

### **ESSENTIAL DUTIES**

- Set up, prove out and edit new part programs and existing part programs on various CNC machines
- Read, interpret and edit machine code
- Read and interpret part prints and Geometric Tolerancing
- Calculate and adjust tool speeds and feeds to match machining conditions
- Assist programmers with new part development
- Sign off inspection reports for yourself and others
- Use cutting tools and know their application, various grades and designations
- Use traditional inspection tools to verify part dimensions
- Use CMMs, surface measuring equipment and optical inspection equipment to verify part dimensions
- Train other employees; make process improvement suggestions; troubleshoot issues for other machinists/operators
- Other duties may be assigned

### **PERFORMANCE EXPECTATIONS**, include but not limited to:

- Punch in and out of operations accurately
- Record completed quantities and scrap accurately on traveler, on in-progress documentation and in JobBOSS (each entry should be identical)
  - In-progress documentation includes, but is not limited to scrap tags, inspection reports, 1<sup>st</sup> piece, WIP cards, etc.
- Perform each operation within estimated times
- Be able to perform all operations on skills matrix within assigned cell
- Produce parts and assemblies to quality specifications
- Complete all secondary operations to AEI workmanship standards

**QUALIFICATIONS** - *To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed below are representative of the knowledge, skill, and/or ability required. Reasonable accommodation may be made to enable individuals with disabilities to perform the essential function.*

- Must have in-depth experience gained by schooling, training or on-the-job experience necessary to operate machining centers, vertical mills, single and twin spindle lathes
- Must be experienced in using all inspection tools and methods
- Computer skills must be sufficient to operate computerized controls with pre-programmed software systems
- Must have good problem-solving skills, good communication skills and good organizational skills
- Must be able to use standard shop math, trigonometric functions and geometric tolerance determination
- Must have a high degree of independence and leadership ability to assist others

### **EDUCATION, EXPERIENCE OR LICENSES**

- High School diploma or equivalent, required
- Must have valid Driver's License
- 8+ years of CNC Machinist experience or equivalent education/training and experience, preferred