

Job Description: Mechanical Drafter

Department

Engineering

Reports To

Engineering Manager

Summary

The Mechanical Drafter will work with engineers, salesmen, and manufacturing/production personnel to lay out and develop detailed drawings for equipment using computer-aided design (CAD) software.

Responsibilities

- Create technical 2D drawings (machine and pattern), manufacturing schematics, and digital 3D models of mechanical equipment designs, using measurements, specifications and additional data from the engineering team
- Coordinate directly with project engineers, salesmen, and production team to understand project requirements, verify design details and recommend modifications as needed according to company standards and best practices
- Revise component machine and pattern drawings as needed for supported product lines
- Manage and maintain engineering change notice (ECN) records in compliance with the company ISO 9001:2015 certification

Qualifications and Skills

- Associates Degree in Mechanical Drafting or relevant work experience
- CAD certification preferred
- Minimum 2-3 years experience
- Advanced skill with AutoCAD
- Advanced skill with Autodesk Inventor Professional, SolidWorks, or other solid modeling software
- Proficient with the Microsoft Office Suite
- Strong communication skills, both written and verbal
- Excellent creative thinking and problem solving skills
- Strong mathematical skills
- Excellent attention to detail
- Good organizational skills, being able to manage multiples projects simultaneously while meeting deadlines
- Work effectively under pressure individually as well as part of a team
- Knowledgeable of machining and fabrication processes
- Knowledgeable of design techniques, tools, and principles involved in the production of precision technical plans, blueprints, drawings, and models
- Ability to work with minimal supervision