



Sr. Mechanical Design Engineer

Owatonna, Minnesota

POSITION PURPOSE:

- Drives the success of AmesburyTruth in the Window and Door hardware product categories through delivery of Engineered solutions to internal and external customers
- Plans and provides Engineering functional support for planning, control, and implementation of projects
- Develops and mentors other Engineering personnel through the use and teaching of Engineering best practices

ESSENTIAL DUTIES & RESPONSIBILITIES:

- Ability to understand product requirements and develop solutions within budget and on schedule via a defined Product Development Process
- Assists with effective allocation of Engineering resources towards appropriate priorities
- Network and collaborate with the technical teams of AmesburyTruth customers
- Leads innovation efforts in the research and development of new Window and Door products
- Develops new specifications for Window and Door hardware products
- Provides innovative solutions for complex customer hardware requests
- Reduces product risk by leading DFMEA and FEA exercises during the design process
- Ensures product manufacturability by leading Design for Manufacture (DFM) exercises and utilizing Lean/Six Sigma principles during product design
- Ensure products adhere to applicable industry/business standards and code requirements
- Identifies alternative and high performing materials for use in window and door products which will differentiate AmesburyTruth in the market
- Recommends unique new window and door hardware products and product improvements
- Identifies new methods of evaluating for products being developed

KNOWLEDGE / SKILLS / ABILITIES:

- Ability to influence other Engineers effectively to collaborate and solve problems
- Strong technical proficiency with good breadth and depth of engineering knowledge
- Proven track record of taking innovation from concept phase to commercialization
- Robust understanding of manufacturing methods and production equipment for roll-forming, stamping, injection molding, die-casting, and automated assembly processes
- Superb creativity, vision, and problem-solving skills
- Strong written/verbal communication and interpersonal skills

QUALIFICATIONS / PRIOR EXPERIENCE:

- Education: BS degree in Mechanical Engineering
- 7-10 years of experience in Mechanical Engineering Design
- Design Engineering Experience in the Fenestration Industry desired
- Exposure to Lean Six Sigma principles regarding test data analysis & FMEA desired

WORK ENVIRONMENT/OTHER REQUIREMENTS:

- 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 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