



Internal/External Job Posting

Job Number: 005652

Closing Date: September 8, 2019

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

Position Title:	Integrity Engineer – Aboveground Program Support Engineer
Salary Band:	L/M/N
Range:	DOE (Salary will be determined based on experience.)
Work Location & Schedule:	Anchorage or Fairbanks This is a regular exempt Anchorage/Fairbanks based position on an urban schedule of a 40-hour week or 9/80-work schedule. Relocation benefits may apply.
Number of Positions:	One (1)
Recruiting Contact:	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
Minimum Qualifications:	Applicant must meet or exceed these minimum job requirements to apply for this position: <ul style="list-style-type: none"> ▪ Bachelor’s Degree in Civil, Mechanical, or Geological Engineering ▪ Three (3) years program/project experience working as an engineer on liquid pipeline above-ground support systems in an arctic environment ▪ Advanced knowledge of specific area of expertise. ▪ Knowledge of engineering concepts, practices, and procedures within discipline area. ▪ Advanced written and verbal communication skills.
Preferences:	<ul style="list-style-type: none"> ▪ Master’s Degree in Civil Engineering or Mechanical Engineering with emphasis in structural mechanics and dynamics, geotechnical engineering, arctic engineering, and heat transfer ▪ Five (5) to fifteen (15) years of related work experience in engineering design, monitoring, construction, project management or planning with progressively higher levels of responsibility ▪ Experience with testing and maintenance of passive closed-loop heat transfer systems used in stabilizing load-bearing permafrost soils for support structures and building foundations ▪ Experience in inspection, design, and maintenance of structures and foundation systems in an arctic environment with unstable load-bearing soil conditions, including unstable slopes ▪ Database/GIS capabilities to manage geotechnical and structural assets; AutoCAD experience ▪ Qualified to function at a Unit Leader level within Alyeska’s Incident Command System (ICS) system ▪ Experience as an active participant in oil spill and/or other emergency response exercises ▪ Excellent communication skills – written and verbal ▪ Experience in oil and gas industry operations ▪ Experience performing and/or managing construction work in an arctic environment
Accountabilities and Specific Requirements:	<p><i>Under general direction of the Strategy and Planning Manager, the Integrity Engineer is responsible for developing technical deliverables associated with the Aboveground Structures and Facilities Program(s). These Programs include Mainline Aboveground Pipeline System; Mainline Belowground Pipeline System; Pipeline Bridges; Access Roads and Work pad Bridges, and Facility and Glacier Monitoring Programs. Specific programs assigned to this position will be determined by successful candidate’s knowledge, experience and abilities. Key accountabilities held by this position include assessment of field monitoring data to determine appropriate maintenance and repair activities to maintain the structural integrity of TAPS. Accountabilities also include providing program and project engineering support to the integrity management civil programs including:</i></p> <ul style="list-style-type: none"> ▪ Mainline Aboveground Pipeline System and Pipeline Bridges Monitoring ▪ Mainline Belowground Monitoring ▪ Glacier Monitoring ▪ Slope Stability Monitoring ▪ Facility Monitoring ▪ Access Road and Work pad Bridge Monitoring ▪ Related duties include: Predicting failure frequency of structure components, foundations, and estimating resulting consequences of failure for risk prioritization purposes; development of technical deliverables including white papers, Issued-For-Construction packages and procedures;



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	<p>collection, evaluation and assessment of integrity data including trending of heat pipe data for performance deterioration metrics and soil profile temperature shifts using thermistor monitoring data ; reliability and risk based assessments; identification of maintenance and repair requirements; scheduling; budget preparation and control; and, project engineering support during construction.</p> <ul style="list-style-type: none"> ▪ Program management duties includes annual monitoring, evaluation and assessment of collected integrity data, scope identification, scheduling, budget control and long-range planning, while assuring applicable regulatory, industry and Alyeska guidelines are met. Technical deliverables include but are not limited to contributions to annual program reports, preparation of white papers and implementation packages. The individual in this role must possess the ability to identify and solve problems in own and related disciplines and successfully work as members of multidisciplinary teams. This engineer is recognized as the Subject Matter Expert and Regulatory Specialist in their area of expertise. ▪ This position performs duties which are critical components of the Integrity Management Team and its decisions can affect operations with potential impacts on a project or asset performance. Position works directly with implementation contractors and engineering consultants and will be familiar with contracting language in general; Alyeska’s contracting strategy, and the specifics of the contracts that they work with. <p>Major Deliverables</p> <ul style="list-style-type: none"> ▪ Technical sections of program annual reports ▪ Scopes of work for contracted services ▪ Engineered implementation packages ▪ Program budget development and management ▪ Long range planning
<p>Knowledge, Skills and Abilities:</p>	<ul style="list-style-type: none"> ▪ Strong Organizational and Leadership Skills ▪ Budget Preparation and Management ▪ Interpersonal Communication ▪ Analysis and Problem Solving ▪ Expertise in data collection, analysis and preparation of clear and concise reports ▪ Ability to establish and maintain cooperative relationships in the work place Civil Engineering ▪ Structural Engineering ▪ Geotechnical Engineering ▪ Arctic Engineering ▪ Safety Management ▪ Emergency Response ▪ Regulations
<p>Contributor Level</p>	<p>Individual Contributor - Professional</p>
<p>TAPS Safety Culture</p>	<p><u>Act With Discipline</u> 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><u>Take a System View</u> Assess how a task can impact others, seek input, and make all necessary notifications.</p> <p><u>Make Sound Decisions</u> Involve the right people at the right time. Identify if conditions change and act accordingly.</p> <p><u>Learn, Improve, Innovate</u> No task on TAPS is routine; be alert to emerging risks. Communicate hazards and share lessons learned from past experiences.</p> <p><u>Speak Up, Step Up</u> 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>



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Pre-Employment Drug Screen Testing	<p>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.</p> <ul style="list-style-type: none">It is important to note that APSC does not seek or accept any genetic information as part of the hair testing procedure or any other process that could directly or inadvertently provide genetic information (family medical history).
Employment Verification using E-Verify	<ul style="list-style-type: none">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.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. http://www.dhs.gov/e-verify
TWIC	<ul style="list-style-type: none">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. http://www.tsa.gov

ALYESKA PIPELINE SERVICE COMPANY IS AN EQUAL OPPORTUNITY EMPLOYER THAT VALUES WORKPLACE DIVERSITY.

Alyeska Pipeline is a drug-free and alcohol-free workplace.

Apply on-line at www.alyeska-pipe.com