

To apply for this position, send resume to [tlawson@generalengr.com](mailto:tlawson@generalengr.com) or call Tim Lawson at 276-628-6068. You may also apply in person at the front office of General Engineering, Co. between 9 a.m and 4 p.m.

**CNC Machinist** General Engineering Co. - Abingdon, VA 24210

\$15 - \$25 an hour

### **Summary/Objective**

The CNC Machinist produces machine parts by programming, setting up, and operating a computer numerical control (CNC) machine. The CNC Machinist loads parts in the machine, cycles machine and detects malfunctions in machine operations, such as worn or damaged cutting tools. The position runs production lots, communicates with coworkers regarding production runs and maintains a safe, organized and clean work environment.

### **Primary Duties and Responsibilities**

The CNC Machinist performs a wide range of duties including some or all of the following:

- Perform all tasks in a safe and responsible manner
- Plan machining by studying work orders, blueprints, engineering plans, materials, specifications, orthographic drawings, reference planes, locations of surfaces, and machining parameters.
- Program mills and lathes by entering instructions, including zero and reference points; setting tool registers, offsets, compensation, and conditional switches; calculating requirements, including basic math, geometry, and trigonometry; proving part programs.
- Sets-up mills and lathes by installing and adjusting three- and four-jaw chucks, tools, attachments, collets, bushings, cams, gears, stops, and stock pushers; indicating vices; tramping heads.
- Load feed mechanism by lifting stock into position.
- Verify settings by measuring positions, first-run part, and sample workpieces; adhering to international standards.
- Maintain specifications by observing drilling, grooving, and cutting, including turning, facing, knurling and thread chasing operations; taking measurements; detecting malfunctions; troubleshooting processes; adjusting and reprogramming controls; sharpening and replacing worn tools; adhering to quality assurance procedures and processes.
- Maintain safe operations by adhering to safety procedures and regulations.
- Maintain equipment by completing preventive maintenance requirements; following manufacturer's instructions; troubleshooting malfunctions; calling for repairs.
- Maintain continuity among work shifts by documenting and communicating actions, irregularities, and continuing needs.
- Document actions by completing production and quality logs.
- Update job knowledge by participating in educational opportunities; reading technical publications.
- Accomplish organization goals by accepting ownership for accomplishing new and different requests; exploring opportunities to add value to job accomplishments.

### **Benefits**

Full **Company Paid!!** benefit package including **Medical, Dental, Vision, Employee Stock Ownership Plan, Short Term and Long Term Disability and Life Insurance.**

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## **Qualifications**

### ***Education Requirements***

- High School Diploma or equivalent required

### ***Experience Preferences***

- 1-3 years of manual machining experience
- Basic computer skills

### ***Knowledge, skills and abilities***

- Knowledge of and experience with operating CNC machinery and tooling as well as precision tools, including their design, uses, repair and maintenance
- Design techniques, tools and principals involved in the production of precision technical plans and drawings
- Metals and the quality and machinability and uses of metals, alloys and other materials
- Mechanically inclined, and understand manufacturing techniques
- Ability to prioritize, schedule and review work
- Effectively and safely operate a variety of assigned tools and equipment
- Interpret blueprints, shop drawings, sketches and work orders to others
- Maintain routine records
- Ability to move or transfer products with a hoist or overhead crane.
- Attention to detail
- Ability to work on multiple priorities with frequent interruptions
- Ability to work in a fast-paced environment
- Ability to work independently without daily supervision

## **Working Conditions**

- The work environment is in a manufacturing facility where noise level is usually moderate.
- Work is performed while standing, sitting and/or walking.
- Requires the use of hands for simple handling, grasping and fine manipulations
- Requires the ability to lift, carry, push or pull medium weights, up to 50 pounds
- Requires standing for long periods of time
- Requires making repetitive motions while operating equipment.
- Requires activities involving being around moving machinery
- Work a standard work week but may be required to work some overtime

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Job Type: Full-time