

mears
A QUANTA SERVICES COMPANY

PIPELINE INTEGRITY
SOLUTIONS FOR PIPELINE OPERATORS

CAPABILITY OVERVIEW

Mears Pipeline Integrity delivers end-to-end solutions for pipeline operators. Our services cover integrity engineering, surveying and inspections, examinations and installations, integrity construction, and subject matter expert technical support. We serve operators from a single dig to full program management, scoping each engagement to how the operator buys work. Our integrity solutions focus on existing facilities, improving reliability through corrosion control and pipeline integrity systems. With more than 50 years of experience on underground structures, including oil and gas pipelines, distribution systems, electric transmission and distribution, and water and sewer, Mears offers superior underground solutions.

WORKFORCE & EXPERIENCE

More than 80 NACE/AAMP-certified professionals bring demonstrated expertise in cased pipe issues, including clearing shorts and filling casings. More than 50 MT/UT Level II trained technicians perform our NDE work, including material verification using PRCI and MMT methods. Every Mears construction foreman is AMPP/NACE CP1 certified or better. Certified technicians deliver in-hole pipe analysis, reporting, and recommendations, backed by in-house NDT assessment crews that support ILI and direct assessment confirmatory digs. By self-performing engineering, testing, examination, and construction, Mears keeps direct control over quality, scheduling, and results. With 50+ years of underground experience, our skilled workforce has the depth to meet any corrosion control and integrity challenge and accomplish our customers' desired results.

SAFETY & QUALITY

Mears operates with disciplined field controls designed for dynamic, production-driven environments. Our teams manage simultaneous operations, live product, and evolving site conditions while maintaining safety, quality, and productivity. Every job is planned around The Capacity Model™, emphasizing prevention, learning, and capacity for failure. We are committed to eliminating life-threatening, life-altering, and life-ending events.

WHY MEARS?

- ***PROVEN METHODOLOGY***
- ***FIELD-VALIDATED RESULTS***
- ***ENGINEERING-LED ANALYSIS***
- ***125+ NACE-CERTIFIED ENGINEERS***
- ***SELF-PERFORMED FIELD DATA COLLECTION***
- ***RISK-BASED PRIORITIZATION***



CORE SERVICES

DIRECT EXAMINATION / NDE

- Direct examinations, DA and ILI digs, NDE inspections
- Laser 3D surface scanning and automated ultrasound testing
- Phased array, shear wave, and magnetic wave examinations
- In-hole pipe analysis with direct exam, reporting, and recommendations
- Hardspot assessments
- Project and program/contract management

MATERIAL VERIFICATION

- PRCI method: ISO 9001 process validated on 50+ pieces of pipe. Hardness testing, chemical analysis (XRF/LIBS or burr sampling), acid etching, and microstructure analysis.
- MMT HSD method: Mears technicians support the lead MMT technician, eliminating the mobilization and cost of a second MMT tech.
- Material verification can be done with little additional technician time.

CONSTRUCTION SERVICES

- AC mitigation (zinc and copper), cathodic protection, and linear anode installations
- Cased pipe remediation
- Anomaly digs, re-coatings, repairs and repair sleeves, and replacements
- Pipeline replacement and relocation
- Excavations and hydro-excavations
- Data center excavation and trenching services
- Project and program/contract management, and engineering

ENGINEERING SERVICES

- Electric transmission and substations, underground gas transmission, mainlines and pipelines, facility and storage caverns, pipe-type cable, cathodic protection, and AC mitigation
- Program and procedure reviews
- Inspections, evaluations, regulatory compliance, designs, procurements, and commissioning
- Corrosion assessments, project management, and program/contract management
- ECDA, ICDA, SCCDA, and ECDA cased pipe assessments
- Failure and root cause analysis
- Litigation support
- Material identification and hardness testing
- Tower Corrosion Assessment Tool (T.C.A.T.®) for risk ranking and assessing HVAC towers

TECHNICAL SERVICES

- Soil resistivity, current attenuation, cathodic profile troubleshooting, and facility inspections (API 570)
- Above ground surveys, close interval surveys (CIS), depth of cover and inclination profile surveys, and sub-centimeter GPS surveys
- DC interference testing, AC CIS, DCVG, and ACVG
- Distribution leak survey
- Complete data analysis and reporting, including data integration and risk modeling

MARKETS & APPLICATIONS

- Natural gas transmission and distribution pipelines
- Oil and gas pipelines
- Electric transmission, substations, and pipe-type cable
- Underground storage caverns and facilities
- Water and sewer systems
- HVAC transmission towers