**JOB TITLE:** Die Technician  
**SHIFT:** 3rd  
**REPORTS TO:** Tool Room Manager  
**FLSA STATUS:** Non-Exempt

**POSITION PURPOSE:**
Support Toolroom and Production personnel within the plant by improving extrusion tooling through replacement and/or modification to achieve company quality standards.

**ESSENTIAL DUTIES & RESPONSIBILITIES:**
- Setup and operate extrusion equipment for test runs, production runs and raw material evaluations.  
- Makes detailed line adjustments and modifications to new and existing extrusion tooling, fixtures, and guides, as necessary.  
- Analyzes tooling and profiles to investigate extrusion issues and balance dies as required.  
- Must be able to see fine details and perform detailed handwork to extrusion tooling.  
- Uses blueprints, specifications and related CAD data to determine design flaws.  
- Participates in product-related meetings and production design reviews by providing feedback regarding tool and product design.  
- Provides ongoing technical support and training to support production operations.  
- Partners with supervisors and operators to set up operator specifications and procedures and assists with the introduction of new products.  
- Works with Machinists, Engineers and Designers to develop new fixtures and methods.  
- Troubleshoots extruders, auxiliary equipment and other parts of the extrusion process by gathering and recording specifications per the SOPs, and offers feedback to continuously improve the process.  
- Maintain proper housekeeping and safety standards, making proper use of PPE, as required.  
- Maintain adequate attendance levels, be prompt, and a “can do” attitude.  
- Actively participate in Toolroom department team meetings.  
- Other duties as assigned.

**KNOWLEDGE / SKILLS / ABILITIES:**
- Must demonstrate a high degree of hand-eye coordination and a steady hand to perform ultra-fine work on tools under stereomicroscope, using files, carbide burrs, cratex, etc.  
- Thorough understanding of the equipment and materials used in the extrusion process.  
- Must have proven ability to troubleshoot and solve difficult and challenging production problems with minimal guidance and direction.  
- Must understand and apply mathematical concepts, including fractions, ratios and proportions, as well as the fundamentals of geometry, trigonometry and tolerances.  
- Ability to read and comprehend operating instructions, blueprints, design specifications and engineering drawings.  
- Must be proficient in utilizing precision measuring equipment, including calipers.  
- Must have strong time management, organizational, and record keeping skills.  
- Must be able to use a computer and Microsoft Office.
**WORK ENVIRONMENT/OTHER REQUIREMENTS:**

- The performance of this position normally requires exposure to a typical manufacturing areas were under certain conditions that require the use of personal protective equipment. Primary environment: Temperature of work area may be moderate and affected by outside temperatures and machining. Industrial lighting provided.
- With minimal supervision, demonstrate the ability to solve practical problems, interpret, resolving problems and issues using a variety of instructions or guides furnished in written, oral, diagram, or schedule form.
- Demonstrated ability to add, subtract, multiply, and divide in all units of measure, metric and standard, use of a calculator as required
- Standing, sitting, stooping and squatting can be expected along with lifting or with other means transfer of tooling, parts, containers and raw materials.
- Specific vision abilities required for detail work may include close vision, distance vision, peripheral and depth perception and ability to focus.
- Ability to lift up to 25-50 lbs. on an occasional basis.
- Be able to work your scheduled shift and be “on-call” when needed for weekends.

**QUALIFICATIONS / PRIOR EXPERIENCE:**

- GED or High School education preferred.
- Minimum of (5) years of extrusion operator and/or injection molding experience.
- Requires a strong mechanical and analytical background.
- CAD experience is preferred, but not required.

*The above statement reflects the general details considered necessary to describe the principal functions of the job identified, and shall not be construed as a detailed description of all the work requirements that may be inherent in the job.*

**APPROVAL:**

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Employee Signature Date