

Intermediate Pipeline Integrity Engineer

Houston, TX

THE ROLE

As an Intermediate Pipeline Integrity Engineer, you will contribute to the development and implementation of strategic technical solutions for our clients and identify opportunities that will generate a new edge for Dynamic Risk's products and services within the pipeline integrity market.

The Integrity Engineer is a client-facing role requiring strong working knowledge and experience in pipeline integrity and risk and/or reliability methods. Experience with fitness-for-service assessments and fracture mechanics analysis is an asset. Demonstrated working knowledge of risk management, failure investigations, threat and consequence risk assessment, and in-line inspection is a requirement.

Strong communication and project management skills are required as well as the ability to draft technical reports and lead client risk-related workshops.

Our top performers thrive on working in a fast-paced and dynamic environment, where they contribute their technical expertise to client solutions. In this role, you will have the opportunity to demonstrate your strong work ethic, find the right solutions for our clients in a team environment, develop your leadership and client-facing skills, exercise independent judgment, and learn from the industry's top talent.

ABOUT DYNAMIC RISK

Dynamic Risk is a widely recognized integrity and risk management company in the energy sector. We've been delivering our expertise and solutions since 1996, and we have become the industry-leading provider of pipeline integrity management solutions. We are the only provider who combines science, engineering, and technology to help our clients operate efficiently, while at the same time improving pipeline safety and system reliability.

WHY JOIN US?

Dynamic Risk is committed to creating extraordinary value for our clients through technology and people. Our values define what we stand for and believe as a company, and our employees will tell you they are lived every day.

As a member of the Dynamic Risk team you'll work in a collaborative environment where individual contribution and leadership is encouraged, going above and beyond is recognized and rewarded, where technical challenges are inspiring and valued, and where you'll have direct influence on the Company's direction and success.

WHAT YOU'LL GET TO DO AS AN INTERMEDIATE PIPELINE INTEGRITY ENGINEER

- Participate in engineering assessment projects using reliability or quantitative risk-based approaches to support clients' decision-making processes
- Participate in risk assessment model development

- Take ownership of issues relating to engineering projects (as part of project team) and help to deliver the strategic value of the engineered solution
- Participate in the development of customized integrity management programs and practices/standards
- Participate in client workshops to identify the technical approach to meet client requirements – understand the nature of the data and support systems in place to establish the best risk solution
- Provide guidance to clients in integrity program scoping, maintenance planning, and overall integrity management projects
- Draft technical reports and conduct peer reviews of other engineer's work, and complete engineering projects
- Contribute and identify new features for ongoing database, software and GIS development, and participate in its design
- Participate in industry committees (ASME, CSA, NACE, API, etc.)
- Provide verbal and written project reports for external clients

WHAT YOU'LL NEED TO BE SUCCESSFUL

- B. Sc or an advanced degree in a relevant engineering discipline (e.g. Geomatics, Mechanical, Oil and Gas, Chemical & Petroleum, Civil)
- A minimum of 5 – 7 years of experience working in the pipeline industry
- Corrosion, cathodic protection, in-line inspection, and direct assessment experience desired
- Expertise related to the development and/or implementation of integrity management programs
- Previous experience in risk management, failure investigations, threat and consequence risk assessment, and in-line inspection
- Excellent working knowledge of pipeline industry standards and pipeline regulations
- Background in fitness-for-service assessments and fracture mechanics analysis would be a strong asset
- Demonstrated working knowledge of corrosion monitoring and mitigation, including NACE training and/or certification, would be a strong asset
- Excellent listening skills and the ability to communicate and lead client risk-related workshops
- Strong written communication skills and demonstrated ability to draft comprehensive risk reports
- Autonomous individual who is able to work successfully to defend and communicate the logic in a solution
- Ability to exercise independent judgment and discretion in performing tasks.

Apply to: careers@dynamicrisk.net

Dynamic Risk is an equal opportunity employer offering a competitive compensation package, and unlimited potential for professional growth and development. We are a premier provider of pipeline integrity solutions in North America and we excel at providing engineering expertise through technology.