

Job Title: MTM CNC Programmer & Operator
Department: Machine Shop
Wage Classification: Hourly

Revised Date: 2/22/2023

JOB SUMMARY

Program and set up CNC and Multifunction CNC, 2 axis lathes and 3 axis mills utilizing at times 3D programming software.

SPECIFIC JOB FUNCTIONS

Following are some of the principal job functions. However, other duties and activities may be required in performance of this job:

- Program, set up and operate CNC Multifunction equipment based on blueprints, gd&t and pre-established work instructions.
- Produce high quality, tight tolerance parts, inspect product to drawing specs, recognize machining issues and make mechanical or offsetting adjustments.
- Ability and willingness to run multiple machines at the same time when appropriate.
- Inspect, deburr, and clean at the machine during cuts.
- Ability to problem solve. Troubleshoot and creatively resolve unique machining challenges.
- Assist in training of new or less experienced employees as needed.
- Support quality and continuous improvement initiatives.
- Follow all safety policies and procedures; maintain clean and safe work areas.
- Assist engineering on both new and existing designs for machined parts.
- Assist in specifications and analysis of new machines, tools and fixtures for acquisition.
- Continuously work on improving process and cycle times on all parts in the machining department.
- Know what inserts to use on various parts (different materials and depth of cuts)
- Select proper work holding jigs, fixtures, and other devices.
- Determine proper speeds and feeds and set machine accordingly.
- Use precision measuring equipment and fixed and adjustable gauging equipment.
- Make on-going machine adjustments to hold tolerance based on tool wear, machine drift or part variability.
- Measure parts produced to maintain required quality and maintain required quality recordings.



- Perform basic machine maintenance.
- Problem solving - acknowledge there is a problem and knowing what to do to fix it.

QUALIFICATIONS

- High school diploma or GED required.
- 5 years minimum of prior MTM/CNC experience.
- Gibbscam Software experience a plus.
- Ability to work from blueprints with knowledge of GD&T (Geometric Dimensioning & Tolerancing).
- Ability to use and read micrometers, calipers, gauges, other mechanical measuring tools.
- Strong work ethic and sense of purpose with ability to work independently with little supervision.

PHYSICAL JOB REQUIREMENTS

- Must be able to bend and twist, walk, or stand continuously through an 8-hour shift and lift/push/pull up to 50 pounds.
- Wrist-arm motion – repetitive motion of arms and shoulders.
- Ability to work with coolants, oils, and raw materials (various metals).
- Good hand/eye coordination.
- Vision, with or without correction, must be adequate to perform the required job functions.

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