



Internal/External Job Posting

Job Number: 005536 - **REPOSTED**

Closing Date: April 8, 2018

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

Position Title:	Structural Engineer
Salary Band:	L/M/N
Range:	DOE (Salary will be determined based on experience, qualifications and attributes.)
Work Location & Schedule:	Anchorage This is an exempt level position that works an urban 40-hour week or compressed work week 9/80 schedule. Relocation benefits may apply.
Number of Positions:	One (1) If you have already submitted a resume for this position, you do not need to reapply.
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:	Applicants must meet or exceed these minimum job requirements to apply for this position. <ul style="list-style-type: none"> ▪ Bachelor's degree in Civil/Structural Engineering or a related Engineering discipline ▪ Three years' experience as a structural, operations, or maintenance engineer ▪ Strong knowledge of fundamental concepts, practices, and procedures of Structural Engineering, with emphasis on seismic design and earthquake engineering aspects ▪ Strong knowledge of engineering concepts, codes, practices, and procedures within discipline area ▪ Demonstrated experience in structural design ▪ Strong written and oral communication skills including the ability to present complex technical concepts to a non-technical audience
Preferences:	<ul style="list-style-type: none"> ▪ Master of Science in Structural Engineering ▪ Eight (8) years of related work experience in the application of structural engineering principles for the design, construction, maintenance, and repair of petrochemical physical infrastructure, including piping supports, modules or buildings. ▪ Technical problem solving, data management, trend analysis and troubleshooting skills without need of direct supervision ▪ Trans Alaska Pipeline System experience ▪ Knowledge and application of ASCE, ASTM, ACI, and API codes and standards ▪ Proficient in STAAD, or other design software such as RISA. ▪ Knowledge and application of earthquake preparedness programs, including seismic design control as well as earthquake response and contingency planning ▪ Ability to work independently and to perform successfully in a team environment ▪ Experience performing and/or managing maintenance and construction projects in arctic and sub-arctic environments ▪ Ability to coordinate and interact professionally with Operations, Maintenance, Projects and engineering contractors ▪ Registered Professional Engineer
Accountabilities and Specific Requirements:	Under general direction of the Engineering Standards Supervisor, the Structural Engineer is accountable for the following job role: <ul style="list-style-type: none"> ▪ Understand and provide direction on TAPS structural engineering design and operational questions as they relate to earthquake preparedness and seismic design. ▪ Review engineering designs and validate they are consistent with TAPS design basis and standards. ▪ Be the responsible individual on Alyeska seismic program and standards as appropriate ▪ Represent Alyeska as the Seismic Engineering SME to internal and external stakeholders



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	<ul style="list-style-type: none"> ▪ Ability to operate independently and in a team environment and make sound engineering decisions and recommendations without the benefit of supporting resources. ▪ Identify problems affecting operations, recommend solutions and work with maintenance and projects to assure appropriate implementation. ▪ Solicit support from other engineering teams as needed. Ensure that scope of work for engineering support adequately describes the asset needs. ▪ Investigate equipment failures and submit root cause analysis reports. ▪ Prepare and complete limited scope design packages. ▪ Develop awareness of plant performance to spot trends, bottlenecks, and substandard equipment performance. ▪ Identify opportunities for improvement in reliability, efficiency, and safety. ▪ Propose and provide justification for plant improvements in a timely manner to support a multi-year project cycle. ▪ Identify future major maintenance activities for the TAPS long range plan. ▪ Support strategic initiatives ▪ Support facility start-ups / shutdowns and other unusual operations including final field review of engineered changes for startup. ▪ Establish and maintain technical operating parameters and design basis.
Knowledge, Skills, and Abilities:	<ul style="list-style-type: none"> ▪ Expectations for the successful candidate for this job include logical thinkers who are multi task oriented, well organized, efficient at information processing, and have the ability to consistently make critical decisions quickly and correctly. The candidate will need to have the ability to integrate well in teams and present complex ideas to a wide audience in an understandable way.
Contributor Level:	Individual Contributor
Pre-Employment Drug Screen Testing:	<ul style="list-style-type: none"> ▪ 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 positive drug test makes you ineligible for APSC employment. ▪ 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/what_we_do/layers/twic/index.shtm

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

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