



Product Engineer

At Clear Edge Filtration™, we've been advancing industrial process filtration – and our customers' processes – for more than 100 years. Like the products and filter media we weave, our people are experts at finding value and removing waste. It's the reason leading companies around the world count on Clear Edge Filtration™ for innovative solutions to their filtration needs. Clear Edge Filtration™ is part of Filtration Group. Leading in filtration innovation since 1942, we are a growing family of companies in more than 71 locations with over 3,500 employees worldwide. We take pride in delighting our customers by providing filtration solutions for every situation. Filtration Group serves nearly every market segment with its family of companies. As part of this global network, Clear Edge Filtration™ brings leading technology and collaborative insights to every customer relationship. Clear Edge Filtration™ has an exciting opportunity for a Product Engineer in Tulsa, Oklahoma.

POSITION SUMMARY

The Product Engineer is responsible for translating customer requirements into documents, drawings, and directions, which allows for the transformation of raw materials into finished goods that exceed customer's expectations. This role is accountable for the continuous development and in-depth knowledge of design processes that improve safety, quality, delivery, inventory, and productivity.

KEY RESPONSIBILITIES

- Uses computer assisted design/drafting software to develop designs, detailed drawings, and 2-D models; drafts detailed multi-view drawings of products and manufactured components; updates existing drawings to ensure compliance with current requirements
- Responds to manufacturing problems or customer complaints as assigned by using various quality tools to identify root cause, determine most effective solutions and implement corrective actions
- Updates and maintains product information and specifications for assigned value streams, including, but not limited to, Bills of Materials, Routings and other item details in ERP systems
- Assists in the coordination of the development of new products through design, testing, costing, literature and approval
- Modifies product and component designs to correct operating deficiencies and/or to reduce production costs, problems, or to satisfy customers' special requirements
- Works effectively with other functions to assure reasonableness of plans and timetables for design, manufacture and performance testing. Advises internal customers of delays, obstacles, changes, and/or solutions
- Facilitates preparation of prototypes and new product samples
- Maintains accurate and current metrics and helps drive continuous improvement within function

SKILLS AND EXPERIENCE

- Bachelor of Science degree in Mechanical Engineering, Industrial Engineering or related field required
- Three (3) years of work experience outside of the Education setting
- Proficiency in Microsoft Office products, including, but not limited to, Word, Excel, Outlook and PowerPoint and AutoCAD, SolidWorks or comparable software
- Fundamental understanding of Lean Manufacturing concepts and methods
- Strong analytical and problem solving skills
- Successful project management skills, with an emphasis on managing multiple projects simultaneously
- Ability to effectively present information and respond to questions from groups of managers, employees and customers
- Excellent interpersonal, written and verbal communication skills
- Ability to proactively and independently manage delegated work assignments under minimum day-to-day supervision
- Ability to work effectively in a fast-paced and rapidly changing environment
- Action-oriented and results-driven with strong sense of accountability for satisfying the customer
- Self-starter, self-motivated, decisive and able to deliver high quality work to tight timelines