



JOB DESCRIPTION: MOLD ENGINEER

JOB SUMMARY:

Responsible for design and engineering of blow molds for use in Rocheleau Blow Molding machinery systems for the plastics industry.

ESSENTIAL JOB DUTIES:

- Work independently to engineer, design and develop extrusion blow molds.
- Ability to review sample part, blueprints, 2D or 3D drawings and translate into mold in SolidWorks per customer specifications, including surface finish requirements of molded part.
- Responsible for creation of detailed CAD drawings with all dimensions, holes, water lines, necks, knives, cutters, spin domes, deflash punching, and any other pertinent mold component for manufacturing.
- Responsible for creation of Bills of Material for procurement and manufacturing of blow mold.
- Monitor manufacturing process to ensure quality standards are met.
- Provide technical advice and assist in troubleshooting design issues within manufacturing department.
- Provide technical advice and assist in troubleshooting with Rocheleau field service and with customers.
- Collaborate with team members and customers on validation and run off during factory acceptance testing.

SKILLS AND EXPERIENCE:

- 5-8 years' experience in blow mold design and engineering.
- Proficient designing with SolidWorks engineering software.
- Knowledge and understanding of mechanical engineering codes and safety standards.
- Knowledge of mold mounting method, part removal for each machine model the mold may be installed into.
- Deep knowledge of metal and resin shrinkage and water line placement for cooling.
- Analyze materials to determine suitability for mold construction.
- Work creatively to problem solve and trouble shoot design issues.
- High attention to detail and results.
- Excellent communication skills to explain technical specifications and give pertinent direction.
- Problem solving skills to determine potential issues and provide solutions.
- Positive attitude and team player.
- Demonstrated leadership and communication skills
- Able to work independently, establish priorities, and set objectives for self.
- 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 preferred

PHYSICAL REQUIREMENTS:

- Regular and predictable attendance at our manufacturing plant in Fitchburg, MA
- 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.

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.