**Manufacturing Engineer - Plastics**

The Manufacturing Engineer is responsible for analyzing, improving and maintaining all tooling, equipment and processes relating to their assigned area.  In addition, the Engineer will support the manufacture of products in other areas as needed.

RESPONSIBILITIES:

* Assures equipment is kept in top operating condition required to manufacture close tolerance products.
* Analyzes close tolerance tooling and suggests improvements to increase output and improve quality.
* Reviews new products and suggests improvements to assure produceability and economy.
* Reviews contacts and assists with administration of outside vendors.
* Improve efficiencies through set-up time reduction, run rate improvement and machine uptime.
* Coordinate and organize improvement projects.
* Provide information and general knowledge for all production-related issues.
* Conduct training on equipment and processes.
* Assures equipment is kept in top operating condition.
* Ongoing development of associated equipment and processes to reduce costs, increase quality level and increase throughput.
* Ongoing support of production as required.
* Assures safety compliance in all operations.
* Provides hands-on support for machine set-up functions.
* Evaluates new equipment and technologies that apply to their assigned area.
* Provide documentation of all machine settings including work instructions and operation sheets

KNOWLEDGE, SKILLS AND ABILITIES:
* Knowledge of relevant processes and equipment.
* Ability to communicate effectively with all employees.
* Ability to administer policies and instructions.
* Understanding of statistical process control.
* Understanding of Lean, 5S, and multiple manufacturing concepts and processes.
* Ability to work in ultra precise tooling environment.
* In-depth knowledge of tooling design, construction, development and operation.
* Basic understanding of material characteristics.
* Must be able to work independently with a minimum of supervision.
* Ability to analyze and troubleshoot production processes.
* Must be a team player.
* Must have Microsoft Office capability.
* Must work effectively in an ISO complaint environment
* EDUCATION AND EXPERIENCE:
* B.S. in Mechanical or Manufacturing Engineering or equivalent.
* Hands-on knowledge of tooling and equipment.
* Continuous on-going education through seminars or trade associations.
* 3D CAD and tool design experience, a plus.