



Job Title: CNC Machinist

Summary: Set up and operate machine tools to produce precision parts and instruments. Plans numerical control program to control contour-path machining of parts on automatic machine tools.

Duties & Responsibilities:

- Requires knowledge of computers and electronics, computer numerical control, and basics of CNC programming.
- Read, interpret and follow basic blueprints, diagrams, engineering drawings and other written instructions
- Analyzes design data of part to determine dimension and configuration of cuts, selection of cutting tools, and machine speeds and feed rates, according to knowledge of machine shop processes, part specifications, and machine capabilities.
- Set up and operating CNC lathes and/or mills.
- Machining parts to print per specified tolerances.
- Determines reference points and direction of machine cutting paths.
- Computes angular and linear dimensions, radii, and curvatures, and outlines sequence of operations required to machine part.
- Perform quality work checks to insure the product meets quality standards, using in process inspection tools and devices.
- Working with engineers to produce quality parts to engineered specification.
- Must be able to work overtime and weekends as workload dictates.

Experience and Skills

- High school diploma or equivalent, technical training and certifications a plus
- 2 plus years experience in large-part machining and blueprint reading;
- Set up and programming
- Strong math aptitude;
- Proficiency in interpreting machining prints, geometric tolerancing, and dimensioning;
- The ability to use a feed & speed chart or a calculator to determine appropriate feeds, speeds, and depth of cuts;
- Ability to read blueprints and work from: sketches, diagrams, etc.
- Ability to use precision measuring instruments such as micrometers