Drafter
Owatonna or Sioux Falls

POSITION PURPOSE:
• Performs a variety of non-routine technical functions typically involved with the preparation of engineering models, drawings and related documentation. Responsible for the day-to-day support of engineering staff to maintain the SolidWorks PDM document management system consisting of CAD, MS Office and PDF files.

ESSENTIAL DUTIES & RESPONSIBILITIES:
• Design, draft, and check drawings and documentation for projects
• Design special components or modify existing components as required by customers.
• Review, interpret, and explain models and drawings.
• Verify fit, form, and function of created three dimensional models.
• Calculate component dimensions, clearances, and tolerances (GD&T).
• Review drawings to ensure compliance with established internal CAD standards
• Produce gear drive assembly layouts for standard and modified gear drive systems
• Respond quickly to the shop floor’s needs by addressing issues that may surface during production regarding the manufacturing specifications, Bill of Material, or routings.
• Manage input data for the ERP system including, but not limited to, bills of assembly & item master
• Assist with creation of Engineering Change Requests (ECRs) which pertain to product or process changes

KNOWLEDGE/SKILLS/ABILITIES:
• Must be proficient in 3D CAD (SolidWorks and/or Inventor).
• SolidWorks PDM experience preferred.

QUALIFICATIONS / PRIOR EXPERIENCE:
• Associate degree (AAS) in Mechanical, Architectural, or Civil Drafting
• 3-5 years of experience in Mechanical, Architectural or Civil Drafting preferred
• Minimum of two (2) years of experience in Design or Applications in Fenestration Industry desired

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 candidates please send your resume to careers@amesburytruth.com.