Senior Pipeline Integrity Engineer  
Various Locations – Calgary, Houston, Tulsa and Atlanta

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’ve 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.

Dynamic Risk is a privately held company, achieving double digit growth year over year, for the past eight years. We are headquartered in Calgary, Alberta with US Operations located in Houston (The Woodlands). Our future is bright and we are actively expanding our capabilities and services to meet the needs of over 100 clients in North America.

THE ROLE
As a Senior 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 corrosion monitoring and mitigation, strong communication and project management skills are required as well as the ability to author technical reports and lead client risk-related workshops.

Our top performers thrive on working in fast paced and dynamic environment, where they contribute their technical expertise to client solutions. In this role you’ll have the opportunity to demonstrate your strong work ethic, find the right solutions for our clients in a team environment, leverage your leadership and client-facing skills, exercise independent judgment and mentor junior engineers.

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 A SENIOR PIPELINE INTEGRITY ENGINEER

- Lead engineering assessment projects using reliability or quantitative risk based approaches to support clients’ decision-making processes;
- Lead risk assessment model development;
- Take ownership of issues relating to engineering projects (as part of project team) and in helping to deliver the strategic value of the engineered solution;
- Participate in the development of customized Integrity Management Programs and practices/standards;
- Lead 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;
- Mentor junior engineers;
- Author technical reports and conduct peer reviews of other engineer’s work; completed 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;
- Corrosion, cathodic protection, in-line inspection, direct assessment experience desired;
- By example, establish and maintain a working environment conducive to positive morale, integrity, creativity, and a team-oriented workplace.

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 – 10 years’ experience;
- Strong technical skills and an interest in continuous professional development;
- Expertise related to the development and/or implementation of integrity management programs;
- Strong background in risk and/or reliability methods;
- Minimum of four years of experience in any of the following disciplines or industries:
  - Pipeline integrity management program development and implementation, or;
  - Pipelines risk and reliability analysis;
- 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 for external clients;
• Autonomous individual who is able to work successfully to defend and communicate the logic in a solution;
• Desire to work in an environment where all team members are encouraged to identify solutions;
• Ability to work successfully with minimal supervision;
• Professional, polite and respectful; and
• Ability to exercise independent judgment and discretion in performing tasks.

Apply at: 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.