

Kinder Morgan has an engineering position open in Aurora, CO.

This is a full-time position for a candidate with a BS degree, having 1-3 years' work experience.

Operations Pipeline Engineer

To apply, go to their jobs website:

https://careers.peopleclick.com/careerscp/client_kindermorgan/int1067639656/jobDetails.do?functionName=getJobDetail&jobPostId=55093&localeCode=en-us

Position Description

- Provide technical support in all areas of natural gas pipeline operations. The individual will be a technical resource to the region in support of pipeline, measurement, process, underground natural gas storage and compression activities and must possess the ability to associate with a wide variety of people (personalities, skill and education levels, etc.) with tact, courtesy and professionalism.
- The individual must possess project management skills used in the development of project documents such as project scope, schedule, budget forecasting, cost tracking/analysis, and risk identification/mitigation and be capable of communicating this information using well-developed written and verbal skills. Primary responsibility involves management of multiple small pipeline and facility projects and engineering studies.
- **Daily activities include:** Working with Operations, Engineering, Environmental Health & Safety, Accounting, Business Development, Gas Control, Land and Right of Way, Codes and Standards, and other internal departments to maintain reliable operation of pipeline and facilities, completing studies and reviews, assessing risk / benefit, generate recommendations and develop projects, quality assurance programs, etc. as required to achieve the task. Manage capital and maintenance projects with various deadlines and responsibility levels. Such projects include pipeline integrity inspection, remediation, testing and repair projects; pipeline construction, replacement & abandonment projects; and pipeline facility projects involving compression, automation and controls, measurement, corrosion mitigation, gas processing, encroachments. Generate project alternatives, cost estimates, secure project funding, accurately track and forecast project expenses, submit project closure documentation. Develop project scope documents, schedules, contractor bid documents, manage the bid process including job showing, select contractor, select and requisition materials, coordinate permitting, manage contractor activities and other project activities. Apply the company's design and operating philosophy within the field locations to meet corporate goals for safety, regulatory compliance, efficiency, and profitability. Review and manage projects in terms of economics, OSHA Safety, Kinder Morgan Engineering Standards, Construction Standards, and Operating and Maintenance Procedures Travel to field sites and offices with occasional overnight stays. Some extended hours and after-hours work will be required. Requirement to carry a company-provided cell phone and be available to respond during working and non-working hours. Provide engineering support to operations on a daily basis. Effectively prioritize workload between multiple projects. Ability to take on new projects and shift priorities on short notice. Must possess and maintain a valid driver's license and a driving record satisfactory to company and its insurer. Other duties as required.

Position Requirements:

Education/Experience: Bachelor of Science Degree in Engineering from an accredited University with 1-3 years direct work experience.

Position/Job Requirements:

- Advanced math skills.
- Effective written and oral communication skills.
- Strong focus on safe work practices.
- Read and interpreting blueprints and diagrams.
- Prepare engineering sketches and help develop construction drawings.
- Able to complete work assignments with little supervision in an acceptable time frame.
- Must be able to work with a team, take direction from supervisors, keep required work schedules, focus attention on details, and follow work rules.
- Performing relief valve capacity calculations and sizing regulators and control valves.

- Investigation and root-cause determination of equipment failures.
- Develop knowledge of pipeline fabrication and construction techniques.
- Develop knowledge of hydrotesting of natural gas pipelines.
- Develop knowledge of natural gas storage facilities and treatment processes
- Develop knowledge of natural gas pipeline regulatory codes and engineering standards.
- Conduct pipeline MAOP studies.
- Develop knowledge of high pressure natural gas pipeline construction and remediation.
- Develop knowledge of industry's regulatory compliance requirements and standards.
- Identify project alternatives, prepare cost estimates and project economic justifications.
- Computer knowledge: AutoCAD, Microsoft Office Suite, Data query and analysis