

POSITION:

Journeyman Mold Maker

DEPARTMENT:

Tool Shop

Function:

To in build or repair all types, sizes and shapes of plastic injection molds. To assemble and test complex tools and molds in production. This is the next level of Mold Making for those who have completed the requirements of the Apprenticeship Program.

SCOPE:

Internal. Interacts with supervisors, processors, maintenance, quality control, mold setters, lead people, and other employees to assist with solutions to problems.

External (outside company) May interact with customers and vendors in an effort to build and maintain a strong working relationship between the customer and Beach Mold and Tool.

RESPONSIBILITIES:

1. Reads and interprets blueprints or works from verbal or written instructions, sketches, or from the actual part to be copied or fitted.
2. Plans the setup and operation of various tool shop tools, considering types of material, tolerances, and machine tool feeds and speeds.
3. Heat treats and welds parts as required.
4. Uses precision measuring and gauging tools, performing required inspections before, during, and after machining.
5. Uses hand tools of the trade for modifications as required.
6. Fits and assembles mold parts, tools, and dies. Sets up, runs off, and tests molds to produce a product meeting specifications, tracing die difficulties to their source and making any necessary modifications.
7. May assist machinists in injection molding press overhaul.
8. May assist product designers by providing information about potential manufacturing difficulties with new product designs.

REPORTING RELATIONSHIPS:

Reports to the Tool Shop Manager

EQUIPMENT:

Standard hand tools, along with precision measuring and gauging tools, cranes, boring machines and other typical mold making equipment.

PHYSICAL CONDITIONS:

Work is conducted on shop floor. Should use extreme caution while operating a mold press, follow safety guidelines, Must be able to lift sixty (60) pounds.

OTHER:

Other duties as assigned.

EDUCATION AND TRAINING:

Education. Completion of formal apprenticeship program, technical school training program, or completion of in-company five –year training program.

Experience. Prefer 5 years mold making experience, particularly with “hot runner” mold systems.

Skills. Good problem solving skills and ability to work with minimum supervision. Ability to communicate with designers concerning technical ramifications of designs. Willingness to follow safety rules when operating machine tools and assembling heavy mold parts. Must have excellent manual dexterity, muscular control, and a delicate touch to accomplish precision work without damage to valuable molds. Ability to move mold parts and equipment weighing up to 50 pounds. Also must possess excellent corrected vision to read blueprints and to perform careful inspection of molds and test products.

Behavioral Characteristics. Must be self directed and have the initiative and drive for constant improvement in quality and performance. Must maintain a positive attitude and follow the basic principles when dealing with other employees above and below the position. Must listen to understand clearly and give feedback to help others. Also, must be willing to take on new assignments, request help, be able to get your point across, deal with changes, work smarter, participate in group meetings, and be a team player.

Print Name

Signature

Date