

	JOB DESCRIPTION CODE:	ENG00X
	REVISION DATE:	6/25/19

JOB TITLE: Design Engineer	SHIFT: 1
DEPARTMENT: Product Management	LOCATION: Statesville
REPORTS TO: Director Seals & Extrusions Category	FLSA STATUS: Exempt

POSITION PURPOSE:
<ul style="list-style-type: none"> • Drives AmesburyTruth's success in the weatherseal product category through delivering Engineered solutions to internal and external customers • Directs, coordinates, and exercises functional authority for planning, control, and implementation of engineering projects • Provides technical engineering interface with customers, manufacturing, quality, purchasing, sales, and suppliers

ESSENTIAL DUTIES & RESPONSIBILITIES:
<ul style="list-style-type: none"> • Ability to understand customer / market / application requirements and develop / bring to fruition effective product solutions <ul style="list-style-type: none"> ○ In a team environment ○ In accordance with cost targets ○ In the timeframe required ○ Aligned with manufacturing / supplier / material capabilities • Advises on weatherseal solutions for customer applications • Leads efforts in developing specifications for weatherseal products • Reduces product risks using DFMEA and other analysis tools • Designs products in 2D and 3D CAD and implements • Follows AmesburyTruth's Product Development Process • Adhere to applicable industry, business and code standards • Research new materials and methods of development • Organize and maintain existing engineering records • Construct prototypes and confirm designs with Operations / Purchasing / Market (customer) • Creation and maintenance of Bills of Material within the corporate ERP system • Creates well-written product documentation and application notes to communicate key information to customers efficiently and clearly • Recommends new products and product modifications • Maintain responsibility for generating and executing Engineering Change (ECR/ECO) • Manages projects using project management and communication tools • Develops and facilitates product training for internal and external customers • Performs testing on products as needed for development and customer needs • Works with internal team to brainstorm and implement cost savings initiatives

KNOWLEDGE / SKILLS / ABILITIES:
<ul style="list-style-type: none"> • Must be proficient in 2D and 3D CAD • Ability to create / collaborate detailed project plans • Solid understanding of manufacturing methods, processes, and production equipment • Ability to work independently as a strong self-starter • Strong Customer Service Skills • Must be proficient in Microsoft Excel and Word • Excellent communication and positive teamwork skills

QUALIFICATIONS / PRIOR EXPERIENCE:

- **Education: BS degree in Mechanical, Industrial, or Manufacturing Engineering**
- **3-5 years of experience in Design or Applications Engineering in the Fenestration Industry desired**
- **Experience in LEAN or Six Sigma desired**
- **Experience with urethane and extruded thermoplastic materials desired**

WORK ENVIRONMENT/OTHER REQUIREMENTS:

- **The work performed is conducted in a climate-controlled facility with moderate noise levels that are within OSHA limits**
- **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**

Candidates: Please send resume to vicki.mcguire@amesburytruth.com