

Design Engineer

JOB DESCRIPTION:

We are looking for an innovative, forward-thinking confident person, with a solid engineering background, who is enthusiastic about being an integral part of our engineering team. This position reports directly to the Engineering Manager. Responsibilities include performing ASME or API calculations as well as various stress analysis calculations for vessel attachments. Excellent Auto Cad skills are required to design pressure vessels in a fast paced manufacturing environment. In addition, this position has responsibility to delegate, monitor and check drafting and design work done by designer/drafter.

JOB RESPONSIBILITIES:

Develop engineering drawings from Sales Order information and customer drawings.
Perform ASME calculations for pressure vessels.
Perform API calculations for storage tanks.
Engineer vessels and components to meet customer needs and applicable code requirements for manufacture in the facility.
Coordinate drawing approval with customers and process customer revisions.
Assist with material orders for long lead project specific materials by coordinating purchases with the Materials Manager.
Act as liaison between sales/engineering and manufacturing/engineering.
With time and experience, act as ASME code expert assisting with code interpretations and audits.

JOB REQUIREMENTS:

Bachelor's degree in engineering a must with preference to degreed Mechanical Engineers.
Experience with ASME pressure vessels or a related field a must.
Minimum of 5 years experience in design engineering in a manufacturing company with one to two years experience with Auto Cad.
Must be familiar with various manufacturing processes; especially weld symbology and welding procedures.

Strong analytical and organizational skills

Solid Word and Excel skills

Must be able to work independently on assigned projects/programs

Self starter, motivated

Must be able to apply knowledge and skills to the day-to-day operations and search for process improvements

Works well under pressure

Excellent written and oral communication skills

COMPENSATION: Commensurate with experience. Competitive benefits offered.