



Job Title: CNC Development Master Machinist

Department: Machine shop

Reports: Machine Shop Manager

Education: Additional education Beyond GED and high school diploma

Experience: 10+ years

CNC Development Master Machinist performs duties and tasks listed below to write and prove out CNC programs for production or prototype parts including all documentation necessary also to work with manufacturing and process engineers and CNC programmers to complete duties and tasks.

Duties and responsibilities:

- Performs all tasks in a safe and reasonable manner
- Knowledge of CNC equipment capabilities and daily maintenance
- Reads and interprets operation sheets or shop order and verbal instructions
- Define problems, collect data, establish facts and draw valid conclusions
- Performing mid-level math skills efficiency and accurately (including addition, subtraction, multiplication, and division using whole numbers, fractions and decimals)
- Understands GD&T tolerance
- Use gauging and measurement instruments to perform all duties
- Must be able to use most all CNC equipment in shop
- Load and unload programs per instructions
- Identify, prepare and load fixtures and cutting tools in CNC and create offsets
- Inspection of equipment including, fixtures, gauges, cutting tools, and machine
- Read and understand G-Code and conversational programming and ability to modify
- Develop CNC programs written by programmer for production and prototype
- Write programs using conversational control for production and Prototype
- Reduce setup times and cost, prepare parts for production
- Identify, modify and verify conformity of production and prototype parts to operation sheets or work order
- Changes all cutting tools and offsets
- Efficiently train CNC operators and production Machinist in all aspects of the job. The duties of trainer would include on-the-job training
- Train individuals with a variety of experience levels and personalities
- Communicate information clearly and directly to co-workers and supervisory Personnel both verbally and in writing
- Abide safety procedures
- Complies with all quality policies, specifications, regulations and instructions
- Other duties may be assigned as necessary

Skills required:

- Skill and Performing mid-level math skills effectively and accurately
- Skill in using measuring tools such as calipers, micrometer and other inspection gauges
- Skill and reading and interpreting documents such as work orders drawings internal and external, customer specifications, manuals, and safety regulations
- Ability to lift up to 50 pounds
- Ability to meet production requirements as specified
- Ability to adapt to change (positive or negative)



Job Description

- Ability to accept criticism and deal calmly and effectively with stressful situations
- Ability to develop constructive and Cooperative working relationships
- Ability to effectively train Personnel in all aspects of the job. The duties of the trainer would include on-the-job training
- Ability to train individuals with a variety of experience levels and personalities
- Knowledge of 5s and lean Concepts and ability to help move forward with achieving Dept goals
- Ability to motivate and develop staff
- Willingness to take on responsibilities and challenges
- Attention to detail
- Effectively communicate and Understand Job instructions both verbally and written in the English language

Education:

- Required high school diploma or GED.
- 10+ years of CNC experience
- Technical certificates and degrees preferred