

Mechanical Design Engineer

Owatonna, MN

POSITION PURPOSE

- Drives the success of AmesburyTruth product categories through delivery of Engineered solutions
- Serve as functional support for design and implementation of engineering projects
- Provides Engineering technical support to internal and external customers

ESSENTIAL DUTIES & RESPONSIBILITIES

- Ability to understand product requirements and develop solutions
 - In a team environment
 - In accordance with cost targets
 - In the timeframe required
 - Through utilization of the AmesburyTruth Product Development Process
- Advises on hardware solutions for customer window and door applications
- Reduces product risk using DFMEA and FEA during the design process
- Ensures product manufacturability through participation in Design for Manufacture (DFM) and Lean/Six Sigma exercises during product design
- Models products in 2D and 3D CAD
- Ensure products adhere to applicable industry/business standards and code requirements
- Builds product prototypes to share with customers and obtain product feedback
- Creation and maintenance of Bills of Material within the corporate ERP system
- Recommends new products and product modifications
- Performs testing on products as needed for product development and customer needs
- Works with internal team to identify and implement cost savings opportunities

KNOWLEDGE / SKILLS / ABILITIES:

- Must be proficient in 2D and 3D CAD (Inventor/SolidWorks)
- Solid understanding of manufacturing methods, processes, and production equipment
- Ability to work independently as a strong self-starter
- Strong communication and interpersonal skills
- Must be proficient in Microsoft Excel and Word

QUALIFICATIONS/PRIOR EXPERIENCE

- Education: BS degree in Mechanical Engineering
- 1-2 years of experience in Mechanical Engineering Design

WORK ENVIRONMENT:

- Work is typically performed in a climate-controlled facility with moderate noise levels that are within OSHA limits
- Ability to utilize tools/equipment in R&D lab to build/test product prototypes
- Must be able to use normal office equipment (scanner, printer, copier, computer)
- Must be able to travel domestically & internationally
- Must be able to lift 25-50lbs occasionally

The above statement reflects the general details considered necessary to describe the principal functions of the job identified and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.

AmesburyTruth is committed to diversity and inclusion. If you are selected to participate in the recruitment process, please inform us of any accommodations you may require. The above statement reflects the general details considered necessary to describe the principal functions of the job identified and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.

Please send resumes to careers@amesburytruth.com