



Manufacturer of Blow Molding Machinery · Molds · Automation

## **JOB DESCRIPTION: PRODUCT ENGINEER**

### **JOB SUMMARY:**

Designs and develops new products in conjunction with other engineers. Work as part of the engineering team in development and testing of electronic, mechanical, electromechanical, hydraulic, PLC and electrical units and features for use in Rocheleau blow molding machinery systems. Designs, develops, investigates, and implements new or improved manufacturing methods, standards, and processes.

### **ESSENTIAL JOB DUTIES:**

- Designs, develops new products in conjunction with other engineers.
- Develops mechanical and/or electrical sketches from engineer's concepts, layouts, details, and assembly drawings to assist in developing product design.
- Update and make necessary updates and changeovers to existing CAD files.
- Assists in design of prototypes and assembly of prototype units.
- Creates bills of material from new designs or from existing drawings, sketches, models, prototypes, written description, or verbal instruction. Updates BOM's as necessary.
- Maintains R&D analysis including project debrief log.
- Performs additional related duties as requested or required.

### **SKILLS AND EXPERIENCE:**

- Proficient computer skills, including SolidWorks, Microsoft Product suite.
- Strong understanding of engineering principles and process.
- Strong analytical and problem-solving skills.
- Work creatively to problem solve and trouble shoot design issues.
- Knowledge of mechanical, electrical, and pneumatic systems.
- High attention to detail and results.
- Mechanical and technical skills and knowledge.
- Strong verbal and written communication skills.
- Positive attitude and team player.
- Able to work independently, establish priorities, and set objectives for self and for others.
- Ability to comprehend and evaluate facts and arrive at a decision consistent with company standards and procedures.

### **EDUCATION:**

- Bachelor's Degree in Mechanical Engineering, or related field of study

### **PHYSICAL REQUIREMENTS:**

- Ability to clearly communicate with others in English
- Normal or correctable to normal vision and hearing
- Sit for long periods of time at a computer
- Stand for long periods of time on cement floor in manufacturing plant.
- Regular and predictable attendance at our manufacturing plant in Fitchburg, MA

**DISCLAIMER:** The above information on this job description has been designed to indicate the general nature and level of work performed by the employee within this classification. It is not designed to contain or be interpreted as a comprehensive inventory of all duties, responsibilities and qualifications required of any employee assigned to this job. Nothing in this job description restricts management's right to assign duties and responsibilities to this job at any time. Employment with Rocheleau Tool & Die Co., Inc. is at-will which means the employment relationship may be terminated with or without cause and with or without notice at any time by you or Rocheleau Tool & Die Co., Inc.