

Communications Technician

Definition:

Under direction, assembles, installs, maintains and performs minor repairs on radio/electronic, microwave and various communications systems and related equipment utilized by the Communications division of the County of Kern General Services. Functions may be performed in various indoor/outdoor locations, including during various weather conditions and/or in confined spaces.

This is the entry level of the Communications Technician classification. Incumbents are expected to learn to perform all essential functions of the classification including tasks requiring refined skills and broad knowledge and abilities in the communications field. Promotion to Senior Communications Technician is considered on a merit basis and is subject to recommendation by the department head and approval of Human Resources.

Essential Functions:

- Installs, removes and makes minor repairs to radios and related equipment in vehicles; installs, tests, and makes minor repairs to hand-held, mobile, VHF/UHF transmitters and receivers; installs mountain top repeater equipment and portable repeaters which may be located on communications towers or poles.
- Designs and fabricates mounts for equipment installed in vehicles and on communication towers; operates power hand tools and other equipment including saw, drill, grinder, drill press, arc welder and torch.
- Installs, and makes minor repairs to various communication systems including alarm systems, recording devices, audio and video systems, sirens, closed circuit TV and public address systems.
- Assists emergency service and public safety personnel during emergencies by operating and maintaining mobile communications equipment, 4 wheel drives vehicles and snow cat.
- Maintains and repairs emergency power equipment: battery chargers, auxiliary generators and light plants.
- May climb towers, poles and other structures to install, reconfigure and repair radio or microwave antenna and cable equipment.
- Available on a rotational basis for after hours and weekend call-outs for system related problems.
- Operates electronic test equipment.
- Installs, troubleshoots, maintains and repairs wiring for voice and data networks, alarm

systems and audio/video systems, including fiber optic cable and other communications equipment.

- Assists in racking and mounting fixed radio equipment.
- Assists in maintaining, adjusting and making minor repairs to microwave systems.
- Performs other job-related duties as required.

Employment Standards:

One year experience in the installation and maintenance of electronic and mobile communications equipment.

OR

Possession of a certificate in electronic technology, or equivalent, from an accredited two (2) year college.

Certificates/Licenses Required:

Possession of a valid California Class C Drivers' License is required at the time of appointment.

Incumbents may be required to obtain Climber/Rescuer certification within six months of appointment. Failure to obtain or maintain the required certification may result in termination.

Knowledge of: Basic tools, principles and procedures employed in fabricating, installing, maintaining, testing, repairing and operating radio, microwave and other communications equipment.

Ability to: Use various power tools and equipment to construct, install, and maintain communications equipment; work at considerable heights and in adverse weather conditions.

Supplemental:

A background check may be conducted for this classification.

All Kern County employees are designated "Disaster Service Workers" through state and local laws (CA Government Code Sec. 3100-3109 and Ordinance Code Title 2-Administration, Ch. 2.66 Emergency Services.) As Disaster Service Workers, all County employees are expected to remain at work, or to report for work as soon as practicable following a significant emergency or disaster.