



# Example of Pipeline Engineer Job Description

Powered by [www.VelvetJobs.com](http://www.VelvetJobs.com)

Our company is growing rapidly and is hiring for a pipeline engineer. To join our growing team, please review the list of responsibilities and qualifications.

## Responsibilities for pipeline engineer

- Participate in and advise on all construction activities and initiatives, including provision of training / inductions, documentation reviews
- Wall thickness, stress (hoop, thermal, bend), buoyancy control, hydraulic profiles
- Crossing drawings (watercourse, road, rail)
- Generation of data sheets and material requisitions for mechanical items (pipe, valves, bends, tees)
- Desktop routing of buried linear infrastructure (crossing angles, bend layouts, valve siting)
- Undertake and check pipeline analytical calculations
- Mechanical design, wall thickness, preliminary stress analysis, expansion analysis, and free-span analysis
- Build project cost estimates for inclusion into annual budgets
- Submit project AFEs for approval, approve invoices and ensure that project costs do not exceed allotted amount
- Design, plan, schedule and maintain work record data lead all phases of moderately complex projects in a specific discipline in an assigned functional area

## Qualifications for pipeline engineer

- Develop project scope documents, schedules, contractor bid documents, manage the bid process including job showing, recommend contractor, and manage contractor activities

- Travel estimated from 10% to 30% of the time to field sites and offices with occasional overnight stays
- Requirement to carry a company-provided cell phone and be available to respond during working and non-working hours
- Read and interpret mechanical, electrical, control, and instrumentation drawings
- Provide engineering support and technical expertise to support mechanical equipment operations