



Mechanical Engineer

Position Summary: This position will design, model, and build new products during the development cycle while collaborating with the customer. This position will also be responsible for managing projects to introduce new products into manufacturing. This position requires the ability to adapt and extend mechanical engineering knowledge as projects dictate and modifying existing designs when required.

Responsibilities:

- Manage projects and communicate goals, tasks, timelines, etc. internally to bring the design to manufacturing.
- Work with customers and suppliers to optimize designs for function, appearance and cost.
- Oversee design standards and the file lifecycle management software (i.e. PDM or Vault)
- Create 3D design drawings and finalized assembly drawings for a wide variety of products.
- Validate and check drawings of other designers for completeness and conformance to industry standards.
- Design and build prototype units at various levels of refinement.
- Communicate and collaborate with suppliers on proper material selection and design.
- Work with cross-functional teams to develop ideas/generate prototypes.

Education/Training:

- Bachelor's Degree in Mechanical Engineering and +5 years of experience
- Lean Manufacturing training and/or experience a plus.

Knowledge/Skills/Abilities:

- Computer skills
 - 3D modeling and design experience (Solidworks or Inventor is a plus)
 - File lifecycle management experience (PDM or Vault is a plus)
 - MS Office (Excel, Word, PowerPoint, Outlook)
- Knowledge of ERP Systems and Manufacturing processes a plus
- Familiar with Engineering Change processes
- Experience working in a collaborative environment utilizing file management software (i.e. PDM or Vault)
- Familiarity with metal fabrications, plastics, electrical systems, 3D Printing a plus
- Requires a self-starter, capable of multi-tasking and delivering on time.
- Communicate at a professional level both verbally and written with internal and external counterparts.
- Flexible and can quickly adjust to change
- Demonstrate positive teamwork
- Critical thinking & problem solving skills

Travel Requirements:

- Minimal

Physical Requirements:

- Be able to lift at least 25 lbs and up to 50 lbs for short periods
- Ability to climb in and around vehicles and/or machinery at customer sites

Materials and Equipment Utilized:

- Computers, printers, calipers, basic hand tools, etc

Working Environment:

- 5% Manufacturing: clean, low to moderate noise, safety glasses required and other personal protective equipment (PPE) where applicable.
- 95% - Office Environment