



<b>POSITION TITLE:</b> CNC Swiss Machinist	<b>SHIFT:</b> 1 <sup>st</sup> & 2 <sup>nd</sup> shift
<b>DEPARTMENT:</b> Production	<b>FLSA STATUS:</b> Non - exempt
<b>REPORTS TO:</b> Plant Manager	

**Essential Duties and Responsibilities:**

- A strong machining background on CNC Swiss machining centers mandatory
- Experience working with quality inspection equipment for first piece inspection
- Background in the aerospace or medical field machining using exotic materials a plus; - Studies blueprint and set up sheets to determine machining to be done, dimensions of parts, and permissible tolerances, and planned sequence of operations on the machine-Ability to do set ups and program parts at the machine.
- Ability to program parts at the machine. Selects cutting speeds, feed rates, depth of cuts and cutting tools to be used on basis of experience and knowledge of metal properties and shop mathematics, or by referring to tables, charts, or instructions on set up sheet. ● Mounts cutting tools in tool holders and mounts them on machine, using wrenches, verifying their position with gauges and other measuring instruments.
- Starts machine, observes operation, and verifies conformance of first-run and sample work pieces to specifications, using such instruments as micrometers, calipers, limit gauges, and scales. Capable of running multiple machines.
- Determines tool life requirements and replaces worn tools.
- Set up, operate, program & edit CNC Swiss machine to perform machining operations, such as turning, boring, facing, and threading on castings, forgings, and bar stock: etc.
- Requires little to no supervision/assistance to perform job tasks.
- Ability to read complicated blueprints and/or sketches of part to determine machining to be done, dimensional specifications, set up, operating and editing as required
- A good understanding of machine level language programming
- Ability to develop procedures and design fixtures or tooling
- A good understanding of machine level language programming
- Ability to troubleshoot production and adjust machines accordingly
- Ability and desire to be a team player and mentor to others
- Perform machining operations such as turning, boring, facing and threading on castings, forgings and bar stock.
- Ability to lead other personnel a major plus
- May be required to work on other equipment/machines within the Company

**Education, Experience, Skills and Abilities:**

- High school diploma or equivalent.
- Minimum 8 years experience in a manufacturing/industrial environment.
- Experience and understanding of machine programming codes.
- Experienced working with and programming using Mazatrol controls.
- Experience with setting-up and operating Mazak Twin-Spindle
- Experience with setting-up and operating Mazak Twin-Spindle Turning. Responsible for employee training on this equipment.
- Experience with variety of CNC and traditional manual machining machines (lathe, drill, mill, press).
- Blueprint reading / first piece inspection knowledge.
- Quality focus with drive to ensure that every part produced is a good part.
- Skilled in the use of a variety of inspection gages as well as hand and portable tools used in a machine shop.
- Detail oriented with strong record keeping and organizational skills.
- Calculate and set controls to regulate machining factors, such as speed, feed, etc.
- Observes machine operation to detect malfunctions or out-of— tolerance conditions and adjusts machine controls; or control media as required.
- Verifies conformance of finished work piece to specifications, using precision measuring instruments.
- Confers with Management, Engineers, Production and Quality personnel, and/or others to resolve technical machining problems.
- Complete essential documentation as required.



- Assure all policies and Safety procedures are followed and safety precautions are taken at all times to reduce the risk of injury.
- Maintain a clean work area and assure safe operation of all equipment.
- Complete required preventative maintenance on equipment.
- Must have own tools of the trade.
- Must be available for Overtime as required.

**Physical Demands:**

- Must be able to lift 50#
- Frequent stooping, bending, twisting, squatting, pushing and pulling
- Occasional lifting above shoulder level
- Must be able to stand for 8-10 hours at a time

**J&E Manufacturing is an EEO employer. All applicants will be considered for employment without attention to race, color, religion, sex, national origin, veteran or disability status.**