

Job Title: **Urethane Operator**

Shift:

Department: DL3180

Location: Statesville

Reports To: Production Supervisor

FLSA Status:

Position Purpose

- The primary function includes but is not limited to; setting up and running all forming lines and all required equipment, grooming/cleaning/maintaining all tooling, performing equipment calibrations, mold changes (with or without assistance), changing chemicals in chemical additive carts, draining and refilling chemical delivery systems, developing and refining existing processes.

Essential Duties & Responsibilities

- **Molds** - Moves materials (molds, tooling and related items) into and out of storage as required. This includes re-blocking of molds. Inspect, cleans and documents all mold/tooling movement(s) as well as dimensional data on molds/tooling. Packages and properly labels finished molds.
- **Urethane Production Lines** - Responsible for preparing Urethane lines and related equipment (including but not limited to) Installation of mold, mixing head, tracks, tooling, and ancillary equipment Proper placement and alignment of tooling. Moving, replenishing, and monitoring materials needed for the production and packaging of product. Cleaning and adjusting equipment. Perform required preventative maintenance on all equipment in area. Run product as directed and at variable conditions for the development of new Urethane products or the refinement of existing product. Produce Urethane product for production purposes.
- **Folders** - Grooming of Folders - Install, set up and groom folders on production equipment to produce parts that are in specification. Make adjustments to the folder to correct for problems as they occur. Preparation of Fixtures - Arrange for timely fabrication of fixtures. Repair Folders - Repair folders as required and make the determination if folders need replacement. Repair and fabricate liner tracks as needed. Track Folder Usage - Organize folder preparation, repair and storage areas. Regularly inspect folders in use, clean and repair as necessary. Ensure backup folders are always available for manufacturing. Folder Cleaning - Clean all folders as required from the manufacturing floor. Folders are to be cleaned and inspected for all manufacturing lines.
- **Tooling** - Tooling includes but is not limited to the following: Tooling plates, locking rolls, reform rolls, post folders, heads, screws, blocks, pumps, slitter tooling, mixing equipment, clamps and brackets. Tooling Cleaning - Collects tooling from the manufacturing lines. Disassembles tooling as required. Thoroughly cleans, lubricates, rebuilds, and repairs tooling. Grooming of Tooling - Installs, set ups and grooms tooling on production equipment to produce parts that are in specification. Can make adjustments to the tooling to correct for problems as they occur. Documents (on computer) all critical setup dimensions and tooling locations for production line. Preparation of Tooling- Arrange for timely fabrication of fixtures. Track Tooling Usage. Organize tooling preparation, repair and storage areas. Regularly inspect tooling in use, clean and repair as necessary. Ensure backup tooling is always available for manufacturing. Regularly collects mixing heads and metering valves from all manufacturing lines. Interfaces with maintenance to have all parts rebuilt as necessary.

- **Materials** - Must be willing to work with potentially harmful process chemicals and compounds, tapes, liners, and all related packaging materials. Must understand and adhere to all hazardous material safety rules.

Knowledge / Skills / Abilities

- **Chemical Handling** - Comprehension of Chemical SDS's in department and proper PPE during mixing head changes, chemical line plugs/changes, and flushes. Perform proper disposal and cleaning of various chemicals. Minor troubleshooting of chemical flows to produce good part. Utilize secondary chemical carts as called for. Basic understanding of "good foam" product by cup sample prior to line start up. Change plugged chemical lines, three-way valves, and pumps as required.

Qualifications / Prior Experience

- **Supervision** - Must be self motivated, highly responsible, capable of working independently and of handling multiple complex tasks with minimal supervision. Must be capable of making decisions based on experience and training and as part of the decision making process, must be capable of determining when to notify management immediately. Decision making process must include proper prioritization of all tasks associated with this position to ensure production.
- **Communication Skills** - Must interface with various manufacturing personnel including engineers. Position requires good oral and written communication skills. Position uses computer program(s) for tracking of parameters. Must be capable of working with computers. Responsible for written documentation to ensure the quality and repeatability of all associated tasks.
- **Training and Education** - Position requires extensive training on the theory and use of mechanical equipment including plastic extruding as well as general knowledge of sheet metal working (including the use of shear and brake), of welding and soldering and of tooling assembly/disassembly and precision measuring equipment. The technician needs as minimum requirements good math skills with a general mechanical background.
- Must have training and experience in the safe handling of a wide variety of mechanical equipment and the handling/use of certain chemicals, chemical cleaning/lubricating solutions.

Work Environment / Other Requirements

- **Physical Requirements** - Work that requires the continuous lifting of material that weighs over 5 lbs. and up to 25 lbs. inclusive, or frequent lifting of material weighing over 25 lbs. and up to 60 lbs., or equivalent exertion pulling or pushing.
- **Rework** - Rework, inspect, sort, and repackage Urethane product as instructed by the Supervisor.
- **Safety** - 24-hour HAZWOPER Certification required (provided in-company) Takes part in regular safety walk through of department and assists in attempts to maintain the highest possible safety standards. Follow plantwide safety policies and conform to all PPE requirements
- **Other** - Perform other duties as related to the above or as directed by supervision