

CAREER OPPORTUNITY

Position: Heat Exchanger Design Engineer
Location: Tulsa, OK
Classification: Exempt

Job Summary:

Under the general direction of the Vice President/General Manager, the Design Engineer will have design responsibility for the shell and tube heat exchanger product line and assigned projects. Primary focus will be mechanical design, performing design calculations in accordance with the appropriate codes and standards, supervising the development of fabrication drawings and bill of materials. Position will work closely with the Thermal Engineer, Project Engineers, Designers and CAD Technicians and supervise their daily work on assigned projects and report progress. Position will also work closely with Project Manager and will be responsible for the coordination and resolution of project specific technical matters.

Main Duties/Responsibilities:

- Provide technical support for Sales & Estimating 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.
- Conduct technical review meetings with other departments as required.
- Develop the Bill of Materials.
- Develop purchase specifications.
- Produce mechanical, structural calculations in accordance with the appropriate codes and standards.
- Generate drawings, specifications, and instructions necessary to convey project requirements to others.
- Ensure integrity and consistency of mechanical and structural designs throughout assigned projects.
- Review calculations, bill of materials, drawings, and other technical documents prepared by others.
- Supervise daily work of Project Engineers, Designers and CAD Technicians assigned to projects and report progress to Vice President/General Manager and Project Manager.