



Example of Integrity Engineer Job Description

Powered by www.VelvetJobs.com

Our growing company is searching for experienced candidates for the position of integrity engineer. We appreciate you taking the time to review the list of qualifications and to apply for the position. If you don't fill all of the qualifications, you may still be considered depending on your level of experience.

Responsibilities for integrity engineer

- Study and establish pipeline threat mechanisms where threat mechanisms are not well understood
- Identify gaps in technology, business processes or information pertaining to the pipeline integrity management process and work in cooperation with other departments to develop means of addressing the gaps in timely, cost-effective and efficient manner
- Fully leverage existing technology and assist with evaluating and/or developing new technology as needed to evaluate and manage specific integrity threats including but not limited to "in-ditch" and in-line inspection technology and associated processes
- Establish measures to mitigate threat mechanisms including establishing appropriate repair criteria and methods
- Selective participation within industry groups such as the Pipeline Research Council International (PRCI), Interstate Natural Gas Association of America (INGAA), NYSearch and select Joint Industry Progress (JIP) groups to facilitate the study of threat mechanisms, the development or enhancement of technology and the development of industry standards
- Represent company in select regulatory interactions and develop regulatory responses to failures as needed including integrity verification and remediation plans (IVRP)
- Continuous improvement of all aspects of integrity management program
- Perform Engineering Assessment on in-service pipelines for threat

- Provide expertise and coordinate the collaboration efforts related to complex repair/remediation planning
- Perform defect assessments and scope repairs

Qualifications for integrity engineer

- Ability and willingness to perform all essential functions of the position including those listed above
- Demonstrated ability to develop and refine processes
- Ability and willingness to coordinate projects and programs with field operating personnel, project engineers, and outside entities
- Strong focus on safe work practices and active participation in the safety program
- Ability to successfully work in team environment with a focus on both internal and external customers
- Demonstrated initiative and adaptability to manage multiple work tasks and changing priorities