FOUNDRY
a division of Star® Pipe Products

JOB DESCRIPTION	
Job Title: CNC MACHINIST	
Employment Status: Full Time	***FLSA Status:*** Non-Exempt OT Eligible
Department: Machining	***Position Reports To:*** Machine Shop Supervisor
Pay Grade: Non-Exempt 3	

A **CNC Machinist** is responsible for operating and programming CNC machines to produce precise metal according to engineering specifications. Their job involves both manual skills and technical knowledge, combining machine operation with the use of advanced computer software.

Pay based on experience

Job Responsibilities:

- Set up and calibrate CNC machines (lathes, mills, routers) based on job specifications.
- Load raw materials and install tool attachments or inserts.
- Operate the machine to manufacture parts with high accuracy.
- Modify CNC machine programs to meet specifications.
- Input data (e.g., cutting speeds, feeds, and tool paths) into the machine's computer system.
- Interpret blueprints, technical drawings, and schematics.
- Make necessary adjustments to programs and settings based on machine feedback.
- Inspect finished parts using measuring tools such as calipers, micrometers, and gauges to ensure they meet quality standards.
- Make adjustments to machine settings to correct defects or inaccuracies in the final product.
- Perform routine maintenance and calibration on machines to maintain precision.
- Follow all safety guidelines and procedures to minimize risks and hazards associated with machine operation.
- Maintain clean and organized workspaces to ensure safe working conditions.
- Perform basic machine maintenance, such as lubricating and cleaning the equipment.

Skills and Qualifications:

- **Technical Proficiency:** Knowledge of CNC machinery, tooling, and programming.
- **Attention to Detail:** Ability to read and interpret blueprints, schematics, and technical drawings.
- **Problem-Solving Skills:** Troubleshooting and resolving machine malfunctions or part defects.
- **Physical Dexterity:** Ability to handle machinery, tools, and parts. Must be able to lift 50 lbs.

Educational Requirements:

- High school diploma or equivalent is usually required.
- Prior experience with CNC machines and/or formal training in machining or manufacturing.
- Certifications (optional)**:** CNC Programming, CAD/CAM software, or manufacturing certifications