



# Machinist

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
MACHINIST I	9512	A16	\$40,918 - \$61,130
MACHINIST II	9514	A18	\$45,521 - \$71,055

## GENERAL DESCRIPTION

Performs machinist work involving operating machines and tools in repairing, rebuilding, and constructing mechanical equipment.

## EXAMPLES OF WORK PERFORMED

Manufactures and repairs various parts and equipment.

Sets up, adjusts, and operates basic machine tools.

Calculates dimensions for manufactured parts and equipment.

Selects the appropriate tools, machines, and materials.

Constructs jigs for use in machine parts.

Performs related work as assigned.

## DESCRIPTION OF LEVELS

*Examples of work and descriptions are meant to progress through the levels. For example, an employee at level II may also perform work listed within the previous level.*

**Note:** Factors that may distinguish between levels include the degree of independence in performing the work, the complexity of the work, and the employee's related work experience. Employees at the journey level (level I) may independently perform the full range of work identified and may assist others in performing work of greater complexity. Senior-level employees (level II) may serve as a lead worker providing direction to others.

**MACHINIST I:** Performs moderately complex (journey-level) machinist work. Works under general supervision, with moderate latitude for the use of initiative and independent judgment.

**MACHINIST II:** Performs highly complex (senior-level) machinist work. Works under limited supervision, with moderate latitude for the use of initiative and independent judgment.

Employees at this level may:

- Design and build special equipment.
- Design jigs for use in machine parts.
- Set up, adjust, and operate specialized machine tools.

- Set controls to regulate machine tools.
- Measure, examine, and test completed parts and instruments to detect defects and ensure conformance to specifications.
- Operate welding equipment.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in operating machine shop equipment. Graduation from a standard senior high school or equivalent is generally preferred. Experience and education may be substituted for one another.

### **KNOWLEDGE, SKILLS, AND ABILITIES**

#### **For all levels**

- Knowledge of machine shop methods and materials used to manufacture and repair mechanical equipment.
- Ability to work from blueprints and drawings, to communicate effectively, and to provide guidance to others.

#### **Additional for Machinist II level**

- Skill in designing and manufacturing special equipment.
- Ability to interpret blueprints and drawings and to serve as a lead worker providing direction to others.