

Specification for Class of

ELECTRONIC TECHNICIAN 1

**Abolished 9/15/06**

Definition: Works under the direction of higher level Electronic Technicians in the operation, modification, troubleshooting, adjustment, testing, repair, and other installation of electronic air monitoring systems and devices or other scientific monitoring and measuring equipment.

Typical Work

Assists upper level technicians in installation, operation, and routine servicing of instrumentation or electronic systems;

Assists higher level technicians in shop or field testing, adjusting, troubleshooting, and repairing (replaces integrated circuits, transistors, capacitors, resistors, etc.), electronic systems, equipment, and devices;

Assists higher level technicians in construction, design, and modification of electronic instrumentation;

Operates hand tools, power tools, and a variety of electronic test equipment, such as oscilloscopes, multimeters, and signal generators;

Keeps work records;

Performs other specific duties as required.

Knowledge and Abilities

Knowledge of: installation, maintenance, and operation of industrial electronic instrumentation, including elementary principles and practices of electronics, electrical measurements, and mathematics; safety precautions and record keeping.

Ability to: recognize and repair common defects in electronic equipment; read and understand schematic diagrams, operate various hand and power tools, and electronic test equipment.

Minimum Qualifications

ELECTRONIC TECH 1

72730

Graduation from high school or GED equivalent and two years of experience in installation, maintenance, repair, and operation of industrial and scientific electronic instruments.

NOTE: Full-time training in electrical engineering, electronics, physics, chemistry or closely allied field may be substituted, year for year, for a maximum of one year of the required experience.

New class

Effective November 9, 1984