

Die Cast Operator

Run production equipment in the die cast department to produce high-quality parts. Expected to follow start-up procedure, inspection procedures, and maintain production and quality standards.

Essential Duties & Responsibilities:

- Able to start, stop and run die cast cells and manual machines in a safe and efficient manner. This includes, but not limited to, checking the machine and auxiliary equipment (robot, ladle, reciprocator, trim press, slides, limit switches, holding furnace, etc.) for safe and efficient operation.
- Possess current knowledge of and use good judgment in determining visual defects and variation in castings for the acceptance/rejection of production parts to meet NPC and customer specifications.

Job Duties:

- Able to maintain an acceptable level of quality and quantity of parts during production and strive for increases in the level.
- Able to work with minimal assistance to troubleshoot, determine the nature of operational problems, resolve the problems and communicate the problem and resolution to the appropriate individuals.
- Able to work on/remove/replace dies, cores slides and cylinders with little/no assistance.
- Able and willing to assist other operators and departmental personal in the resolution of operational/quality problems.
- Capable of learning the set-up and utility jobs to fill in for them in their work absence.
- Cooperate and actively participate in company sponsored programs to improve the competitive position of the company, included, but not limited to continuous improvement, housekeeping (5S), quality, and efficiency.
- May work as an Inspector and Furnace operator, which includes:
Being responsible for seeing that each work station has the correct gauges, measuring devices, paperwork, etc. specified in the part documentation. They assist each operator in the operation and correct measurement of the casting and compare it to the specification. They verify and if necessary, assist the operator in the correct completion of production documentation.
- The furnace room person is responsible for proper furnace care, melt, re-melt, holding operation for delivery of continuous supply of metal to be available for die cast machines and operators, pre-loading scrap hoppers, delivery of pre-loaded scrap hoppers to trim presses, and collection of scrap and return when loaded with scrap for re-melt. Organizes the work area, checks all equipment & furnaces for safe and correct operation, continuous visual inspection of equipment, furnaces, hoists, ladle and other related equipment, checks, changes and monitors levels and temperatures of re-melt and holding furnaces, recordkeeping of temperature sheets, bowl ladle cards and operation logs, initiates and maintains continuous melt operation.
- Also cleans and helps maintain the Die Cast Department.

- Communicates the status of operations and shift issues to the other shifts, both verbally and through the use of logs and documentation.
- Moves stock and empty baskets as necessary to maintain the flow of material and to maintain continuous die cast operations. Other assignments as necessary to help optimize the performance of the department and plant.
- Other duties as assigned.

Knowledge & Skills:

- Mechanical ability with broad working knowledge of equipment, machines, tools, gauges, work procedures (SOPs), files, logs, records, inspection procedures and production schedules.
- Flexible in job assignment and duties.

Work & Education Requirements:

- High school diploma or GED
- 1 year of applicable experience preferred

Physical Demands

This position requires manual dexterity to properly and safely manipulate tools and controls. This position requires frequent walking and standing; occasional sitting, climbing, balancing, stooping, kneeling, crouching and crawling. The employee must frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, distance vision, color vision, peripheral vision, depth perception and ability to adjust focus.