

Mechanical Designer

of Positions: 1

Duration: Full Time Regular

Shift: First Shift (Day) 8AM – 4:30 PM Monday through Friday

Hours per week: 40 (Overtime as needed)

Start Date: Immediate

JOB SUMMARY: The Mechanical Designer is responsible for taking new projects and creating a design in 3D software and following the project through from BOM creation to final 2D drawing release to production.

ESSENTIAL FUNCTIONS:

- Create drawings as per Hebel Engineering Process map;
- Read and interpret P&ID (Process and Instrumentation Diagrams);
- Develop new product designs with and without complete customer specifications through the use of 3D design software;
- Create 2D drawings from the 3D model and release .pdf copies to the Document Management department;
- Identify Bill of Materials for product designs and select the proper components that meet the customer specifications;
- Identify proper material requirements and create part numbers to be loaded into the MRP system with descriptive notes for ordering by Purchasing;
- Collect as-built information as required and track design updates to implement on future projects;
- Understand and know how to apply common codes and standards ASME Piping and pressure Vessel code when required and seek support from Design Engineer for total compliance;
- Manage multiple project schedules and balance requirements to keep all jobs on task;
- Elevate issues preventing compliance to the production schedule to the Mechanical Design Team Leader or Engineering manager as soon as the potential for delays exist;
- Maintaining a dynamic array of tasks and the ability to prioritize through good time management skills;
- Travel (domestic and abroad) required;
- Take on the responsibility of new technology or software and be willing to learn new skills as needed.

ADDITIONAL RESPONSIBILITIES:

- Performs other duties as assigned or requested.

SUPERVISORY RESPONSIBILITIES:

- None

TECHNOLOGY, EQUIPMENT OR TOOLS:

- IOS and Microsoft operating systems, Microsoft office (Word, Excel, PowerPoint, and Outlook), Adobe Acrobat PRO;
- AutoCad and Inventor Design Software.

PHYSICAL DEMANDS AND WORK ENVIRONMENT:

The physical demands described represent those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this job, the employee will regularly sit for long periods; stand, talk and hear in person and by telephone; use hands to operate, finger, handle and feel office equipment and documentation; and reach with hands and arms. Hands and fingers frequently perform repetitive motion. Occasionally the employee will use arms and hands to balance. The employee is occasionally required to walk, climb, stoop or bend and lift up to 25 pounds.

EDUCATION AND EXPERIENCE:

- Minimum Associate's degree in Design/Drafting required.
- Seven (7) years of fulltime verifiable experience in the field may substitute for education requirement.
- Background in 3D modeling and 2D drafting using AutoCad preferred;
- Inventor (or other parametric design software such as Solidworks, NX etc...) required.

KNOWLEDGE, SKILLS AND ABILITIES:

- Maintain a customer-focused perspective in all activities initiated to ensure that customer needs are successfully met;
- Develop professional and process expertise to provide improved assistance to internal and external customers;
- Excellent reading and comprehension skills;
- Able to understand and carry out detailed written or oral instructions;
- Has knowledge of commonly-used concepts, practices, and procedures within the field;
- Exceptional written and verbal communication skills
- Understands and able to utilize mathematical formulas required to perform job;
- Must be able to work as part of a team
- Focus on Continuous Improvement as a part of daily job requirements;
- Adhere to Hebelers vision and values at all times;
- Able to work as part of a multi-disciplinary team;
- Able to take direction and critiques from multiple designers and willingness to seek out additional work;

The above job description is not a contractual or binding document; it is provided as a guide to the types of duties required to be undertaken. Duties may vary from time to time and this description is subject to review. Modifications will be made as needed to support changes in the business climate and requirements.

All qualified applicants will receive consideration for employment without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, disability, or veteran status.