

## Machinist Level III Position Description

<b>Department:</b> Production	<b>FLSA Status:</b> Non-Exempt
<b>Reports to:</b> Machine Shop Manager	<b>Date:</b> 01-13-16

**Primary Function:**

Sets up and operates conventional, special purpose, and Computer Numerical Control (CNC) machines and machining centers to fabricate metallic and nonmetallic parts. Able to write simple programs at the machine and with the ability to troubleshoot programs and able to manipulate programming in CAD/CAM Software modify minor aspects and repost programs as necessary.

**Essential Duties and Responsibilities:**

- Perform the duties of a Journeyman CNC Machinist
- Selects, aligns, and secures holding fixtures, cutting tools, attachments, accessories, and materials on machines such as mills, lathes, jig borers, grinders, and shapers.
- Calculates and sets controls to regulate machining factors such as speed, feed, coolant flow, and depth and angle of cut, or enters commands to retrieve, input, or edit computerized machine control media.
- Is able to write simple programs at the machine and has the ability to troubleshoot programs. Be able to manipulate programming in CAD/CAM Software modify minor aspects and repost programs as necessary.
- Starts and observes machine operation to detect malfunctions or out-of-tolerance machining, and adjusts machine controls or control media as required.
- Verifies conformance of finished work piece to specifications.
- Sets up and operates machine on trial run to verify accuracy of machine settings or programmed control data.
- Develops specifications from general description and draws sketch of part or product to be fabricated.
- Develop set ups for upcoming work.
- Confers with engineers, production personnel, programmers, or others to resolve machining or assembly problems.
- Be able to work with little to no supervision. Be able to mentor, coach and counsel lower level team members.
- Plans and performs a variety of machine operations utilizing numerical control machining centers to cut, shape, or form metal work pieces to specifications.
- Interprets complicated drawings, program sheets, instructions, and process sheets to determine work to be done.
- Performs a variety of milling, drilling, boring, or related operations to close and interrelated tolerances.
- Performs a variety of inspection and gauging operations to insure maintenance of quality standards and specifications.
- Performs machine maintenance
- Other duties may be assigned.

Promote and actively embrace the concept of professionalism, with an emphasis on quality, commitment, integrity, ingenuity, teamwork, the community and the environment. Safety is a deeply rooted cultural value and it must be promoted and enforced at all times.

**Minimum Qualifications/Experience:**

Associates Degree in Machining Technology and five plus year's related experience and/or training; or equivalent combination of education and experience.

MasterCam experience a plus.

Ability to program machines at the machine a must.

Must understand G and M Code.

**Additional skills**

Strong interpersonal skills and ability to work in a very dynamic environment – must have flexibility with an ability to focus.

**Other Qualifications**

The physical demands and work environment described here are representative of the conditions that must be met by an employee to successfully perform the essential functions of this job. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

**Physical Demands**

While performing the duties of this Job, the employee is regularly required to stand. The employee is frequently required to walk; use hands to finger, handle, or feel; reach with hands and arms and stoop, kneel, crouch, or crawl. The employee is occasionally required to sit; climb or balance; talk or hear and taste or smell. The employee must regularly lift and /or move up to 10 pounds, frequently lift and/or move up to 25 pounds and occasionally lift and/or move up to 50 pounds. Specific vision abilities required by this job include close vision, color vision and ability to adjust focus.

**Work Environment**

While performing the duties of this Job, the employee is regularly exposed to moving mechanical parts. The employee is frequently exposed to fumes or airborne particles and vibration. The noise level in the work environment is usually loud.