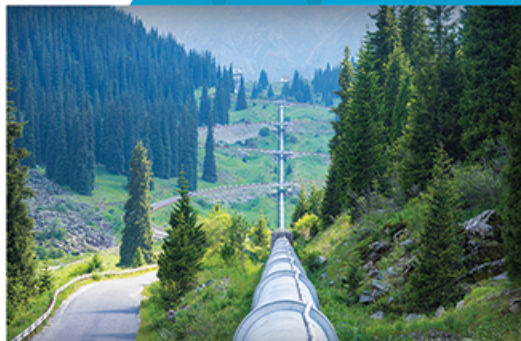




IN LINE INSPECTION

Integrated ILI integrity solutions to deliver run success

- ▶ Ultra High Resolution MFL
 - ▶ Ultra High Resolution C-MFL
 - ▶ Caliper
 - ▶ IMU
 - ▶ Combination
 - ▶ Tethered
 - ▶ Multi-Diameter pipelines
 - ▶ Low flow / High flow pipelines
-
- ▶ Pre-Cleaning (Chemical Cleaning)
 - ▶ Pig Tracking & Surveying
 - ▶ Temporary Traps
 - ▶ Filtration
 - ▶ Separation
 - ▶ Flaring with HRVOC Monitoring
 - ▶ Propelling with N₂
 - ▶ N₂ product displacement



PIPELINE OPERATIONS

Services to keep pipelines flowing efficiently with cleaning programs

- ▶ Temporary Traps
- ▶ Chemical Cleaning
- ▶ Corrosion Inhibitor
- ▶ Pig Tracking & Surveying
- ▶ Caliper ILI
- ▶ Filtration
- ▶ Separation
- ▶ Flaring with HRVOC Monitoring
- ▶ Propelling with N₂
- ▶ N₂ Purging



PIPELINE AND TANK MAINTENANCE

Services to prepare for maintenance and ensure the integrity of repairs

Preparation for Maintenance and Pipeline Decommissioning

- ▶ N2 Product Displacement
- ▶ N2 Blanketing
- ▶ Mechanical Cleaning
- ▶ Chemical Cleaning
- ▶ Filtration
- ▶ Separation
- ▶ Flaring with HRVOC Monitoring

Testing and Preparing for Operations

- ▶ Temporary Traps
- ▶ Water Fill
- ▶ Hydrostatic Testing
- ▶ Pneumatic Testing with N2
- ▶ Pressure leak Testing with N2
- ▶ Drying with Air
- ▶ Low Dew Point drying with N2
- ▶ Caliper ILI
- ▶ N2 blanketing



COMPRESSOR AND PUMPING STATIONS MAINTENANCE

Services to prepare for maintenance and ensure the

Preparation for Maintenance and Pipeline Decommissioning

- ▶ N2 product displacement
- ▶ Pipeline Chemical Cleaning
- ▶ N2 blanketing
- ▶ Filtration
- ▶ Separation
- ▶ Flaring with HRVOC Monitoring

Testing and Preparing for Operations

- ▶ Drying with Air
- ▶ Low Dew Point drying with N2
- ▶ Pneumatic Testing with N2
- ▶ Pressure leak Testing with N2
- ▶ N2 blanketing



NEW PIPELINE CONSTRUCTION

Final commissioning services
for new pipelines

- ▶ Temporary Traps
- ▶ Mechanical Cleaning
- ▶ Water fill
- ▶ Hydrostatic Testing
- ▶ Pneumatic Testing with N₂
- ▶ Drying with Air
- ▶ Low Dew Point drying with N₂
- ▶ Filtration
- ▶ Caliper ILI
- ▶ N₂ Blanketing



PLANT TURNAROUNDS

High purity liquid N₂ services

- ▶ Pre-turnaround Purging
 - ▶ Post turnaround Purging
 - ▶ Low Dew Point Drying
 - ▶ Inerting
 - ▶ Blanketing
 - ▶ Reactor and Catalyst Cooling
-
- ▶ Filtration
 - ▶ Separation
 - ▶ Flaring with HRVOC monitoring

