



Project Engineer 1

Job Description

Job Summary

The Project Engineer 1 is responsible for all aspects of engineering for small sized projects including, the preparation of drawings for customer approval and detail fabrication drawings for internal use. The information produced must represent the customer's design intent while incorporating valuable, efficient engineering, which will result in excellent customer satisfaction, excellent product quality, and maximum financial benefits for idX.

Primary Duties & Responsibilities

- Plan, organize and control the integration and completion of engineering projects for small - medium sized divisional projects
- Coordinate activities concerned with technical developments, scheduling, and resolving engineering design and test problems related to assigned small - medium sized divisional projects
- Produce drawing specifications for customer review based on the prescribed design using the corporate standard for engineering/drawing
- Review product design for compliance with idX engineering standards, customer requirements and any other related specifications
- Review all drawings and specification with the assigned Project Management team
- Find, source and develop information and details for efficient production resulting in excellent quality
- Collaborate with production team to ensure efficient production details and division manufacturing standards are incorporated into engineering documents
- Create Methods of Manufacturing (MoM) for all manufactured wood/metal/plastic products
- Review all machining requirements with machine programming and production personnel
- Define and execute production scope including buy out items, wood, and metal
- Work with procurement to ensure timely ordering of buyout/long delivery items
- Review all material requirements for ERP entry
- Maintain, track and update all revisions to the Methods of Manufacturing (MoM)
- Create material requirement projections and work with purchasing to procure materials within schedule
- Prepare interim and completion project reports for all stakeholders
- Prioritize cost savings throughout all processes, offering value engineering suggestions and ensuring we are not compromising cost of quality

Qualifications

- 2+ years experience as a Project Engineer in a wood and/or metal manufacturing environment, store fixture industry preferred
- Proven ability to manage and successfully execute and engineering program for small sized projects
- Broad understanding of manufacturing techniques in the wood and/or metal industries
- Knowledge of multi-materials including wood, metal, plastics, glass, etc.
- Knowledge of drafting standards, mathematics, science, and engineering technology
- Proficiency working with 3D solid modeling is required, preferably Autodesk Inventor
- Working understanding of ERP software, Epicor 9 or 10 is preferred
- Exposure to other Autodesk software including AutoCAD and Vault
- Ability to communicate with internal and external stakeholders
- Ability to express oneself professionally utilizing both verbal and written communications
- Ability to problem-solve quickly and effectively
- Ability to produce under pressure of timelines and customer demands
- Ability to prioritize and work independently to work on multiple projects simultaneously ensuring all key dates are met while maintaining the highest level of quality
- Knowledge of Microsoft Word and Excel programs is preferred