



## Electrical Support Worker

Class Code	FLSA Status	EEO Category	Represented Status	Salary Grade	Effective Date	Resolution	Pages
440	Non-exempt	4 - Technician	IBEW	1	10-28-09	09-032	1 of 1

**DEFINITION:** Under close supervision, removes and replaces electronic components and other electric devices in District revenue vehicles and facilities, and conducts minor semi-skilled repairs involving the simple replacement of components and parts.

**REPORTS TO:** The Electronics Systems Supervisor, or designee.

**REPRESENTATIVE FUNCTIONS include, but are not limited to:**

- Provides semi-skilled assistance to Electronics Technicians, HVAC Technicians, and Electricians in a training capacity.
- Removes defective electronic components such as fare-boxes and communication equipment from revenue vehicles; and installs equivalent new or reconditioned units.
- Replaces electronic components in destination signs, and may install or replace cameras in transit vehicles.
- Removes defective electric devices, electronic components, and parts such as bulbs, fuses, and simple wiring in District facilities; and installs equivalent new or reconditioned items.
- Bends, threads, and installs conduit and wiring under the supervision of District Electricians.
- Uses simple test equipment to diagnose problems with electric and electronic units and parts.
- Performs preventive maintenance on electronic and electric equipment in District vehicles and facilities under the supervision of District Electricians and Electronics Technicians.
- Enters data, and maintains computer and paper records of parts inventory, and work performed.
- Performs related duties as required.

### **MINIMUM QUALIFICATIONS:**

**Knowledge Of:** Principles, practices, and methods used in the installation and testing of electronic components and parts; principles and practices of preventive maintenance; procedures and practices of workplace safety in the shop and in the field; personal computers and currently used programs for spreadsheets and word processing at the basic level of proficiency.

**Ability To:** Install, test, and maintain electronic components and electric parts under supervision; follow safety and regulatory requirements; read, understand, and interpret technical information found in service manuals, service change bulletins, and schematics; skillfully operate electronic test equipment, solder and desolder equipment, power shears, and hand and power tools; follow instructions under supervision, and quickly learn and become proficient in new skills and the use of District computer programs with on-the-job training; use sound judgment; lift, carry, and move equipment, tools, and supplies; climb and use a ladder, and work under varying workplace and climate conditions; communicate effectively both orally and in writing; write legibly; and establish and maintain effective working relationships with those contacted in the course of work using principles of excellent customer service.

**Education/Training:** Equivalent to completion of the twelfth grade.

**Experience:** One (1) year of experience performing basic electrical maintenance and minor repair on vehicles; and/or in a facilities maintenance capacity.

**License Requirement:** Possession of, or ability to obtain and maintain a valid California Class C Driver License, and meet the District's driving standards.

**Physical Requirements:** Must possess the physical condition necessary to: (1) stand, walk, sit, pull, push, balance, kneel, crouch, twist, and reach occasionally or frequently; (2) lift items weighing up to 50 lbs occasionally, and between 50 and 75 lbs rarely; (3) perform tasks occasionally in an office setting operating a personal computer, keyboards, and other peripheral equipment; and (4) maintain mobility in order to travel locally and frequently to various locations within the AC Transit District to perform job functions.