

# PIPELINE INTEGRITY SOLUTIONS

US Pipeline operators face increasing regulations focus on the safety of their transmission systems. The Office of Pipeline Safety mandates the development of comprehensive Integrity Management Programs (IMP) from pipeline operators. The revised 1910.119 CFR 49 became regulation following the signing of the Pipeline Safety Act of 2002. The legislation requires the implementation of comprehensive IMP's for the conduct of baseline assessments and period reassessments to identify and evaluate potential threats to pipelines, remediate significant defects discovered during these processes; and continually monitor program effectiveness so that modifications can be recognized and implemented. Part 192 (Gas), Part 194 (Oil) and Part 195 (Hazardous Liquids) require establishing (High-Medium-Low) Consequence Areas depending on severity of anomalies, and locations in proximity to general public over an extended period of time.

## Trained and Operator Qualified Technicians

### SPS provides customer solutions:

#### Utility Inspection:

- NACE Coatings Evaluation
- PH Measurements
- Cathodic Protection (Soil Resistivity)
- ILI Interpretation
- Dig & Backfill

#### Direct Assessment:

- Phased Array and Time of Flight Ultrasonics for Circumferential and Longitudinal Welds
- Internal Corrosion Mapping w/ *RStreng*
- Short-Range Guided Wave for Corrosion Detection under Pipe Supports
- External Laser Mapping & Dent Assessment w/ *Rstreng*
- Surface Eddy Current for detection of SCC and Hard Spots
- OES/PMI for Carbon Equivalency
- HSD—MEGA Rule Compliance (MMT)

#### OEM Partners:

- Olympus/Evident
- Eddyfi
- ScanTech
- Mitsubishi

