



POSITION DESCRIPTION

POSITION TITLE: MECHANICAL PROJECT ENGINEER

DEPARTMENT: ENGINEERING

POSITION SUMMARY

Perform engineering duties in planning and designing tools, machines, and other mechanically functioning equipment. Oversee installation, operation, and maintenance of equipment.

ESSENTIAL DUTIES AND RESPONSIBILITIES

To perform the job successfully, the individual must be able to execute each essential duty satisfactorily. Other duties, assignments, and specific projects may be assigned at the discretion of management. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Read and interpret blueprints, technical drawings, schematics, or computer-generated reports.
- Assist drafters in developing the structural design of products using drafting tools or computer-assisted design (CAD) or drafting equipment and software.
- Confer with engineers or other personnel to implement operating procedures, resolve system malfunctions, or provide technical information.
- Recommend design modifications to eliminate machine or system malfunctions.
- Develop, coordinate, or monitor all aspects of production, including the selection of manufacturing methods, fabrication, or operation of product designs.
- Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications.
- Must be able to read and understand mechanical drawings.
- Excellent analytical and problem-solving abilities.
- Ability to present ideas in business-friendly and user-friendly language both verbally and in writing.
- Ability to effectively prioritize and execute tasks in a dynamic environment.
- Able to work and solve problems independently and in a team environment.
- Support of Mfg areas to meet production objectives.
- Tool/ Fixture design.
- Ability to work under pressure and to deadlines.
- Good problem-solving skills and a creative approach to new ideas.
- Leadership potential for future growth of the engineering department

EDUCATION AND EXPERIENCE

- B.S. degree in Mechanical Engineering, Industrial Technology, or equivalent program
- 5+ years of experience
- Proficient with AutoCAD, Microsoft Word, and Excel
- Excellent analytical and problem-solving skills
- 3D CAD experiences such as Solidworks and Inventor are a plus
- Ability to travel as required