

**Job Title: Engineering Tech****Shift: 1****Department: Engineering****Location: Sioux Falls****Reports To: Director of Engineering****FLSA Status: Non-Exempt**

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### Position Purpose

- Develop new products, implement continuous improvement projects, reduce cost, evaluate projects, improve quality and maintain all documentation associated with fenestration components.

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### Essential Duties & Responsibilities

- Maintain engineering documentation including bill of materials (BOM) and assembly/component prints
- Responsible for loading BOM and other relevant engineering information into ERP system to support the business.
- Creation of engineering change orders (ECO) for changes/updates to existing BOM or for creation of BOM for new component configurations
- Perform lab tests which include: cycle testing, tensile testing, salt spray testing, and other tests as required to confirm the durability and performance of the final product.
- Assist with 1st article inspections/PPAP requirements for new parts.
- Work with Global Supply Chain (GSC) to submit requests for quotes with supporting documentation.
- Design new products with special emphasis on complex 3D models.
- Assist with Quality and Continuous Improvement activities.
- Assist with improvements to Engineering software (Product Data Management (PDM), BOM templates, etc.) & equipment (rapid prototyping printer, lab test apparatus, etc)

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### Knowledge / Skills / Abilities

- Must be proficient with AutoCAD and 3D CAD (Inventor and/or SolidWorks)
- Understanding of global dimensioning and tolerancing (GD&T) best practices
- Strong analytical and problem-solving skills
- Knowledge of project management principles and practices

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## Qualifications / Prior Experience

- Associates degree in CAD or Engineering Technology required
- Experience with PDM software desired
- Minimum of two (2) years of experience within Engineering
- Minimum two (2) years of experience in a manufacturing environment
- Prior experience with fenestration products a positive

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## Work Environment / Other Requirements

- Must be able to use office equipment (scanner, printer, copier, telephone, and computer)
- Must be able to talk/hear/sit for prolonged periods of time
- Ability to lift 25lbs on an occasional basis
- The work performed is conducted in a climate-controlled facility with moderate noise levels that are within OSHA Limits.

**Interested applicants, please submit resumes to  
[esutton@amesburytruth.com](mailto:esutton@amesburytruth.com)**