



Mold Setter

Requirements: The mold setter must be able to follow written and verbal instructions. Must have mechanical aptitude, ability to use hand and power tools. Tools and safety equipment are provided by Molding Dynamics. You must have the ability for repeated bending, reaching, stooping, climbing, and lifting. The Mold Setter should have lift truck, rigging, and or crane operation experience. The Mold Setter is required to understand and safely operate/setup the injection molding machine. The Mold Setter should have fundamental knowledge of the different plastic materials and their processing.

Essential Duties: The Mold Setter will safely remove and install molds into the injection molding machines. Install necessary water lines, knockout bars, hydraulic lines, air lines, switches, hoppers, dryers, conveyors, and auxiliary equipment. Startup the job assuring the parts meet the visual and dimensional criteria turn the press over to production dept. Perform relief duties, fill in for other positions as required. Report any unsafe conditions, follow safety, and plant rules. Perform maintenance duties as needed.

Job Outline:

1. Check e-mail, schedule board, or Supervisor for mold/ press status to see what changes are taking place.
2. Make sure there are sufficient clamps and that they are aligned properly.
3. The drop bar is set properly and tested.
4. The barrel is purged of dissimilar and or contaminated material.
5. The Blue Book is at the press when removing the tool and it is signed off.
6. Mold faces are cleaned and rust preventative is adequately applied to mold surfaces before pulling the mold.
7. All water is blown out of water passages, the water should be blown into black buckets. The buckets should be dumped into the sink afterwards.
8. Hook up water, air, hydraulic lines per diagrams. Verify all connections are tight and not leaking.
9. All electrical connections are properly engaged and working.
10. Make sure knockout bars are the correct length and tied in as required.
11. When installing a mold, the mold faces must be cleaned of rust preventative before starting up.
12. The proper nozzle tip is installed prior to the start of molding.



- 13. If there are issues with the mold at the end of the order it must be tagged and documented along with any sample parts of the defect.**
- 14. All tools should be put away after the mold is set.**
- 15. The Blue Book is at the press when setting a mold.**
- 16. The lift truck daily inspection checklist is completed.**
- 17. Change nozzle bands and nozzles when required.**
- 18. Test heater bands, fuses when required.**
- 19. May be required to fill in for other positions when required.**
- 20. Make sure required documentation is entered and turned in.**
- 21. Replace any damaged eyebolts, chains, or lifting straps.**
- 22. When obtaining eye bolts for the molds use the correct color so the thread pitch is correct.**
- 23. Make sure mold straps are in place when and that they are removed before opening the mold.**

This is a brief outline of duties; it is by no means all inclusive of job duties nor is it a full description of how tasks are to be completed. Please refer to the appropriate SOP or training guide for complete descriptions.