period, we can then provide the operator with a comprehensive report on pipeline condition.

Contact your local Dynamic Risk or NDT Global representative for further information. Dynamic Risk and NDT Global reserve the right to introduce modifications and changes without prior notice.