



HOLDRITE® Job Description: Mold Maker/Machinist, LaVergne, TN

PRIMARY PURPOSE OF JOB AND CONTRIBUTION TO ORGANIZATION:

This position is responsible and accountable for ensuring molds and related equipment are manufactured and maintained to perform to Company standards. Responsible for programming, set up, manufacturing, and build of new injection molding tooling, tool repair, and fixtures. Position will assist as needed in maintaining and rebuilding stamping tools as directed by the Supervisor.

ESSENTIAL TASKS AND RESPONSIBILITIES:

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

1. Ensure tool room is maintained in a safe, clean and orderly manner on daily basis
 - Follow safety rules and regulations and enforce same as well as good shop practices
 - Ensure area is organized and kept clean
2. Ensure parts are maintained to the highest quality standards possible on a daily basis or as needed
 - Sets up and operate conventional, special-purpose machines to fabricate tooling components; and fit and assembles these components into production tooling and fixtures
 - Set-up and operate automatic and manual machining equipment for the manufacturing and repair of injection molds
 - Weld repairs as needed
 - Repair damaged molds/dies, springs and punches
 - Perform preventive maintenance on all molds/dies
 - Design and build gauges to check accuracy of parts
 - Design and build jigs and fixtures as needed
 - Perform in-press trouble-shooting
 - Perform mold/die set-up procedures
 - Resolve die performance issues
 - Perform correct mold/die changeovers
 - Perform part inspection per QA guidelines
3. Manufacture new molds/dies to meet production demand for existing and new products, to the highest quality
 - Build new molds/dies
 - Modify existing molds/dies
 - Resolve mold/die safety issues

- Resolve mold/die performance issues
- When required, produce parts, at times with few or no prints as a repair function

4. Support research and development efforts to design and manufacture new products

- Manufacture prototype parts from engineering prints
- Improve prototype parts
- Provide mold and tool expertise to design reviews and product development

5. Ensure tool room operates in an efficient and productive manner at all times

- Maintain shop equipment
- Maintain daily records of work performed
- Conduct, maintain and report inventory of mold/die and shop supplies, punches and springs
- Update tool room schedule as needed with minimal direction from Supervisor

6. Support Maintenance Department

- Perform preventive maintenance on all press room equipment.
- Help maintenance department on special projects.

QUALIFICATIONS:

This position requires 2 year technical degree and/or 3 years of related experience as a mold maker and/or tool and die maker using precision machinery, tools , equipment and injection mold experience (setup and operator experience is helpful). This position requires the ability to interpret part and mold drawings. The position requires high school math skills, computer experience and proficient understanding of drawing analysis/software, i.e. AutoCAD/SolidWorks or other. Also requires experience with computer aid programming software, preferably MasterCam. Direct experience with Haas CNC machines and Charmilles ram/sinker EDM and wire EDM machines are desired, but not required.

PHYSICAL DEMANDS OF JOB:

This position requires constant standing, use of hands and fingers, and eye-hand coordination. This position also requires frequent walking, talking, hearing, and occasional sitting, turning, twisting, bending at waist and reaching with hands and arms. Incumbent must be able to frequently lift and carry up to 20 pounds and occasionally lift and carry up to 50 pounds. Good close, distance, color, and peripheral vision as well as depth perception and the ability to see colors and adjust focus are required.

WORK ENVIRONMENT AND SPECIAL CONDITIONS:

This position works primarily indoors in a manufacturing setting with occasional exposure to outdoor weather conditions which may be hot, cold, humid or dry. This position constantly works around moving mechanical parts. This position is occasionally exposed to dusts, airborne particles, toxic or caustic chemicals, and oil, grease or dirt. This position may require travel by car, plane or other commercial vehicle. A loud noise level is typical for the work environment of this job.