



# Solutions for Non-Piggable Piping Systems

## TURNKEY SOLUTIONS

MINIMIZE OPERATIONAL RISKS AND OPTIMIZE ASSETS



### WHY ACUREN?

- **Turnkey solutions:** Bundling services allows Acuren to effectively manage projects, reduce number of vendors, reduce costs, and reduce downtime for Owners.
- Expert engineers and inspectors experienced in pipeline systems.
- Respond in emergency situations to perform engineering evaluations, risk assessments and support Owners to return equipment back to service.

### ABOVE-GROUND PIPING

#### Visual Inspection

- API 570 Integrity Assessments
- Coating inspection
- Insulation inspections
- Develop CML Program

#### CUI Inspections - NDE Methods

- Moisture Detection Imaging (MDI), Pulsed Eddy Current (PEC), Computerized/Digital Radiography, Real Time Radiography (RTR)

#### Traditional NDE

- Ultrasonic Thickness (UT) Testing, Radiography, Magnetic Particle Inspection, Infrared Thermography (IR)

### BURIED PIPING

#### Cathodic Protection

- System design, annual surveys, repairs
- Close interval surveys
- AC mitigation / stray current assessment

#### Pipeline Integrity

- SCC Direct Assessment
- External Corrosion Direct Assessment
- Third Party Damage Assessment
- Internal Corrosion Direct Assessment

#### Other

- Coating Holiday Detection (Hawkeye)
- Unmanned Aerial Vehicles (UAV's)
- Depth of cover surveys

### BOTH ABOVE & BURIED PIPING SYSTEMS

**Advanced Testing** – Guided Wave, Time of Flight Diffraction, Automated UT, Laser Scanning

**Pipeline Integrity** – Program development for Regulatory compliance (OGC, AER, NEB, PHMSA)

**Industrial Services** – Remote Access Inspections, Repairs (Coating, Insulation, Electrical, Welding)

#### Engineering

- Failure Analysis
- Damage Assessment / Fitness for Service
- Pipeline Assessments
- Risk Based Inspection Management Programs
- Reliability Engineering /Condition Monitoring