

## **CAD DRAFTER**

The CAD drafter will interface with Sales, Product Management and customers to understand design requirements and facilitate correct production standards. Check accuracy of all design products. Create 3-D data model. Confer with engineering, marketing, production, and/or sales departments, or with customers, to establish and evaluate design concepts for manufactured products. Coordinate the look and function of product. Coordinate the fabrication of models or samples including the drafting of working drawings and specification sheets from sketches. Modify and refine designs, using working models, to conform to customer's specifications, production limitations, or changes in design trends. Prepare sketches of ideas, detailed drawings, illustrations, and/or blueprints, using computer-aided design equipment. Present designs and reports to customers or design committees for approval, and discuss need for modification. Evaluate feasibility of design ideas, based on factors such as appearance, safety, function, serviceability, budget, production costs/methods, and market characteristics.

### **Skills and Qualifications**

- Bachelors/Technical Degree in Design Drafting, and/or 3+ years AutoCAD and related drafting or CAD operation experience.
- Able to achieve results through others through communication.
- Personal Computer skills including the use of MS Office.
- Broad knowledge of CAD and systems processes.
- Able to communicate effectively with customers as well as with all levels within the organization.
- Proficient at problem solving, decision making and resource management.
- Design and CAD experience - minimum 5 years.
- Ability to model complex parts.
- Demonstrated use and application of technical standards, principles, theories concepts and techniques.
- Provide solutions to technical problems of moderate scope and complexity.
- Provide support for component library model creation and validation.
- Review and Validate documentation and 3D models to meet industry standards.
- Promote knowledge sharing of design techniques and manufacturability including form, fit or function.