INTEGRITY ASSESSMENT
BURIED OIL AND GAS INFRASTRUCTURE (PIPELINES/STATIONS)

CRITICAL
As the world's buried oil and gas infrastructure ages, the key to ensuring that it remains safe and reliable, is the knowledge that operators need to develop a detailed picture of past, current and future integrity. This approach ensures that areas of concern can be addressed immediately before asset integrity is compromised. Corrosion Service has therefore adopted a risk based approach to integrity assessment, which elevates the importance of indication severity over superficial size. This enables our industry partners to become highly targeted with their remedial resources, maximizing the effectiveness of excavation and external corrosion repair activities, while minimizing risk to the environment and the general public.

DEPENDABLE
Corrosion Service specializes in providing pipeline integrity assessments for operators in the midstream oil and gas industry. Decades of technical research ensures that we intimately understand the requirements needed to provide above ground assessments that are highly accurate, and identify all threats in a clear and methodical manner. Our engineering staff are recognized as leaders in the provision of integrity analysis, and have an unparalleled ability to incorporate propriety techniques, and compensate for factors that typically result in underestimating threats to integrity. Our process for ensuring pipeline integrity has been verified against high resolution in-line inspection data and is consistently demonstrated as high quality and extremely comprehensive.

BENEFITS
• Minimize the risk of failure and exceed regulatory requirements for asset condition transparency.
• Maximize confidence and significantly reduce costs for multiple unnecessary excavations.
• Perform flexible, high quality inspections that indicate severity and allow prioritizing remedial action.
• Unparalleled understanding of standards allows efficient scheduling of assets with similar characteristics.
• Higher program accuracy through propriety data correction techniques, validated in the field.

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SERVICES
Our turnkey integrity assessment portfolio is built on a deep understanding of external corrosion, covering over line inspection to remediation.

- Annual test post surveys.
- Close Interval Potential Surveys (CIPS/CIS).
- Direct Current Voltage Gradient (DCVG) Surveys.
- External Corrosion Direct Assessment (ECDA).
- External Corrosion Engineering Assessment (ECEA).
- Pipeline excavation and coating repair services.
- Stress Corrosion Cracking (SCC) Assessment.

SAFETY
Safety is a fundamental company value that governs everything that we do. Our organization is firmly committed to protecting the health and safety of our Team Members, Customers, Contractors and the General Public. Working together on a foundation of commitment and enthusiasm, while integrating safety into all facets of our operations, we constantly strive to achieve a workplace free of hazards, injury and illness.

QUALITY
Our commitment to providing a combination of unparalleled customer service with a deep understanding of customer needs, directs the focus of our quality management system and instills a modern quality consciousness throughout our company. By adopting a culture that embraces complete quality responsibility, beyond the basics of inspection and test, every team member is empowered to take the necessary steps to realize that commitment. Our quality management system is aligned with the requirements of ISO 9001 and provides the high level of flexibility required in today’s fast-paced engineering world. Our dedicated quality professionals work with stakeholders to implement quality management practices that ensure we facilitate the efficient and effective delivery of products and services.

PROJECT MANAGEMENT
All team members are committed to the successful delivery of projects, and success is built upon a foundation of delivering on time and on budget. The primary role of our Project Management Office (PMO) is to provide all team members throughout the organization with a common Project Management Institute PMBOK aligned framework, for launching and implementing project activities. Monitoring of project delivery is facilitated through our industry-leading Enterprise Resource Planning software, and a project management environment built upon the Microsoft Project platform.

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