

Job Opportunities

Product Development Engineer, Precix, New Bedford, MA

[Precix](#) is looking for a Product Development Engineer who will be responsible for working with the Sales, Operations, and Pre-production teams to utilize, and/or improve upon existing processes in the implementation of new products. The Product Development Engineer will also use engineering and problem solving principles to determine effective process windows during the various stages of the APQP process.

Duties and Responsibilities include the following, but other duties may be assigned:



Sales Team / Customer

- Participates in sales calls with new and existing customers and asks probing questions to identify potential needs.
- Communicates with new and existing customers to follow up on prior meetings, answers questions, refines project requirements and ensures design solutions offered meet the expectations.
- Utilizes technical product and application knowledge to assist engineering and/or sales team.
- Review incoming orders for technical and functional feasibility; make suggestions to provide the customer with the ultimate solution for the application.
- Participates in technical communications with sales, customer service, marketing and manufacturing.
- Prepares proposals and product demonstrations for customers within a timely manner.
- Develops formal quotes (utilize cost modeling) in response to sales opportunities and organizes responses to technical RFQ packages from customers and sales team.
- Researches and analyzes data such as: customer design proposals and specifications to determine feasibility and costs.
- Uses Precix programs etc. to support application recommendations.
- Provides customers with requested / required information for design and approvals.
- Anticipates business changes, identifies and introduces new ideas and solutions to create efficiency and improve processes in the operation.

Product Development

- Coordinates activities concerned with technical developments including designs of experiment, controlled experiments and vendor sample requests.
- Determines most efficient production methods to be implemented on new product launches.
- Works closely with chemists to ensure sufficient material testing is performed for implementation on new products.
- Sets up and executes controlled experiments and designs of experiments for new or existing products.

General Technical Responsibilities

- Design projects must be managed to specific phases or aspects such as: Input, Output, Verification and Validation.
- Follow current Company procedures for technical requests.
- Submit Bill of Materials for entry into the current business system by following Company procedures.
- Complete engineering change notice(s) or other required documentation.
- Plan and develop experimental test programs.
- Evaluates and approves design changes, specifications and drawing releases.
- Evaluates, tests and implements alternative products according to specifications and quality standards.
- Remains current on all Precix compounds, technology and applications.
- Participates in meetings, seminars and training sessions to stay apprised of new developments in the field.
- Utilizes Company data acquisition sources to evaluate processes and suggest/ implement improvements.
- Confers with appropriate personnel to help ensure efficient production methods are implemented on new products (pre-production launches).
- Works with our manufacturing plant to resolve any product issues.
- Confers with workers in other departments to provide technical information.
- Prepares and presents interim and complete project reports to senior management and others as necessary.
- Be a lean advocate, driving and participating in regular, continuous improvement activities.
- Maintain that safety protocols and environmental impacts are reviewed to meet any applicable standards.

Qualifications

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential

Functions

- Project management Skills
- Must be self motivated and capable of scheduling each day's commitments.
- Experience with lean manufacturing methods is beneficial.
- Six Sigma, continuous improvement or other problem solving methodology is necessary for true solution implementation.
- Strong organizational, analytical skills.
- Knowledge of urethane products, a plus.

Education and/or Experience

- Minimum BS degree in engineering curriculum or equivalent. Quantifiable rubber/plastic related processing experience may be used in lieu of college diploma.
- Exposure and understanding of Automotive, Aerospace and Industrial Quality Standards.

Language Skills

- Must have a good command of the English language and be able to effectively communicate both verbally and in writing.

Mathematical Skills

- Must possess the ability to complete geometric and algebraic formulas.

Computer Skills

- Must be proficient with Microsoft Office Suite, specifically Word, Excel, and Powerpoint.
- Knowledge of SAP is a plus.
- CAD experience is a plus.

Reasoning Ability

- Must be able to work closely with all groups (including but not limited to: Quality, Operations, Maintenance, Machine Shop, IT, Sales/ Marketing, Finance and Technical.
- Must be able to effectively communicate with all groups to coordinate projects/ tasks.

Physical Demands

The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

- Must be capable of working in a manufacturing setting that includes but is not limited to: noise, heat, rubber smells.
- Must be willing to use proper safety equipment and practices.
- Must be willing to travel for customer and vendor visits or tradeshow up to 10% of the time.

To Apply

Contact Rachel Gordon

Human Resources Manager

Precix

Email: HROnly@precixinc.com

The above is intended to describe the general content of and requirements for the performance of this job. It is not to be construed as an exhaustive statement of duties, responsibilities or physical requirements. Nothing in this job description restricts management's right to assign or reassign duties and responsibilities to this job at any time. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Acushnet Rubber Company, Precix is an equal opportunity employer dedicated to a policy of compliance with all federal, state and local laws regarding non-discrimination in employment.