



# Pipeline Field QA/QC Services



## QA/QC

PJ provides inspection management and oversight of the Supplier and Contractor quality management systems to ensure pipeline system installation integrity. A key component of this work is the verification and validation of the quality records as part of the final documentation needed for regulatory compliance and pipeline asset integrity management. The PJ involvement ensures that Supplier and Contractor contractual commitments are met in order to achieve a timely handover for the commissioning / startup activities needed to commence operations.

## Audits

As part of the Supplier and Contractor documentation; plans, procedures, method statements, inspection and test plans (ITP's), etc. are approved prior to commencing with any fabrication or construction activity. The PJ audits focus on Suppliers / Contractors executing works in accordance to the approved documentation.

## Inspections

PJ provides inspection services with qualified inspection personnel, experienced in pipeline fabrication and construction activities. Daily records are maintained throughout the construction period to demonstrate compliance and report progress.

## Services

- Review and approval of Contractor plans, procedures, inspection and test plans (ITP's)
- Technical audits of quality management processes implemented by the Construction Contractor
- Inspection of equipment and materials in supplier facilities and at site
- Inspection oversight of field activities including early-works, survey, right of way preparation, stringing, bending, welding / NDT, trenching, bedding/padding, backfill, reinstatement and restoration
- Verification / validation of manufacturing data records and completion documentation as part of the Owner Asset and Pipeline Integrity Systems into Operations

## Types of Projects

- Long-distance Concentrate and Ore Pipelines
- Tailings Pipelines
- Water Pipelines
- Oil and Gas Pipelines