**Job Title:** CNC Machinist

**Department:**  Machine Shop

**Reports to:**  Manufacturing Supervisor

**Supervisory Responsibility:**  No

**FLSA Status:**  Non-Exempt

**Physical Demands:** Level III

**Job Summary:** Produce machined parts by using Manual and/or automated (CNC) lathes to fill work orders while maintaining quality and safety standards.

**Essential Duties and Responsibilities:**

* Machine parts to specifications using machine tools such as manual or CNC lathes, milling machines, prototrak mill, or grinders
* Operate hand lathe, mill, drill press and punch press
* Read and interpret blueprints, shop drawings, and specifications in order to select and program the proper speeds, feeds, for various metals, and operating conditions
* Select the appropriate tools, machines, and materials to be used
* Lay out, measure, and mark workpiece in order to display placement of cuts
* Position workpiece on the drill press, lathe, or milling machine
* Monitor the feed and speed of machines and accuracy of cuts during the machining process
* Ensure workpiece is properly lubricated to regulate temperature
* Observe and listen to operating machines or equipment in order to diagnose machine malfunctions and to determine need for adjustments or repairs
* Write basic programs and modify programs in response to problems for CNC machines
* Supervise the CNC machines while they execute tasks and make any necessary adjustments to produce a better result
* Measure, examine, and test completed units in order to detect defects and ensure conformance to specifications, using precision instruments such as micrometers
* Responsible for keeping equipment and work area clean and performing basic preventative maintenance functions on equipment
* Work in accordance with all safety procedures and policies, and wear all PPE as needed
* Assist other manufacturing departments as directed by Management when necessary
* Adhere to all company policies, procedures and business ethics codes
* Maintain regular and prompt attendance
* Perform other duties as assigned

**Required Skills**

* Basic mechanical knowledge
* Ability to multitask in a fast-paced environment
* Understand conversational programming
* Must be able to use a tape measure, calipers, micrometers, and understand radius gauges
* Understand and interpret blueprints, specifications, and operating instructions
* Committed to quality, safety and continuous improvement

**Preferred Skills**

* 2 years of high-volume production/manufacturing experience
* Mazak experience
* GibbsCAM experience
* Ability to read conversational programming

**Educational/Certification/License Requirements**

* High School Diploma or equivalent

**Level III Physical Demands**

Following are descriptions of five terms on which physical demands are expressed:

**Seldom: not at all to once per work day.**

**Occasionally: up to 1/3 of the work day.**

**Frequently: up to 2/3 of the work day.**

**Constantly: 2/3 or more of the work day.**

**WNL: Within Normal Limits**

* **Stand**: CONSTANTLY - standing and sitting as necessary to complete task performed.
* **Walk**: FREQUENLY between work stations or to obtain parts and supplies.
* **Sit**: SELDOM to OCCASIONALY
* **Lift**: May lift smaller items on a FREQUENT to CONSTANT basis throughout the day. May OCCASIONALLY to FREQUENTLY lift and carry up to 50 pounds for short distances. May lift and carry up to 50 pounds on an OCCASIONAL basis.
* **Carry**: May OCCASIONALLY to FREQUENTLY lift and carry up to 50 pounds for short distances. May lift and carry up to 50 pounds on an OCCASIONAL basis.
* **Push/Pull:** CONSTANTLY
* **Controls**: CONSTANTLY. Controls include office equipment, and keyboards.
* **Climb**: The worker may be required to use a flight of stairs or a step stool on a CONSTANT basis.
* **Balance**: Within normal limits.
* **Bend/Stoop**: FREQUENTLY at waist level if retrieving a dropped item. The worker may slightly bend at the neck level on and CONSTANTLY to FREQUENT basis while working on computer.
* **Crouch**: FREQUENTLY
* **Twist**: May OCCASIONALLY be required at neck or waist levels to accomplish various tasks from either a seated or standing position. Can be regulated by use of proper body mechanics and positioning. In addition, the worker will CONSTANTLY twist at the wrists when working on keyboard.
* **Knee/Crawl**: Not a required physical demand of this position.
* **Handle/Grasp**: FREQUENTLY
* **Fine Manipulation/Fingering**: Not a required physical demand of this position
* **Reach: Floor to Waist Level:** FREQUENTLY to retrieve items located below waist level. Waist to Shoulder Level: FREQUENT with minimal extension to retrieve supplies from workstation. Shoulder Level to Overhead: SELDOM to OCCASIONAL, may be performed with either hand.
* **Vision**: Normal to corrected vision is required.
* **Talk/Hear:** The worker should have the ability to communicate effectively with co‐workers.

Please note this job description is not designed to cover or contain a comprehensive listing of activities, duties or responsibilities that are required of the employee for this job. Duties, responsibilities and activities may change at any time with or without notice.

***Barn Light Electric is an equal employment opportunity employer.***

**Acknowledgement**

I have received, reviewed, and fully understand the above job description. I attest that I am capable of fulfilling the satisfactory execution of the essential duties and physical demands described herein, under any and all conditions as described.

Employee Name\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Employee Signature\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_Date\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_