

Pipeline Integrity Management

IRISNDT Engineering develops pipeline integrity management programs routinely for upstream and midstream companies. Our engineering team:

- Develops and implements Pipeline Integrity Management Systems (PIMS) and supporting processes and procedures. This is collaborative work with our customers to develop effective programs.
- Supports pipeline risk management and conducts pipeline risk assessments. IRISNDT staff has over 25 years of experience conducting pipeline risk assessments for upstream, midstream and downstream customers in Canada and internationally.
- Develops Pipeline Operations and Maintenance Manuals (POMM) and supporting procedures.
- Develops pipeline field integrity plans to ensure all applicable pipeline hazards are understood, mitigated, monitored, inspected and are reviewed on a regular basis.
- Perform engineering assessments such as sweet to sour conversions, fitness for service, and analysis of Inline Inspection (ILI) results.
- Provides expertise to manage ILI programs and field verification digs.
- Performs downhole equipment corrosion assessments and provides material selection and inhibition expertise.
- Assists in pipeline license amendments.

Our team has years of practical experience in the development, implementation and execution of mitigation strategies corrosion monitoring programs and inspection. We combine a thorough understanding of pipeline operations, pipeline threats and hazards, pipeline failures, corrosion monitoring and inspection to maintain pipeline integrity and prevent failures.

For a lively discussion on the value of Pipeline Integrity Management, please see Ray Goodfellow at <http://www.irisndt.ca/engineering-services/>.

