

## Job Description

**Company:** Drake Plastics

**Job Title:** Injection Molding Process Technician / Engineer

### Summary:

The Injection Molding Process Engineer supports the Injection Molding team to ensure they develop and produce quality products in an efficient and safe manner utilizing proven scientific methods and processes. This includes extensive knowledge and hands on experience of new mold designs, tooling, and operational process controls.

### Primary Duties / Responsibilities:

 to include, but are not limited to the following:

- Work with sales and other team members to introduce new molds, tooling, and processes that meet all technical requirements and exceed customer expectations.
- Develop scientific based processes and generate documentation and controls to ensure efficient and optimum run consistency.
- Participate and provide engineering input and feedback on new tooling and part designs, testing, and operational parameters.
- Provide hands on participation, assistance, guidance, and leadership in all operational activities with the team.
- Drive molding process improvements to include qualification, cycle time efficiency, and scrap reduction.
- Assist in the set-up, operation, trouble shooting, and repair of shop equipment.
- Support and report on all company and departmental Safety, Quality, and Productivity metrics and goals.

### Required Skills / Experience / Education:

- B.S. Degree in Mechanical / Industrial Engineering with 3+ years' experience with Injection Molding of High-Performance Polymers; or equivalent combination of education, training, and experience.
- Strong mechanical aptitude and troubleshooting skills.
- Direct knowledge and application of scientific molding principles with a proven track record of success.
- Must be able to multi-task in a fast-paced production environment while offering motivation and technical support to other team members.

### Physical Demands: (as applicable)

Working with various sizes and shapes of tooling daily, up to 50 pounds. Will require standing regularly at long intervals and lifting/moving objects throughout the day. Regular use of a computer terminal also required. Appropriate use of PPE required for the task being done.

### Work Environment / Schedule: (as applicable)

Primary shop or lab type environment working with product, hand tools, shop equipment, and report writing daily. Base schedule is Monday – Friday, and primary hours will be on day shift. Expect to be flexible based on production demands often outside of base schedule hours, as needed.

Approved By: \_\_\_\_\_ Date: \_\_\_\_\_