

# Oakdale Precision, Inc.

<https://oakdaleprecision.com/career/mill-machinist/>

## Mill Machinist

### Description

This is a full-time on-site role for a Mill Machinist at Oakdale Precision, Inc. The Mill Machinist will be responsible for programming, setting up and running out the parts on a vertical mill, producing high-quality parts, and ensuring product quality and performance.

- 1st Shift is from 7AM to 3PM Monday thru Friday
- 2nd shift is from 3PM to 1AM Monday thru Thursday

### Responsibilities

#### Task Inventory

1. Study blueprints and job routers for information on specifications and materials to determine material requirements and operational sequences to set up new jobs.
2. Select proper cutting tools using knowledge of material properties and tool availability.
3. Position, secure, and align tools in tool holders on machines and verify their positions.
4. Program/operate controls to set cutting speeds and depths and feed rates.
5. Inspect sample workpieces to verify conformance with specifications and ensure in-process quality control sampling requirements are met.
6. Monitor processes, materials and operations and if needed, adjust machine controls and change tool settings to keep dimensions within specified tolerances.
7. Clean and prepare parts for finishing and shipping, as indicated on print and/or job router.
8. Meet or exceed job order expectations (set up, cycle time, total hours).
9. Create set up sheets; catalog and store custom tooling and part programs.
10. Update company information on job routers to improve re-order efficiency.
11. Keep equipment and work area clean and orderly and perform preventative maintenance functions on equipment and tools
12. Suggest and implement improvements. Knowledge, Skills, and Abilities for Mill

### Skills

#### Knowledge

- Blueprint reading, geometric dimension and tolerance system
- Mathematics: adding, subtracting, multiplication, division, geometry, algebra, trigonometry
- Machines: designs, uses, capabilities, limitations, and maintenance
- Work holding and/or fixturing: capabilities and limitations
- Measuring devices: micrometers, calipers, comparators, indicators, others
- Material: properties/cutting dynamics, including proper speeds and feeds
- Post work processing and finishing, including effects of post-processing and finishing operations
- Shop operations/systems: material stock and labeling, shipping prep, chip management, waste handling
- Standard operating procedures; safety protocols and practices
- Questions to ask

### Hiring organization

Oakdale Precision, Inc.

### Employment Type

Full-time

### Job Location

7022 North 6th Street, 55128, Oakdale, MN

### Working Hours

1st Shift is from 7AM to 3PM  
Monday thru Friday  
2nd shift is from 3PM to 1AM  
Monday thru Thursday

### Date posted

June 3, 2026

## **Technology and Technical Skills**

- Calculate dimensions or tolerances, including allowances for coatings or plating, when needed
- Use/interpret computer aided manufacturing software (CAM/CAD) and programming language (G-Code)
- Use/interpret CNC controls, Program using Mastercam
- Read/interpret blue prints
- Operate computers and effectively manage files
- Monitor and control operations
- Perform quality control: test and inspect parts using instruments such as micrometers or calipers

## **Critical Thinking Skills**

- Use logic and reasoning to identify strengths/weaknesses of alternative solutions and approaches
- Demonstrate resourcefulness; able to think and work independently
- Use investigative skills to verify facts and information to complete work and solve presenting issues
- Prioritize work and work flow; re-prioritizing as necessary to meet company needs

## **Interpersonal Relationship Skills**

- Respectful of individual styles, differences and priorities
- Accept criticism and deal calmly and effectively with stressful situations
- Collaborate with the larger team; responsive and interactive with diverse types of people
- Use tact and diplomacy in interactions

## **Abilities**

- Utilize three-dimensional thinking/spatial orientation skills to visualize and conceive most efficient and effective process for making parts
- Cross-check actual standard operating procedures against written orders
- Exercise problem sensitivity: anticipate when something is wrong or likely to go wrong
- Focus: concentrate on a task over time with attention to detail and accuracy
- Engage with multiple streams of work simultaneously
- Wear/use common protective and safety equipment
- Stand on shop floor continually or almost continually; perform repetitious movements
- Use hands to handle, control, or inspect objects, tools, or controls
- Demonstrate commitment to the organization and its customers
- Be dependable and reliable
- Take initiative, self-disciplined self-starter, work independently
- Adapt/exercise flexibility when faced with competing demands, unexpected change, delays, etc.

- Persist when faced with challenging tasks or situations
- Manage one's time effectively and professionally
- Continue to learn and develop knowledge and skills
- Demonstrate passion for making high quality parts; take pride in one's work
- Maintain sense of humor

### **Qualifications**

- Experience in operating milling machines
- Proficiency in mill setup and operation
- Knowledge of machining tools, materials, and processes
- Ability to interpret engineering drawings and specifications
- Good problem-solving and troubleshooting skills
- Attention to detail and quality orientation
- Strong interpersonal and communication skills
- Mill programming experience with Mastercam or similar software is a plus

### **Education**

Requires a high school diploma and a relevant two year trade school diploma, and quality, fully involved job shadowing with an expert and/or previous work experience with a broad range of machines, materials, and machining practices, including process development, programming, and machining.

### **Job Benefits**

We offer a very competitive benefits package: Medical , Dental, Vision, 401K, PTO

### **Contacts**

Rob Larson – rob@oakdaleprecision.com

Note: Recruiters and Staffing companies need not respond. Thank you for your understanding.