

Job Title: Design Engineer II
Department: Engineering
Reports to: Engineering Manager
FLSA Status: Exempt
IC Level: II

Summary

Position supports new and existing product development as well as manufacturing methods. This position is also responsible for complying with quality systems procedures, as required.

Essential Duties and Responsibilities

- Design of parts and assemblies from concept to production detailed drawings using three-dimensional modeling software.
- Construct and maintain Bills of Materials, assembly, detailed prints and production procedures to support manufacturing and customer requirements.
- Review and understand customer specifications, industry standards, drawings, tolerance stack-ups, fit studies and reliability studies.
- Define, specify, procure and qualify custom and off the shelf components for new and existing product designs.
- Support production sustaining activities by designing test systems and trouble-shooting production issues.
- Work with machine shops in-house and outsourced regarding clarification of scope, quotes, manufacturability and priorities for projects.
- Recommend improvements to product and/or manufacturing and test methods.
- Model company culture and values.
- Comply with all safety rules.

Supervisory Responsibilities

This position does not have supervisory responsibilities.

Qualifications

The requirements listed below are representative of the knowledge, skill, and/or ability required.

Education/Experience

- Bachelor's degree in mechanical engineering or equivalent with a minimum of two years working with 3D CAD software.
- Five years of experience designing and selecting parts and assemblies using CAD software with working knowledge of ANSI Y14.5.

Personal Characteristics

- Ability to work independently; problem solver; detail oriented; and initiative.

Equipment and Software Skills

- 3D Solid Modeling software.
- Working knowledge of ERP software.
- Intermediate skill level using common business applications such as Microsoft Office.

Reasoning Ability

- Ability to define problems, collect data, establish facts, and draw valid conclusions.

Physical Demands and Work Environment

The physical demands and work environment described below represent the activities and surroundings of the positions. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Application Instructions

To apply, please submit your resume and a copy of this job description to sales@skoflo.com. Please be sure to include the following in the subject line: **Design Engineer Applicant - 2022**