



Job Title – Tooling Engineer – LaVergne, TN

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About the job

The Tooling Engineer supervises the injection molding tooling department, including the planning, development, deployment, and execution of new tools, changes to existing tools and the maintenance of existing tools. This position will be located in La Vergne, TN.

Responsibilities:

The following job functions are not all-inclusive. The employee will be required to perform other job-related tasks/responsibilities requested by the supervisor. Job duties may change as required by needs of company.

- Oversee all new tool builds and ensure tools are delivered to internal specifications and best practices within timelines.
- Establish and maintain internal specifications for injection molding tooling.
- Collaborate with New Product Team to ensure the design for manufacturability of new products
- Maintain accurate engineering documentation with regards to injection molding tooling including solid models, assemblies and prints.
- Review production scheduling to prioritize and direct tooling maintenance and repair activities, including assigning resources as necessary for all PM's, routine service, and emergency repairs of tooling
- Manage a tooling maintenance scheduling and tracking system that is visual, accurate, and adequate to meet all internal requirements.
- Use a data driven approach to tooling maintenance and repairs, which includes tracking shot counts and maintenance history, to predictively schedule necessary actions to minimize tooling cost per shot, scrap generation, and machine downtime
- Responsible for contacting tooling vendors for repairs in a timely manner, and securing competitive quotes for repairs being performed
- Responsible for tracking and predicting tool life and obtaining replacement components in a proactive manner to support demand and insure product quality
- Responsible for establishing and maintaining budgets for tooling repair and maintenance.
- Facilitate effective communication across all departments, and within the tooling maintenance department across a two-shift operation, to share progress, status, and lessons-learned

- Fulfill supervisory responsibilities including coordinating the duties and activities of personnel to meet production needs and training of personnel.
- Regularly review dimensional reports on tools to ensure dimensional compliance to internal and external requirements
- Provide engineering floor support on production injection molds for troubleshooting to minimize downtime and scrap
- Assists in coordinating design and delivery of new machinery, tool handling equipment and miscellaneous supplies/tools to support tool room activities.
- Promotes a culture of safety and continuous improvement

Requirements:

1 - Education:

- Requires a Bachelor's Degree in Engineering or related technical field; or equivalent combination five years of related experience and education and/or training.
- Preferred: Bachelors of Science degree in Engineering or related field and training and experience equal to journey level mold maker.

2 - Communication skills:

- Positive Attitude
- Ability to train others.
- Good verbal and written communication and presentation skills and ability to prepare clear, informative and logical papers or reports on departmental or technical matters
- Ability to communicate effectively technical issues in either a written and or verbal context to a technical and or non-technical audience, as well as to customers and vendors
- Courteous and friendly telephone manners for dealing with outside personnel, and able to handle and resolve technical questions well.

3 - Mathematical skills:

- Ability to work with mathematical concepts such as probability, geometry and trigonometry.
- Ability to apply concepts such as fractions, percentages, ratios, and proportions to practical situations.

4 - Computer skills:

Solidworks, MS Office, MasterCam and MS Project experience.

5 - Reasoning ability:

- Approaches challenges and decisions logically, with a sense of proportionality and good judgment
- Ability to define problems, collect data, establish facts, and draw valid conclusions.
- Ability to interpret and extensive variety of technical instructions in mathematical or diagram from and
- deal with several abstract and concrete variables.
- Ability to be flexible and resilient in a dynamic environment that experiences a high flow of requests potentially impacting initial priorities
- Effective analytical ability, with high initiative and personal integrity
- Self-motivated, organized and deadline-driven

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