



CNC Set-up/Operator

A CNC Mill Set-up/Operator needs to have the ability to interpret detailed engineering drawings, set-up, machine, measure and inspect machined parts produced on such a machine. The ability to analyze CNC programs, plan machining operation sequences, select and specify proper tooling and execute the machining operations performed on these machines, to produce acceptable quality parts.

1. Job Duties

- 1.1. Operate the CNC Milling machine to machine and produce finished machined parts within the acceptable tolerances.
- 1.2. Ability to edit programs at the machine controller
- 1.3. Have blue print reading and math skills to interpret detail drawings and calculate necessary dimensions for set-up, verification and inspection.
- 1.4. To utilize various precision measuring tools to verify part size, orientation, position, etc. Inspect and document dimensions.
- 1.5. Be familiar with various cutting tools and materials, and capable of applying them in machining operations.
- 1.6. Able to perform other manual operations to sharpen tooling and complete parts for the next operation. (i.e. deburr, chamfer, inspection, etc.)
- 1.7. Interface with intra-company personnel for total product.
- 1.8. Prepare and maintain records and documentation sufficient to readily provide responses.
- 1.9. Adhere to Hellebusch Tool & Die, Inc. Quality Policy and follow appropriate procedures.
- 1.10. Follow safety rules; ensuring work area is clean, and orderly.
- 1.11. Perform other related or unrelated duties as assigned.

1. Physical Demands

- 1.1. Stand, Walk, Push, Pull, Reach Overhead and bend to the Floor
- 1.2. Exert 50-100 pounds of force occasionally
- 1.3. Exert 25-50 pounds of force frequently
- 1.4. Exert up to 10 to 20 pounds of force constantly to move objects
- 1.5. Visual: Near acuity and accommodation are required to operate equipment
- 1.6. Hearing: Ability to monitor machine sounds for problems

2. Professional and Personal Skills

- 2.1. Must be able to work from verbal instructions, written instructions, charts, and prints.
- 2.2. Must be comfortable with tool design and mechanical engineering principles.
- 2.3. Must be a self-starter with good organization skills, good communication skills, and a high level of reliability.
- 2.4. Must be a self-motivated team player.