

Job Description: Senior Designer

Senior Designer - Transmission

Reports To: Project Manager

Job Summary:

This position is responsible for designing engineered transmission pipeline and pipeline facilities drawings. The successful candidate shall have a minimum of 10 years of natural gas pipeline and pipeline facilities design experience using various drafting platforms including Plant 3D and/or CADWorx, Designers may be responsible for baseline drawings using a variety of inputs including converted MicroStation files, aerial images, utility maps and hand drawn designs. Drawings are predominantly related to Natural Gas Transmission which may include civil, mechanical and electrical components. Designers will be required to conduct design reviews for complex projects as well as oversee the work of less experienced drafters and designers.

Primary Duties and Responsibilities:

- Ability to interpret and apply various standards for Natural Gas Transmission engineering and construction standards to gas engineering designs.
- Ability to interpolate P&ID and work independently to generate 3D model from P&ID
- Ability to determine equipment, pipe and fitting specifications and develop a Bill of Material (BOM) for projects. Understand field construction techniques regarding natural gas mainline, compressor stations, meter and regulator stations as it applies to the production of construction drawings
- Familiarity with CFR192 regulations regarding gas engineering and construction.
- Experience with the following programs/tools:
 - Computer Aided Design & Drafting (AutoCAD)
 - CADWorx
 - Plant 3D
- Modifying drawings as directed by engineer
- Assuring all designs follow prescribed processes and are completed according to client specifications and quality requirements
- Consistently return completed and checked files within allotted timeframe
- Communicate clearly with Project Manager regarding technical questions, allowable hours, allowable timeframe and any anticipated delays in project schedule
- Train and mentor less experienced drafters and designers.

Required Qualifications:

- Bachelor's degree preferred. Associates degree or equivalent experience in Design and Drafting Technology.
- Strong working knowledge of AutoCad
- Minimum of 10 years of prior experience, concentration in Natural Gas Transmission
- Knowledge of SmallWorld, ESRI or other GIS platforms is a plus

- Strong work ethic, self-driven and a desire to work in a production environment is very important
- Pre-employment drug screening is a condition of employment. Background and motor vehicle checks may be required based upon position.

Physical Requirements and Working Conditions:

Our flexible work platform requires that candidates be very organized, self-driven, motivated to succeed and great communicators. This position requires the ability to work at a desk for long periods of time (2-3 hours), vision to read printed materials and computer screens, and hearing and speech to communicate over the telephone.