

ELECTRONIC EQUIPMENT INSTALLER

Class Definition

Under supervision, installs and removes electronic communications equipment, computer and telephone cables, and related equipment in City offices and buildings, and vehicles.

Distinguishing Characteristics

Electronic Equipment Installer is a working level class in the Electronics and Communications Division of the General Services Department. An incumbent installs and removes mobile radio sets, telephone and computer cables, and related equipment, and performs minor repairs on electronic equipment. This class is distinguished from the next higher class, Communications Technician I, in that incumbents of the latter perform more complex, technical maintenance and repair tasks on a variety of electronic equipment.

Typical Tasks

(An incumbent may not be assigned all the duties listed, nor do the examples cover all duties which may be assigned.)

Installs two-way radio sets and other electronic equipment in a variety of City owned vehicles.

Mounts control heads, speakers, sirens, microphones, switches and antennas in vehicles by cutting and drilling holes and bolting equipment in place.

Installs and removes mobile computer terminals in City police vehicles.

Installs cable for computer and telephone equipment in City of flees and buildings.

Modifies interiors of police vehicles using a variety of hand and power tools.

Removes radio and electronic equipment from retired or damaged vehicles or for repair work to be performed.

Assists technicians in testing City owned electronic equipment.

Performs minor repairs of speakers, microphones, and related equipment.

Performs related duties as required

Knowledge, Abilities, and Skills

Knowledge of safety techniques involved in mounting and wiring equipment.

Ability to work without direct supervision in awkward and confined spaces.

Ability to design and fabricate mounting brackets; and measure sheet metal surfaces.

Ability to remove motor vehicle head liner, floorboard, dash, doorframe and carpeting and reinstall without damaging or disfiguring fixtures

Skill in the use of common hand and power tools.

Minimum Qualifications

Six months of experience in the installation of radio transmission and receiving equipment, automotive electrical work or similar work which required mechanical aptitude and knowledge of electrical wiring.

Necessary Special Requirements

Possession of a valid California Driver*s License at time of appointment.

APPROVED: _____

Director of Administrative Services

DATE: _____

MR/CW/po/07/23/87

5256C: 148C