



Job Description

Position:		Junior Project Engineer	
Department:	Engineering	Location:	Piqua, OH
Reports to:		President	
Pay Grade:		Date Created or Reviewed:	2/6/2023

SUMMARY

Assists with the coordination of planning, organization, control, integration, and completion of engineering projects within area of assigned responsibility by performing the following duties personally or through other engineering personnel.

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

- Provides general, entry-level support to the engineering department.
- Verifies and tests assigned metrics on projects.
- Enters test results into ERP database.
- Identifies potential areas of product improvement; recommends and assists with development of appropriate solutions.
- Assists project engineers in the development of new methods to improve product quality and process efficiency.
- Assist project engineers with providing correct drawings and bills of materials to manufacturing in a timely fashion on sales orders.
- Basic understanding of ISO 9001 procedures and work instructions and assist in Q100 quality efforts.
- Performs other related duties as assigned.

SUPERVISORY RESPONSIBILITIES

No direct reports

QUALIFICATIONS

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. Individual must have experience in designing custom machines specifically for large capital projects. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. Hydraulic and electrical design experience are a plus.

EDUCATION and/or EXPERIENCE

- Bachelor's degree in Electrical, Mechanical, or Industrial Engineering.
- Internship in related field highly desired.
- Experience in using Solidworks, Autocad. and an ERP system

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LANGUAGE SKILLS

Ability to read, analyze, and interpret mechanical drawings, quotations, and other technical correspondence. Ability to communicate verbally and in writing with customers, suppliers, and fellow employees. Ability to write transmittal letters, trip reports, and general correspondence. Ability to verbally negotiate scope of supply, price, and delivery terms.

MATHEMATICAL SKILLS

Ability to work with mathematical concepts such as strength of materials calculation, thermodynamics calculations, heat transfer calculations, and fundamentals of plane and solid geometry and trigonometry. Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

REASONING ABILITY

Ability to define problems, collect data, establish facts, and draw valid conclusions. Ability to interpret an extensive variety of technical instructions in mathematical or diagram form and deal with several abstract and concrete variables. Ability to understand and use AutoCad (Solid Works) design software and computer software for word processing, spreadsheets, project management, databases, etc.

CERTIFICATES, LICENSES, REGISTRATIONS

N/A

PHYSICAL DEMANDS

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.