



## CNC Machinist

**Job Summary:** Responsible for operating machine tools such as lathes, mills. Reviewing blueprints or specs for a job. Determining proper speeds and feeds for cutting materials and material layout

### Essential Duties and Responsibilities:

- Operate machine tools such as lathes, milling machines, and grinders to produce metal parts
- Review electronic or written blueprints or specifications for a job
- Calculate where to cut or bore
- Shape steel, aluminum, plastic, silicon and other materials
- Determine how fast or slow workpiece is fed into machine
- Determine how much material to remove
- Select tools and materials for the job
- Plan the sequence of cutting and finishing operations
- Mark the workpiece to show where cuts should be made
- Position workpiece on the drill press, lathe, or milling machine
- Monitor and control feed rate and speed
- Ensure workpiece is properly lubricated and/or cooled.
- Regulate temperature of workpiece.
- Detect problems by listening for specific sounds
- Adjust cutting speed to compensate for harmonic vibrations
- Monitor the accuracy of cuts
- Replace dull cutting tools
- Check accuracy of work against blueprints and specifications
- Produce large quantities of parts
- Determine cutting path and how automated equipment will cut a part
- Convert path, speed, and feed information into set of instructions for machine tool
- Use manual and computer-controlled machinery
- Write basic programs and modify programs in response to problems
- Use Tool I.D. hand lathe, Bridgeport Mill, drill press and punch press
- Adheres to all company policies, procedures and business ethics codes
- Maintain regular and prompt attendance
- Perform other duties as assigned

### Required Skills:

- Must be able to read calipers and micrometers
- Must have multi-tasking skills, working up to 3 machines at once at times

### Preferred Skills:

- 2-3 years Machine Shop experience

### Educational/Certification Requirements:

- High School Diploma or equivalent