



## Internal/External Job Posting

**Job Number:** 005699

**Closing Date:** January 3, 2021

Resumes received in our office after the closing date will not be considered.

<b>Position Title:</b>	<b>Integrity Engineer</b>
<b>Salary Band:</b>	J/K/L
<b>Range:</b>	DOE (Salary will be determined based on experience, qualifications and attributes.)
<b>Work Location &amp; Schedule:</b>	Anchorage/Valdez/Fairbanks This is a regular exempt position on an urban schedule of a 40-hour week or 9/80-work schedule. A Field based rotation schedule (e.g. 2:2 or FFUO) during implementation season (~April – November) is expected. Relocation benefits may apply.
<b>Number of Positions:</b>	One (1)
<b>Recruiting Contact:</b>	Tracey L. Mueller, Employee Relations Manager Alyeska Pipeline Service Company E-Mail: alyeska_jobs@alyeska-pipeline.com Apply on-line at www.alyeska-pipe.com
<b>Minimum Qualifications:</b>	<p><b>Applicants must meet or exceed these minimum job requirements to apply for this position.</b></p> <ul style="list-style-type: none"> <li>▪ Bachelor's degree in Engineering.</li> <li>▪ Minimum of two years' experience with project engineering and management including design engineering preparation and oversight, field implementation support, development of construction drawings, and project closeout.</li> <li>▪ Ability to coordinate and interact successfully with Discipline Engineering, Systems Integrity, Maintenance, and Third-Party support contractors</li> <li>▪ NACE and/or API certifications related to pipeline, facility piping, and storage tank inspections</li> <li>▪ Experience performing integrity examinations including: <ul style="list-style-type: none"> <li>- Internal/external pipe corrosion evaluations,</li> <li>- Mechanical damage assessment,</li> <li>- Aboveground storage tanks inspection/assessment,</li> <li>- Coatings assessment</li> <li>- Familiarity with NDT Methods for integrity direct examinations</li> </ul> </li> <li>▪ Ability to work independently and perform successfully in team environment</li> <li>▪ Ability to travel up to 50% and work weekends or varied shifts as required</li> <li>▪ Strong written and oral communication skills with demonstrated ability to work collaboratively with team members and internal and external stakeholders</li> <li>▪ A valid Driver's License is required to support visits to field locations</li> </ul>
<b>Preferences:</b>	<ul style="list-style-type: none"> <li>▪ Minimum of five years' experience with project engineering and management including design engineering preparation and oversight, field implementation support, development of construction drawings, and project closeout.</li> <li>▪ NACE International Cathodic Protection Technician (CP Level 2) or Cathodic Protection Technologist (CP Level 3)</li> <li>▪ Impressed current and galvanic cathodic protection system design for offshore and buried pipelines and structures</li> <li>▪ Installation support and commissioning of new cathodic protection systems</li> <li>▪ API 653 Tank Inspection Certification</li> <li>▪ Oversight of the inspection and repair/alteration of large hydrocarbon storage tanks</li> <li>▪ API 570 Process Piping Inspection Certification</li> <li>▪ Quality analysis and review of corrosion data including; in-line inspection, non-destructive testing, cathodic protection, corrosion inhibitor and biocide injection, corrosion coupons and external visual inspection</li> <li>▪ Oversight of non-destructive testing inspection contractors</li> <li>▪ Development, technical review, and regulatory support for Integrity Management Plans, operations procedures, and functional check-out procedures</li> <li>▪ Experience in direct examinations used for corrosion detection in piping, tanks, and valves</li> </ul>



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	<ul style="list-style-type: none"> <li>▪ Experience in pipeline threat identification, risk assessments, integrity assessments, and preventive &amp; mitigative measures</li> <li>▪ Experience in use of GIS for pipeline data Integration</li> <li>▪ Experience in corrosion monitoring, NDT inspection, and biocide/inhibitor and coating mitigation methods</li> <li>▪ Experience in scenario-based and probabilistic models used for integrity risk assessments</li> <li>▪ Excellent interpersonal, communication, and technical presentation skills</li> <li>▪ Ability to work independently and perform successfully in a team environment</li> <li>▪ Ability to coordinate and interact successfully with engineering and IM program and project implementation contractors</li> </ul>
<p><b>Accountabilities and Specific Requirements:</b></p>	<p>Under the direction of the Inspection, Implementation Field Support Manager, the Integrity Engineer is directly accountable for providing the technical leadership for the following:</p> <ul style="list-style-type: none"> <li>▪ Development/revision of inspection and monitoring procedures for facility assets</li> <li>▪ Providing direct technical support to programs and projects for asset inspections to detect corrosion on crude oil, natural gas, process, and utility piping at pump station and marine terminal facilities</li> <li>▪ Working collaboratively with other SI team members to ensure the efficient and effective planning, coordination, and completion of facility inspection programs</li> <li>▪ Assist with maintenance of SI procedures and Alyeska master specifications</li> <li>▪ Maintain/update SI program performance KPI metrics; perform program effectiveness assessments, and annual program reporting</li> <li>▪ Directly accountable to provide SI program technical SME support for obtaining inspection and monitoring data, evaluation and assessment of collected inspection data, program scope identification, interfacing with project field personnel, facility operations, and engineering personnel. The Integrity Engineer must be flexible and able to respond to unforeseen problems that must be addressed quickly so that program impacts are minimized. They work directly with contractors and should be familiar with contracting language in general.</li> </ul>
<p><b>Knowledge, Skills and Abilities:</b></p>	<ul style="list-style-type: none"> <li>▪ Knowledgeable of corrosion analysis (e.g., ASME B31G, RSTRENG), integrity and defect assessment methods</li> <li>▪ Basic understanding of federal and state regulations, codes, and industry standards</li> <li>▪ Familiar with API and NACE Recommended Practices and ASME Piping Codes (e.g., API 579, API 580, ASME B31.4/B31.8/B31.3)</li> </ul>
<p><b>Contributor Level</b></p>	<p>Individual Contributor</p>
<p><b>TAPS Safety Culture</b></p>	<p><b><u>Act With Discipline</u></b>          Be prepared to work and arrive to work rested. Complete all pre-job planning steps. Complete all training and qualifications. Follow all required processes and procedures and use the right tools for the job. Complete all post-work activities.</p> <p><b><u>Take a System View</u></b>          Assess how a task can impact others, seek input, and make all necessary notifications.</p> <p><b><u>Make Sound Decisions</u></b>          Involve the right people at the right time. Identify if conditions change and act accordingly.</p> <p><b><u>Learn, Improve, Innovate</u></b>          No task on TAPS is routine; be alert to emerging risks. Communicate hazards and share lessons learned from past experiences.</p> <p><b><u>Speak Up, Step Up</u></b>          Alyeska fully supports the authority of every TAPS worker to speak up, take action, and stop work, regardless of role or responsibility. Participate in developing and implementing solutions.</p>
<p><b>Pre-Employment Drug Screen Testing</b></p>	<ul style="list-style-type: none"> <li>▪ Alyeska Pipeline Service Company (APSC) requires pre-employment drug testing utilizing hair test collections for all positions. The preferred collection site is from the head (approximately 1/2 inch of hair length necessary). Head hair testing provides an approximate 90 day window of detection that checks for drug use. In addition, for Department of Transportation covered positions, APSC will also utilize urinalysis testing. Any drug test makes you ineligible for APSC employment.</li> </ul>



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<b>Employment Verification using E-Verify</b>	<ul style="list-style-type: none"><li>Federal Law requires all employers to verify identity and employment eligibility of all persons hired to work in the United States. Alyeska Pipeline Service Company participates in E-Verify.</li><li>E-Verify is an Internet-based system that compares information from an employee's Form I-9, Employment Eligibility Verification, to data from U.S Department of Homeland Security and Social Security Administration records to confirm employment eligibility. <a href="http://www.dhs.gov/e-verify">http://www.dhs.gov/e-verify</a></li></ul>
<b>TWIC</b>	<ul style="list-style-type: none"><li>The Alyeska Valdez Marine Terminal (VMT) is a regulated facility, and the employee hired to work on the VMT or to provide emergency support or other approved work for the VMT will be required to have a Transportation Worker Identification Credential (TWIC). For more information about this Federal credential access the Web site listed below. The successful candidate for this job will be notified if a TWIC will be required and will then be responsible for enrolling and obtaining a TWIC prior to their hire date. <a href="http://www.tsa.gov">http://www.tsa.gov</a></li></ul>

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