



Electronics Technician II

Salary Group: A17

Class Code: 9062

| <u>CLASS TITLE</u> | <u>CLASS CODE</u> | <u>SALARY GROUP</u> | <u>SALARY RANGE</u> |
|----------------------------------|-------------------|---------------------|----------------------------|
| ELECTRONICS TECHNICIAN I | 9060 | A15 | \$32,976 - \$52,045 |
| ELECTRONICS TECHNICIAN II | 9062 | A17 | \$36,976 - \$58,399 |
| ELECTRONICS TECHNICIAN III | 9064 | A19 | \$42,244 - \$68,960 |

GENERAL DESCRIPTION

Performs advanced (senior-level) electronics technical support work. Work involves designing, installing, diagnosing, maintaining, and repairing electronics; and performing maintenance and calibrations on electronic instruments. Works under limited supervision, with moderate latitude for the use of initiative and independent judgment.

EXAMPLES OF WORK PERFORMED

Designs and develops complex electrical and electronic components, equipment, and systems.

Builds and tests electronic prototypes to specifications.

Constructs or calibrates specialized electronic equipment.

Prepares instructional materials and aids, and provides training in electronic repair techniques.

Records diagnostic and repair activities on electronics.

Installs, maintains, and inspects electronics, such as communications, computers, or instrumentation control equipment.

Performs diagnostic tests on electronic components to determine functioning level and capacity.

Diagnoses and repairs defective parts or components; and tests components and instrument function to verify, calibrate, and certify the reliability of measurements.

Performs related work as assigned.

GENERAL QUALIFICATION GUIDELINES

EXPERIENCE AND EDUCATION

Experience in installing, diagnosing, repairing, and maintaining electronic equipment. Graduation from a two-year college with major coursework in electronic technology or graduation from an accredited vocational or technical school of electronics is generally preferred. Experience and education may be substituted for one another.

KNOWLEDGE, SKILLS, AND ABILITIES

Knowledge of electronics and electronic test equipment and tools, of procedures for troubleshooting and maintaining electronic instruments, and of electronic safety precautions and procedures.

Skill in the use of test equipment and tools to make repairs, and in reading gauges and indicators to ensure that equipment is functioning properly.

Ability to understand and follow instructions, to understand and interpret electrical and/or signal schematic diagrams and technical reference material, to understand and apply the principles used in electronic equipment, and to communicate effectively.

REGISTRATION, CERTIFICATION, OR LICENSURE

May require certification as an electronics technician.