

Job Title: Engineering Designer/Drafter
Reports To: DE Engineering Manager, Jeff Neumann

Dept.: Design Engineering, Dept 61
FLSA Status: Salary Exempt

GENERAL DESCRIPTION

This position assists with the design and development of new products and the improvement of existing products. Ensures customer requirements are met through parts design, validation testing, and failure analysis. Acts as a central resource for documentation control for new and existing products.

ESSENTIAL DUTIES AND RESPONSIBILITIES include the following. Other duties may be assigned. As the engineering designer/drafter, you will work to resolve issues and solve problems in the design and research area. This position will also require you to create detailed technical drawings and 3D models. Details of job responsibilities are listed below:

- Responsible for control of engineering documentation and print releases.
- Design and optimization of mechanical components for electromechanical motor systems.
- Components include shafts, couplings, flanges, housings, clutches etc.
- Develops manufacturing drawings in accordance with applicable standards
- Interfaces with outside vendors for component selection, manufacturing, and assembly.
- Read and interpret blueprints, technical drawings, schematics, and computer-generated reports.
- Work with design engineers and other personnel to implement print standards and document control procedures.
- Research and analyze customer design proposals, specifications, manuals, and other data to evaluate the feasibility, cost, and maintenance requirements of designs or applications.
- Specify system components or direct modification of products to ensure conformance with engineering design and performance specifications.

REQUIRED SKILLS

- Good communication, presentation and interpersonal skills needed to interact with all areas of business and customers.
- Good analytical & technical skills are needed for all product development and support activities.
- Multi-tasking skills are required to manage multiple requests and various project activities.
- Must be a team player.
- Excellent problem solving and time management skills
- Computer skills with the ability to work with 3D models and design.
- Autocad Inventor proficiency experience is required. Solidworks experience a plus.
- Minimal travel required for training and professional growth needs.

EDUCATION and EXPERIENCE Requirements

- Associates degree or equivalent (MET, EET or work experience equivalent)
- Demonstrated background of product, project or program management
- Design experience with 3D development software required (Autocad Inventor primary, Solidworks secondary)
- Understanding of gearing and fractional electric motors a plus

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.
- While performing the duties of this job, the employee is regularly required to use hands to finger, handle, or feel and talk or hear. The employee frequently is required to stand, walk, sit, and reach with hands and arms. The employee is occasionally required to stoop, kneel, crouch, or crawl. The employee must frequently lift and/or move up to 25 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception, and ability to adjust focus.
- While performing the duties of this job, the employee is frequently exposed to moving mechanical parts and risk of electrical shock. The noise level in the work environment is usually quiet.

Interested candidates should email, fax or mail resumes to:

Hansen Corporation
Human Resources Dept.
901 S. First St. • Princeton, IN 47670
Email: mwatkins@hansen-motor.com • Fax: 812-385-3032