

CAREER OPPORTUNITY

Position: CAD Designer
Location: Paola, Kansas

Job Summary:

Under the general direction of the Manager of Engineering, the CAD Designer will work closely with Project Engineers to ensure technical design and fabrication requirements are clearly conveyed on 3D models, 2D drawings, specifications, and/or instructions. Position will have overall responsibility on small projects.

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 some mechanical and structural calculations in accordance with the appropriate codes and standards.
- Generate 3D models, 2D drawings, specifications, and instructions necessary to convey project requirements to 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.
- Identify customer-initiated changes to project scope and generate appropriate cost change notice.
- Learn and remain current with all Code rules and requirements.
- Support shop with layouts, templates, etc.
- 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.

Qualifications:

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

Education/ Experience

- Technical or trade school certificate in computer aided design and drafting required
- Bachelor's degree in design and drafting technology preferred
- A minimum of 5 years of 3D computer aided design and drafting experience required
- Experience with Autodesk Inventor required
- Experience with Autodesk AutoCAD Plant 3D piping preferred
- Fabrication, weld shop, or machine shop experience preferred
- Exceptional computer design capabilities
- Accurate typing skills
- Good interpersonal relations skills
- Good oral and written communication skills
- Strong time management skills
- Excellent judgment abilities
- Good mechanical and math aptitude
- Exceptional proficiency with computers
- Working knowledge of computers programs, including AutoCAD and Microsoft Office products required
- Strong knowledge of several programming languages, such as Visual Basic and Autodesk Inventor iLogic preferred
- Working knowledge of AutoCAD Inventor required
- 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
