

POSITION SPECIFICATION



CNC Machinist II

COMPANY OVERVIEW

Pearl designs and builds standard and custom high-speed machine attachments for punching holes, perforating and slitting for the converting industry. Pearl also offers blown film extrusion process enhancements that improve film quality at higher outputs while reducing maintenance. Pearl can be counted on to make any unique application better than anyone! Pearl Technologies' success and reputation are built on outstanding customer service, innovation, quality, speed and delivery.

Pearl has revolutionized the plastics industry with over two dozen patents, a lineup of over 3,000 solution-driven products and 13,000 parts for thousands of customers in every continent of the world. All of the action takes place in Pearl's 41,000 square foot headquarters located in Savannah, New York.

POSITION SUMMARY

The CNC Machine programmer/operator position typically requires the ability to follow written instructions and read blueprint specifications, or equivalent. The individual programs and operates semi-automatic or automatic numerically controlled machine tools to perform a series of progressive machining operations on repetitive work to close and exacting tolerances and finish specifications requiring considerable skill. The CNC Machinist operates CNC Machines and machining centers to fabricate precision parts per engineering specifications. This position works from setup instructions, defining and coding tool arrangement, material clamping methods and console settings for operations such as bore, mill, drill, face, thread and occasional profiling and contouring. The individual is required to check parts for conformance to specifications.

Reports to: Manufacturing Supervisor

Classification: Non-Exempt

Location: Savannah, New York

Key Interfaces: Pearl Team Members, Engineering, Manufacturing, Quality Control, Operations Team

MAJOR RESPONSIBILITIES

SAFETY:

- Ensure that all company Safety Policies are being followed in all work performed on equipment or buildings.
- Follow Log Out / Tag Out procedures and utilize proper Personal Protective Equipment at all times; is current with all required company annual trainings.
- Offer recommendations for enhanced safety measures and equipment to the Safety Committee.

MAIN DUTIES:

- Program CNC mill or lathe as per engineering drawing specifications and tolerances.
- Set controls to regulate machining factors such as speed, feed, coolant flow, and depth and angle of cut, or enter commands to retrieve and input computerized machine control media.
- Uses tools such as edge finders, indicators and probes to find machine work offsets.
- Loads parts in machine, cycles the machine, and detects malfunctions in machine operations such as worn or damaged cutting tools.
- Determines appropriate bar stock size, based on diameter, necessary for a job.
- Run production lots and communicate with others regarding production runs.
- Produces parts that meet engineering specifications, without supervision.
- Reads, understands and interprets engineering and manufacturing drawings with working knowledge of GD&T, producing parts that meet the specifications.
- Learns optimal cutting techniques, speeds and feeds.
- Starts and observes machine operation to detect malfunctions or out-of-tolerance machining, and informs of discrepancies.
- Verifies conformance of finished work piece to print specifications using standard measuring tools.
- Learns/can recognize machine deviation versus cutter or holding problems and informs supervisor.
- Thoroughly inspects first part run with mid to high level of complexity.
- Meets job standard times consistently and communicates when unable to do so.
- Ensures part count and data entry is accurate and correct consistently.
- Accurately completes and maintains all paperwork for parts/records.
- Completes and maintains accurate computer entry for parts/data.

MINIMUM QUALIFICATIONS

- High school diploma/GED or graduation from a certified technical school, or proven work history in a production environment, with five (5) or more years related experience.
- Must have CNC programming experience, mill and/or lathe.
- Strong mechanical ability.
- Must be able to read and interpret drawings, follow job routers, use math to perform basic calculations, and use basic hand held measuring tools.
- Able to accomplish tasks and follow directions without deviation from procedures.
- Must be highly motivated and able to work independently.
- Able to solve routine problems with minimal supervision and demonstrates advanced problem solving ability.
- Detail oriented, self-motivated individual with excellent organizational skills.
- Must be able to work in an often times fast-paced atmosphere under pressure.
- Able to manage multiple changing priorities while maintaining deadlines.

- Must have working command of the English language and be able to communicate orally and in writing (basic oral instructions, simple written memos and instructions).

WORK ENVIRONMENT AND PHYSICAL REQUIREMENTS

The work environment of this position is generally performed in an indoor environment in a well-lit area. This position is required to work around high-speed machinery and equipment and requires the use of safety glasses. There is exposure to machine oil, metal filings, manufacturing odors and noise. Job functions on and around mechanized equipment will present the need for alertness, accuracy and safety awareness. Safety training is required and provided by the company in accordance with applicable law, industry standards and company policy. Specific notice is posted in areas where safety equipment is required for accident prevention.

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. Candidates must be able to read, write and communicate fluently in English. Candidates must stand for much of the workday. Work activities can involve combinations of standing, lifting, walking, carrying, pushing, pulling, bending and/or climbing for extended periods and performing repetitive activities. Work requires the ability to see (with or without corrective lenses), hear and smell in order to detect problems. The work requires the ability to lift and carry up to 50 pounds. Reasonable accommodations may be available to enable individuals with a disability to perform the essential functions of the position.