

ELECTRONIC EQUIPMENT INSTALLER

DEFINITION

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

SUPERVISION RECEIVED/EXERCISED

Receives supervision from a Manager or designee. Exercises no supervision.

DISTINGUISHING CHARACTERISTICS

An Electronic Equipment Installer 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.

EXAMPLES OF IMPORTANT AND ESSENTIAL DUTIES

May include, but are not limited to, the following:

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

JOB RELATED ESSENTIAL QUALIFICATIONS

Knowledge of:

Safety techniques involved in mounting and wiring equipment.

Skill/Ability to:

Work without direct supervision in awkward and confined spaces.

Design and fabricate mounting brackets; and measure sheet metal surfaces.

Remove motor vehicle headliner, floorboard, dash, doorframe and carpeting and reinstall without damaging or disfiguring fixtures

Use common hand and power tools.

MINIMUM QUALIFICATIONS

Education:

Possession of a High School Diploma or equivalent GED completion.

Experience:

Six (6) 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.

SPECIAL REQUIREMENT(S):

Possession of a valid California Class C Driver's License is required at time of application and continued maintenance throughout the entire term of employment in this classification.

PHYSICAL DEMANDS

The physical demands described here are representative of those that are necessary to safely, effectively, and efficiently perform the essential functions of this job with or without reasonable accommodation.

This classification's physical demands involve medium work exerting up to 50 pounds of force occasionally, and/or up to 30 pounds of force frequently, and/or up to 10 pounds of force constantly to move objects. Additionally, the following physical demands may be required: crouching, feeling, manual dexterity, grasping, handling, hearing, kneeling, lifting, mental acuity, reaching, speaking, standing, talking, visual acuity, walking.

APPROVED: Signature on File
Director of Personnel Services

DATE: 10/20/2025

MR/CW/po/07/23/87
5256C: I48C
Revised: EVG/C&C: 10/20/2025