

Job Posting

Job Title: Design Engineer
Posted Date: August 13, 2010

SUMMARY

Researches, plans, designs and modifies mechanical and/or hydraulic products and systems, and directs and coordinates activities involved in the fabrication, operation, application, installation and repair of mechanical and/or hydraulic products and systems by performing the following duties.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned.

Researches and analyzes data such as customer design proposal, specifications, and other inputs to determine feasibility of design or application.

Designs mechanical and/or hydraulic products or systems such as controls, machines and mechanical systems.

Performs engineering analysis to determine product viability and structural and/or hydraulic integrity.

Assists engineering personnel in fabrication of equipment, and development of methods and procedures for testing products or systems.

Assists in fabrication and installation activities if needed to ensure products and systems conform to engineering design, customer specifications, and manufacturability.

Evaluates field installations including operational, maintenance, and repair activities if needed to obtain optimum utilization of machines and equipment.

Designs and modifies mechanical and/or hydraulic products and systems to interface with machines and equipment.

Participates in cross-functional problem solving teams.

EDUCATION and/or EXPERIENCE

1. B.S. Degree in mechanical engineering or related field.
2. Previous work experience as a mechanical engineer preferred.
3. Solid background in computer skills, including experience using SolidWorks or comparable 3-D modeling software.
4. Excellent communication skills.