

Machine Safety Management
Job Description
Mechanical Designer

Summary:

As a member of the Engineering team, the Mechanical Designer will develop and design innovative products and aid in Machine Safety Management's growth. The candidate will lead development of products through CAD modeling. They will also be responsible for communication with customers in person and via some travel. They will work with all departments within the company to ensure that product specifications, performance, durability, quality, cost and manufacturing requirements are met.

Essential Duties and Responsibilities:

- Manage projects, build relationships, and communicate well with customers directly
- Field Work (Installation, Troubleshooting, Scanning, Design)
- Creative, analytical, troubleshooting of customers problems to determine solutions
- Systems and process improvement and support of both engineering and manufacturing
- Mechanical drafting using CAD, SolidWorks, and EPDM
- Reverse engineering of legacy parts
- Documentation management
- Technical writing

Qualifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily and do so while exhibiting the core values and beliefs of our organization. The requirements listed below represent the knowledge, skill, and/or ability required.

Core Values

- Persistence
- Passion
- Flexibility
- Humility
- Positivity

Education/Experience

- Minimum 2 year technical certification or degree, BS degree preferred
- Experience in mechanical design engineering
- Demonstrated experience with SolidWorks or modern 3D CAD tool
- Strong mechanical aptitude
- Ability to work on production floor
- Understanding of sense of urgency
- Up to 20% travel may be required
- Experience with machine safety industry and machine safety inspections is a plus
- Knowledge base of OSHA, ANSI, NFPA, NEC Canadian OHSA and CSA regulations and standards a plus