



Man-Tra-Con Corporation is working with a local employer to fill the following position:

**Job Title:** CNC Programmer/Operator (DK-040815-03)

**Location:** Mt. Vernon, Illinois

**Salary:** \$12.00 to \$14.00 per hour, D.O.E.

### **Job Description**

Candidate will be responsible for setting up and operating a variety of machine tools to produce precision parts and instruments. Candidate may also fabricate replacement and new parts for industrial machinery. This is a full-time position. Benefits include medical, dental, vision, 401K, vacation and holiday pay.

### **Primary Responsibilities**

- Calculate dimensions and tolerances using knowledge of mathematics and instruments such as micrometers and vernier calipers.
- Machine parts to specifications, using machine tools such as lathes, milling machines, shapers, or grinders.
- Measure, examine, and test completed units in order to detect defects and ensure conformance to specifications, using precision instruments such as micrometers.
- Set up, adjust, and operate all of the basic machine tools and many specialized or advanced variation tools in order to perform precision machining operations.
- Align and secure holding fixtures, cutting tools, attachments, accessories, and materials onto machines.
- Monitor the feed and speed of machines during the machining process.
- Study sample parts, blueprints, drawings, and engineering information in order to determine methods and sequences of operations needed to fabricate products, and determine product dimensions and tolerances.
- Select the appropriate tools, machines, and materials to be used in preparation of machinery work.
- Lay out, measure, and mark metal stock in order to display placement of cuts.
- Program computers and electronic instruments such as numerically controlled machine tools.
- Set controls to regulate machining, or enter commands to retrieve, input, or edit computerized machine-control media.

### **Additional Responsibilities**

- Provide on-the-job training to new employees.
- Accurately account for all time spent per job.
- Keep work area clean including shop floor.
- Minor maintenance of machines to include oiling, greasing, cleaning, check belts and other wear items
- Other duties as assigned.

## **Knowledge and Skill Requirements**

- Basic reading, writing, and some advanced arithmetic skills required. This is normally acquired through a high school diploma or equivalent.
- Advanced skills required in one or more of the following areas: mechanical, hydraulic & pneumatic systems, and CNC programming.
- Experience using one or more of the following tools: lathe, milling machine, drill press, and vertical/horizontal cut off saw.
- Ability to read and interpret blueprints and schematics

## **Physical Requirements**

- Manual dexterity required for operating machinery and computers.
- Ability to lift up to 50 pounds required
- Ability to stand for up to five consecutive hours at a time
- Periodic bending, pushing, stretching and reaching

## **Working Conditions**

Working conditions are normal for a manufacturing environment. Work involves frequent lifting of materials up to 50 pounds. Machinery and tool operation requires the use of safety equipment to include but not limited to; eye safety glasses, hearing protectors, and steel-toe boots. Loose fitting clothes should not be worn.

## **Requirements**

High School Diploma or GED is required. Candidate must also pass background check and drug screening tests, plus have their own tools and work clothes.

## **How to Apply**

To apply for this position, please attend one of our informational sessions, held every day at 9:00 a.m. (Monday through Friday) at the One-Stop Business & Employment/American Job Center, 3000 W De Young St, Suite 800-B, Marion, Illinois 62959.

If you are unable to attend an informational session, please submit a cover letter and resume (if you have one) to [jobs@mantracon.org](mailto:jobs@mantracon.org). Include "CNC Programmer/Operator (DK-040815-03)" in the subject line.

**Man-Tra-Con Corporation is a partner of the American Job/  
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