



Job Title: Product Design Engineer

JOB SUMMARY

Responsible for designing and /or specifying Flexible Couplings, Machined Springs and U-joints to meet customer operational requirements.

REPORTING TO

Engineering Manager

ESSENTIAL JOB FUNCTIONS

Duties and Responsibilities

- Responsible for fielding engineering questions related to the product line and use in specific applications.
- Interface with customers by phone, email and in person to evaluate specifications supplied by customer, discuss possible solutions and follow-up on product samples.
- Determine if existing parts will meet requirements of the application or design new products as necessary.
- Collaborate with Process Planner to create initial manufacturing sequence drawings.
- Provide technical support to educate and train MW Industries, Inc./Helical Products Co., sales force and employees on the product line.
- Maintain Key Productivity indicators (KPI'S) as established.
- Adhere to quality management system.

SKILLS AND ABILITIES

- Solid Works proficiency essential.
- Understanding of fundamentals of stress analysis, material mechanics and strength of materials.
- Strong analytical and critical thinking skills
- Competency in technical writing, document control, and problem solving.
- Maintain a positive atmosphere by acting and communicating in a manner which facilitates the success of the team.
- Collaborate with team members and other departments

EDUCATION AND EXPERIENCE

- Bachelor of Science Degree in Mechanical Engineering or a related field from an accredited university. Successful completion of EIT a plus.
- Experience with motion control elements, fractional horsepower power transmission and manufacturing processes a plus.
- Experience with or exposure to, technologies that employ spring elements for operation.
- Prefer three (3) years experience in a design or manufacturing setting.