



CNC MACHINIST PROGRAMMER

The CNC Machinist is responsible for CNC programming and the set-up and operation of a variety of machine tools in a safe and productive manner. The CNC Machinist may also be required to fabricate and modify parts in order to make or repair molds and fixtures. The CNC machinist operates computer numerical control machines to fabricate parts. The CNC machinist loads parts in the machine, cycle's machine and detects malfunctions in machine operations, such as worn or damaged cutting tools. The position runs production lots, communicates with co-workers regarding productions runs, and maintains a safe, organized and clean work environment.

Essential Duties and Responsibilities

- Read blueprints and use necessary measuring devices to make, or modify existing tooling, tools for new or old job prints.
- Program and set-up CNC mill and lathe.
- Enter instructions, set tool, offsets, compensation, calculate requirements, and prove part programs.
- Install and adjust chucks, tools, attachments, collets, bushings, stops, etc.
- Verify settings by measuring positions, first run part, and sample work pieces in compliance with international standards.
- Maintain specifications by observing, taking measurements, troubleshooting, adjusting and reprogramming controls, as well as sharpening and replacing worn tools.
- Follow quality control procedures and standards.
- Machine parts to specifications using machine tools such as lathes, mills, and surface grinders.
- Set up, adjust, and operate basic machine tools in order to perform precision machining.
- Maintain safe operations by adhering to safety procedures and regulations.
- Review and interpret electronic or written blueprints.
- Maintain equipment by completing preventive maintenance requirements and troubleshooting malfunctions.
- Detects and reports defective materials or questionable conditions to management or designee.
- Maintains the work area and equipment in a clean, orderly condition and follows prescribed safety procedures.
- Regularly performs milling, turning, drilling, tapping, de-burring, sawing and sanding tasks.
- Performs inspection of machined products, and documents results.
- Completes and maintains paperwork for parts.
- Assists in other work areas to perform fabrication, lay-up, infiltration, furnace operation and sand blasting tasks.
- Perform other duties as assigned by supervisor.