



The **Project Engineer** role has overall responsibility for generating detailed layout and fabrication drawings for use in construction projects that include equipment and piping design. This position also supports our mechanical estimating services. If you have a successful track record and thrive on challenges in a fast-paced environment, this is the opportunity for you.

Job Responsibilities:

Primary:

- Develop 3D design models utilizing AutoCAD with CADWorx Plant Professional software.
- Utilize CADWorx Design Review for piping submittals.
- Extensive field verification of all dimensions and as-built conditions needed for CAD model generation.
- Procurement of major piping, fittings, valves, fasteners, gaskets, and hangers.
- Generate equipment and piping arrangement drawings as needed for review and construction.
- Generate isometric pipe sketches utilizing Project Manager / Isogen for fabrication.
- Provide “Greenline” and “As-Built” drawings when required.

Secondary:

- Generate comprehensive material lists from plans, sections and elevations for various projects including the following
 - Pipe and Fittings
 - Valves and Specialties
 - Gaskets and Fasteners
 - Pipe supports, Hangers and Hardware
 - Equipment purchases
 - Weld counts and testing criteria per specifications.
- Obtain material pricing quotes for bid assembly.

Educational and Skill Requirements

- AAS or Bachelor’s Degree in Mechanical Engineering or related field experience.
- 3-5 years’ project and design experience.
- Proficient at AutoCAD with 3D piping software experience.
- Proficient with Microsoft Office products (Excel, Word, etc.).