
Manual Mill Lathe Machinist

Position Details

Job Summary:

Essential Duties and Responsibilities:

- Without supervision during the work period, machine 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.
- 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 on some work. Operator to report any equipment problems.
- Must understand and follow documented operator and set-up procedures.

Knowledge, Skills and Abilities:

- Can determine tool wear and perform tool changes as well as calculate tool offsets. Typically has to maintain dimensional tolerances less than or equal to +/- .001.
- Performs complicated setups with little assistance for jobs with single or multiple operations having tolerances greater than +/- .001.
- 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 be 98% or better. Scrap rates should be under 1%
- 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. .

Educational/Certification Requirement:

- High school diploma or G.E.D.
- AAS degree

Experience Requirement:

Work Experience:

- 5 or more years of machine shop experience with pertinent manual milling experience
- 4 + years setup experience

Physical Demands and Working Conditions:

Criteria:

Work Environment:

- Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions
- Works is 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.
- 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

Overnight Travel:

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