



CLEAR ANSWERS TO OUR CLIENTS' MOST CHALLENGING TECHNICAL ISSUES

ESI's pipeline experts work with regulators, operators, service providers, contractors, inspectors, and other interested parties in improving and evaluating the safety of offshore and onshore pipelines that transport hazardous liquids and natural gas throughout the world.

Our pipeline consulting group is composed of engineers and scientists with a background in metallurgy, corrosion, materials science, civil engineering, electrical engineering, fire and combustion, and mechanical engineering.

These consultants combine their engineering knowledge with industry specific field experience and state-of-the-art investigative technologies to solve your most relevant issues.

ESI's clients can rely upon our state-of-the-art facilities throughout the country, and our diverse practices, to provide your organization with the needed cross-disciplinary know-how. Our team of engineers have specific expertise in the engineering implementation of federal regulations and standards, and research conducted by all relevant organizations.



Engineering Consulting and Forensic Investigation

OUR AREAS OF SPECIALIZATION

- External Corrosion of Steel Pipes
- Maintenance Procedures
- Pipeline Crossings
- Pressure Design
- Pumps and Compressors
- Valves and Traps
- Pipeline Design
- Pipeline Construction
- Welding and Inspection
- Trench Work
- Project Cost Estimate
- Regulatory Compliance
- Risk Assessment and Hazard Identification
- Manufacturing Defects
- Ground Movements
- Leak Analysis and Operability
- Failure Investigation and Causation
- Integrity Management Program Assessment
- In-Line Inspection Evaluation

Contact ESI

To get in touch with the ESI pipeline team, call Alfred Pettinger, Ph.D., P.E. at (949) 336-9001 or send an email to ampettinger@engsys.com



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