



22 Mt. Dumplin Road • Palmer, MA 01069 • P: (413) 283-2976 X324 • F: (413) 283-2979

Job Title: CNC Machine Tender

Reports To: CNC Programmer

Department: Machining

Location: Palmer Foundry

Shift Schedule: 2:00 PM – 10:30 PM overtime as necessary

Training will be on 1st shift (5:00 am-1:30 pm). Once trained the candidate will transfer to 2nd shift and receive a 15% shift differential (capped @ \$2.50) on the base hourly rate. Shift schedule is listed above.

Hourly rate starts @ 16.00 per hour which is negotiable based on experience. Send resumes to Csweetman@palmerfoundry.com.

Summary: Palmer Foundry is looking to expand the Machining Department. As a member of the team, you'll ensure the efficient running of production. The new Machine Operator will be required to set up, maintain and operate machining equipment. An ideal candidate is reliable and able to work with attention to detail and safety standards.

While some on-the-job training is expected, the Machine Operator should have a solid understanding of basic mathematics, including trigonometry, and basic algebra. Analytical thinking and open communication regarding process improvements is critical in the effort to add value and maintain quality of our product while maintaining safe practices. This post requires close collaboration with co-workers of all levels.

The Machine Operator will tend to all requirements of casting machining center including preventative maintenance, tool calibration and the tracking of vital statistics. The use of hand tools to inspect and finish grind castings is expected.

Essential Duties and Responsibilities:

- Identify and select appropriate operations based on parts and instruction.
- Select correct machining program from machine controller.
- Install and properly set up fixtures in Machining Center.
- Load and unload castings onto machining fixtures.
- Touch off tools, fixtures, and castings as needed
- Run job and monitor equipment and cutting tool performance.
- Monitor and mix cutting chemicals as necessary (coolant, lubricants, etc.)
- Load and unload tooling from tool changer. Replace broken or worn cutting inserts.
- Perform final finishing and deburring operations.
- Perform and record final inspection and measurements of castings.
- Conduct process experiments as directed by CNC programmer.
- Recommend process improvements to increase casting quality or cell throughput.
- Operate hoist, pallet jack and other support equipment as necessary



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- Other related duties as required

Competency:

To perform the job successfully, an individual should demonstrate the following competencies:

Problem Solving - Identifies and resolves problems in a timely manner; Gathers and analyzes information skillfully.

Technical Skills - Pursues training and development opportunities; Strives to continuously build knowledge and skills in CNC machining, cutting tools, and fixturing concepts.

Qualifications: To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

Language Ability: Ability to read and interpret documents such as safety rules, operating and maintenance instructions, and procedure manuals. Ability to write instructions and correspondence. Ability to communicate effectively to employees of the organization and outside vendors.

Math Ability: Ability to calculate figures and amounts such as, proportions, percentages, area, circumference, and volume. Ability to apply concepts of basic algebra and geometry.

Reasoning Ability: Ability to solve practical problems and deal with a variety of concrete variables in situations where only limited standardization exists. Ability to interpret a variety of instructions furnished in written, oral, diagram, or schedule form. Able to troubleshoot and resolve machine alarm codes using a variety of resources including paper and electronic documentation, and internet.

Computer Skills: To perform this job successfully, an individual must be able to use a windows PC and have working knowledge of spreadsheet, word processing and internet browsing software.

Proficiency in additional site specific software includes:

HAAS CNC tool controller interface

Renishaw touch probing computer interface (Training may be required)

Certificates and Licenses: Hoisting license, fork truck license

Supervisory Responsibilities: This is not a supervisory role. Training of employees new to the area will be required.

Work Environment: The work environment characteristics described here are representative of those an employee encounters while performing the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions. The noise level in the work environment is sometimes loud.



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Physical Demands: The physical demands described here are representative of those that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

While performing the duties of this Job, the employee is regularly required to use hands to finger, handle, or feel; reach with hands and arms and talk or hear. The employee must occasionally lift and/or move up to 50 pounds. The employee is frequently required to stand and walk. The employee is frequently required to climb or balance and stoop, kneel, crouch, or crawl. The employee is required to use various hand tools (wrenches, screwdrivers etc.) and power tools (rollers, grinders, etc). The work area requires the use of stairs to enter inside the machining center. The inside of machining center is uneven, and may be slick with coolant and or chips.