

CAREER OPPORTUNITY

Position: Project Engineer
Location: Paola, Kansas
Classification: Full-Time, Exempt

Job Summary:

Under the general direction of the Manager of Engineering, the Project Engineer will have mechanical design responsibility of piping and pressure vessels on assigned projects. Position will work closely with the Project Manager and will be responsible for the coordination and resolution of project specific technical matters. Performs design calculations for all products in accordance with the appropriate codes and standards such as ASME B31.3, ASME B31.4, ASME B31.8, CSA Z662 and ASME BPV Section VIII.

Main Duties/Responsibilities:

- Provide technical support for Sales during the inquiry process.
- Review customer specifications and project documents for incorporation into drawing notes, bill of materials, and purchase specifications.
- Interface with customer to ensure technical requirements are met.
- Develop the Bill of Materials.
- Produce mechanical and structural calculations in accordance with the appropriate codes and standards such as ASME B31.3, ASME B31.4, ASME B31.8, CSA Z662 and ASME BPV Section VIII.
- Generate drawings, specifications, and instructions necessary to convey project requirements to others.
- Review calculations, bill of materials, drawings, and other technical documents prepared by others.
- Transmit all technical documents to the customer including but not limited to: drawings, calculations, quality plans, weld procedures, etc.
- Respond to shop and field questions and/or non-conformances.
- Learn and remain current with all code rules and requirements.
- Assist with updating of the in-house programs.
- Be involved in the development and revision of Engineering Standards.
- Participate in general process improvements and initiatives.
- Obtain Canadian registration numbers as required.

Qualifications:

Any combination of education and experience providing the required skill and knowledge is qualifying. Typical qualifications would be equivalent to:

Education/ Experience

- Bachelor's degree in Mechanical Engineering or a related field required
- Three (3) or more years of design engineering experience in a related piping or pressure vessel manufacturing setting strongly preferred
- Excellent organizational skills
- Strong computer design capabilities
- Ability to multi-task
- Strong oral and written communication skills
- Good interpersonal communication skills
- Strong time management skills
- Excellent judgment and decision-making abilities
- Ability to concentrate in a diverse work setting
- Effective troubleshooting and problem solving skills
- Prioritizing and handling multiple tasks
- Good mechanical aptitude
- Good working knowledge of computer programs including AutoCad and Microsoft Office products
- Good understanding of the basic fundamentals of mechanical and structural design
- Valid driver's License and proof of insurability

Compensation:

The successful candidate will receive a competitive salary and an attractive benefits package which may include, but is not limited to: medical, dental, life insurance and flexible spending account.

Screening:

All candidates will be subject to drug and alcohol screening and a background check prior to employment.

SUBMISSION

Submit your resume with the [applicant data sheet](#) or submit a completed [employment application form](#) to:

Postal Mail:

208 N. Iron St.
Paola, KS 66071
Attn: Human Resources

Email:

hr@tfes.com

EOE/Veterans/Disabled

OBSERVE ALL SAFETY PRACTICES

The above statements are intended to describe the general nature and level of the work being performed by the people holding this position and shall not be construed as a detailed description of all the work requirements that may be inherent in the job. Incumbents will follow any instructions, and perform any other related duties, as may be required.