



Integrity Engineer

6855 South Havana Street Suite 350
Centennial, Colorado 80112-3868
Phone: 303-792-0077
Fax: 303-792-2158
www.structint.com
sbiagiotti@structint.com

Major/degree required:

- Bachelor degree in Metallurgical, Mechanical, Civil, Chemical, or related engineering degrees, PE or EIT a plus

Experience required:

- Minimum 2 years experience in the Oil & Gas industry, preferably Pipeline Corrosion Engineering - inspection, prevention, design, corrosion control, or construction.
- Previous experience working with a pipeline operator or recognized corrosion control / inspection consulting company.
- NACE Certification - Corrosion or CP Technologist/Specialist desired (*will train*)
- General knowledge of business principles as well as basic engineering experience and understanding in the following areas is desired but not required: risk assessment, stress analysis, material deformation, fracture mechanics, steel metallurgy, nondestructive inspection, material property testing.

Responsibilities:

Structural Integrity Associates (SI) is a rapidly growing engineering consulting firm with a long history of innovation marked by creative approaches to structural evaluation and repairs for Oil & Gas related applications, as well as the nuclear and fossil power plants industries. Through the application of analysis, materials assessment, inspection and monitoring, we provide solutions to difficult engineering problems for our clients. SI is looking for highly-motivated, talented, industry-leading engineers who wish to grow and to take part in our growth.

Structural Integrity is looking for an entry-level or mid-level engineer with the creativity and experience to assist with the fulfillment of our many exciting projects. We're large enough to have a solid team, but yet small enough to be able to readily recognize unique contributions from individual team members. Our size and reputation also offers the ability to work closely with leaders in the Oil & Gas industry.

The position would involve assisting owners of pipelines with the implementation of pipeline safety through integrity management principals. This will predominantly involve the implementation of new practices and processes aimed at reducing the risk of pipeline failures through – cathodic protection, corrosion control techniques, NDE inspection practices, as well as data integration and evaluation using sound engineering principals.

We are also a leader in the deployment of long range guided wave technology and are continually enhancing the engineering benefit of this new technology. The role will evolve into a position best suited to leverage the candidate's long term skills and interests – either more in the field or in the office. NACE CP Certification Training is available.

Special Skills:

- Knowledge of the Pipeline Integrity Management Regulations
- Familiar with the DOT Integrity Management regulations (49CFR192 Subpart O and 195.452, as well as ASME B31.8S) - specifically with respect to Direct Assessment process and practices
- Formal education in corrosion control (i.e., NACE Courses) with an active minimum certification level equivalent to NACE Corrosion Technologist status – or interest in becoming certified for CP projects.
- Self Starter, well organized, and detail oriented
- Ability to adapt/develop new technologies
- Technical innovation and practical problem-solving skills are highly desired
- Willingness to travel to both field and office locations across US (10-40%)
- Excellent oral, written, and interpersonal skills
- Demonstrated ability to work in and contribute in a team environment
- Support the project managers in managing project budget and timeline
- Write a report on the findings, conclusions and rehabilitation recommendations
- Participate in the compilation of reports that describe the results of the project

Computer Skills:

MS Office (Word, Excel, PowerPoint, Outlook), MS Access
Perform QA/QC analysis of field data collected to accept Subcontractor deliverables

Job Location:

The position will be located in Denver, CO. One or more openings are available immediately.

Salary Range:

Negotiable based on experience

Structural Integrity Associates is an Equal Opportunity Employer