
Horizontal Machinist

Position Details

Job Summary:

Without supervision during the work period machines parts made from aluminum, stainless steel and other exotic materials. Parts are highly complex and can include many angled, surfaces, pockets, steps tapers and related features on different planes. Parts will usually require more than one operation and loading schemes will be very complex. Must be able to read prints, perform complex dimensional calculations and understand and be able to read geometric dimensioning and tolerances. Can determine tool wear and perform tool changes as well as calculate tool offsets. Typically has to maintain dimensional tolerances less than +/- .001. Must be able to use all standard measurement tools to determine part quality. Must be able to calculate slopes and angles and perform complex inspection setups. Performs simple setups with assistance for jobs with single or multiple operations having tolerances greater than +/- .001. Operator will load, unload and inspect parts. Operator will maintain accurate part counts, update router paperwork, segregate parts as required and fill out SPC documentation. Operator will be responsible for quality of the parts being produced and for achieving production standards. Position will require de-burring and polishing parts at the machine and may require running multiple machines. Operator to report any equipment problems. Must understand and follow documented operator and set-up procedures. Responsible for machine and area housekeeping including cleaning the machine, removing chips from the machine, moving material and parts as necessary. Standards for efficiency should exceed 100%. Scrap rates should be under 1%.

Essential Duties and Responsibilities:

- Knowledge of operating and adjusting a large CNC vertical & horizontal mills and machining centers;
- Hands-on editing skills are required;
- Knowledge of shop math
- Knowledge of machining speeds and feeds is a plus;
- Ability to multi task in a fast paced environment;
- Ability to read and interpret documents and blueprints;
- Experience running Horizontal machine a must.
- Run a machine with minimal supervision;
- Follow instructions in fast paced environment;
- Responsible for checking tight tolerances while working in a fast-paced machine environment.

Knowledge, Skills and Abilities:

- Basic program knowledge of Tool Setup and tool Maintenance Knowledge
- Machine Shop training classes
- Safety knowledge
- Ability to do SPC control

Educational/Certification Requirement:

- High School diploma or GED

Experience Requirement:

Work Experience:

- 3+ years machining experience with pertinent CNC milling experience

- Previous experience in a company with ISO implementation

Physical Demands and Working Conditions:

Criteria:

Work Environment:

- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions
- Works in a manufacturing, office, warehouse and/or cleanroom environment.

Physical Demands :

- Ability to climb, stoop, kneel, crouch, reach, walk, push, pull and grasp.
- Ability to lift up to 25 lbs.
- Ability to lift over 25 lbs. with assistance.
- Ability to move arms, hands and fingers.
- Work may require the ability to lift 10-20 pounds infrequently
- Ability to Talk on phone and use computer for extended periods of time may be required.

Environmental Exposure:

- Required to have visual acuity to perform assigned tasks.
- Ability to sit for sustained periods of time.
- Subject to hazards including electrical current, moving mechanical parts, and exposure to chemicals and debris.
- Required to wear personal protective equipment where applicable
- May involve exposure to moderate noise levels from printers, faxes, computer etc.

Overnight Travel:

- Work may require out of town travel depending upon assignment (training and meeting).