

FLOE On The Grow

Job Title: Drafter

Department: Manufacturing Support #219

Reporting Manager: Shawn Hagen, Manufacturing Engineering

Posting Date: December 14, 2020

SUMMARY: As a Drafter/Designer, you will use engineering skills and knowledge to draw plans to exact specifications, create parts and/or assemblies for product lines or custom applications using Solidworks, AutoCAD and Inventor.

Essential Responsibilities:

- Work with Bills of Materials, engineering change control, product design and prototyping processes
- Create professional plans and specifications for parts and/or assemblies for product lines or custom applications
- Assist in the development of new or improved products
- Make revisions and corrections to existing drawings when requested and as needed
- Maintain integrity of drawings and drawing system
- Interact with Production Engineers and Manufacturing Personnel to optimize Design for Manufacture
- Participates in continuous improvement efforts
- Transfer drawings from AutoCAD and Inventor to Solidworks
- Work collaboratively with Engineering and R&D staff in new product development and testing
- Prepare written reports and files
- Work effectively with staff, supervision and management to resolve design issues and determine needs of customer

Education/Experience:

- Either a 2-year degree or equivalent experience in mechanical drafting/design.
- Knowledge of engineering principles and ability to apply principles to projects.
- Knowledge of engineering change control, product design & prototyping processes.
- Experience working with Bill of Materials.
- Knowledge of and ability to utilize computer and computer programs to accomplish detailed plans and drawings of parts, assemblies, etc.
- The ability to demonstrate a comprehensive understanding of Autodesk Inventor, AutoCAD and Solidworks programs.
- Good oral and written communication skills
- Proficiency with Windows and Microsoft Office Suite (Outlook, Excel, Word, PowerPoint, Visio)
- Previous experience in an aluminum based manufacturing environment preferred.
- Ability to be a self-starter and to complete objectives with a minimum of supervision.

Preferred Experience:

- Knowledge of aluminum extruding, marine design, machining and metal fabrication
- A working knowledge of Lean Manufacturing concepts

Work Environment:

- In this position you will be required to sit, stand, kneel, twist, climb.
- You may be required to lift up to 50 pounds.
- The noise level in the work environment is usually moderate.