



## Equipment Maintenance Technician

CLASS TITLE	CLASS CODE	SALARY GROUP	SALARY RANGE
EQUIPMENT MAINTENANCE TECHNICIAN I	9733	A15	\$38,976 - \$58,045
EQUIPMENT MAINTENANCE TECHNICIAN II	9734	A17	\$42,976 - \$64,469
EQUIPMENT MAINTENANCE TECHNICIAN III	9735	A19	\$48,244 - \$76,028

### GENERAL DESCRIPTION

Performs mechanical and electronic equipment repair and troubleshooting work involving maintaining, installing, and modifying various types of machines, and providing consultative and technical services.

### EXAMPLES OF WORK PERFORMED

Inspects, tests, and reviews equipment and instruments for quality control and preventive maintenance and updates documentation.

Performs safety tests of equipment.

Installs, tests, and determines operating parameters for laboratory equipment.

Documents work performed on equipment.

Informs customers about status of equipment repairs and maintenance.

Diagnoses machine malfunctions and makes repairs.

Services and repairs various machines, including advanced products.

Prepares, submits, and maintains records of work orders and parts issued.

Rebuilds replaceable service units.

Performs related work as assigned.

### DESCRIPTION OF LEVELS

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

Factors that may distinguish between levels include the degree of independence in performing the work, the complexity of the work, the scope of responsibility, the types of equipment maintained, and the employee's related work experience, education, and certifications. Employees at the journey level may independently perform the full range of work identified and

*may assist others performing work of greater complexity. A senior level employee (levels II and III) may perform the full range of work identified in the preceding levels, may serve as a lead worker, and/or may coordinate or oversee that work for others.*

**EQUIPMENT MAINTENANCE TECHNICIAN I:** Performs complex (journey-level) mechanical and electronic equipment repair and troubleshooting work. Works under general supervision, with limited latitude for the use of initiative and independent judgment.

**EQUIPMENT MAINTENANCE TECHNICIAN II:** Performs advanced (senior-level) mechanical and electronic equipment repair and troubleshooting work. Works under limited supervision, with moderate latitude for the use of initiative and independent judgment. Employees at this level may:

- Investigate complaints, document findings, and conduct quality assurance reviews.
- Perform inventory control of parts and tools.
- Order parts, materials, and equipment.
- Install engineering modifications and updates to equipment.
- Help develop policies and procedures for quality control and preventative maintenance programs.

**EQUIPMENT MAINTENANCE TECHNICIAN III (Added 9-1-2023):** Performs highly advanced (senior-level) mechanical and electronic equipment repair and troubleshooting work. Works under minimal supervision, with extensive latitude for the use of initiative and independent judgment. Employees at this level may:

- Oversee the installation, replacement, and maintenance of machinery and equipment.
- Develop plans and specifications for maintenance projects.
- Estimate time and materials required for projects.
- Plan long-range equipment maintenance programs.

## **GENERAL QUALIFICATION GUIDELINES**

### **EXPERIENCE AND EDUCATION**

Experience in servicing and repairing various types of machines and equipment. Graduation from an accredited two-year college or technical school with major coursework in electronic technology or a related field is generally preferred. Experience and education may be substituted for one another.

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

- Knowledge of safety procedures and potential hazards, servicing procedures and repair techniques, and various types of equipment and their applications.
- Skill in the use of tools and in the assembly, operation, and repair of various machines and systems.

- Ability to understand and follow instructions of a technical nature, to analyze equipment and resolve problems, to communicate effectively, and to provide equipment maintenance guidance to others.

**Additional for Equipment Maintenance Technician III level**

- Knowledge of tools and equipment used in performing electromechanical equipment and component repair, symbols used in engineering drawing, circuit diagrams or schematics, and complex electrical systems.

**REGISTRATION, CERTIFICATION, OR LICENSURE**

May require a valid driver's license.