

MAINTENANCE MECHANIC (RADIO COMMUNICATIONS)

GENERAL STATEMENT OF DUTIES: Installs, maintains, and repairs a radio-telephone communication system; does related work as required.

DISTINGUISHING FEATURES OF THE CLASS: A position in this class requires the incumbent to perform skilled mechanical work in connection with the operation of a municipal radio communication system and the maintenance of a record of all transmitter frequency checks as required by the F.C.C. Supervision is not a responsibility of the position.

EXAMPLES OF WORK: (Illustrative Only)

Installs and repairs two-way digital and analog radio mobile units in the vehicles of municipal departments and agencies;

Installs and repairs main stations and remote control units;

Installs and repairs KDK computers and/or video equipment in emergency vehicles;

Installs and repairs sirens, light bars, radar units and cameras in emergency vehicles and police cars;

Maintains records of transmitter frequency checks as required by the Federal Communication Commission;

Repairs electronic traffic light controllers and electronic street light photo-controllers both in shop and in the field;

Maintains executive intercommunication systems;

Maintains telephone telecommunication systems;

Maintains CCTV equipment for public safety;

Maintains and repairs other electronic communication and testing equipment, as required (tabulating and related equipment excepted).

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Thorough knowledge of tools, processes, terminology and techniques involved in the installation, repair and maintenance of a radio communications system; good ability to perform installation, repair and maintenance work on such system with a high degree of skill; good knowledge of the regulations of the F.C.C. as they pertain to Public Safety Radio Service; ability to do mathematical computations in connection with frequency changes and voltage capacity; mechanical ability; ability to read and interpret radio electronic schematic diagrams; ability to understand and carry out oral and written instructions; tact; dependability; resourcefulness; good hearing; mental alertness; physical condition commensurate with the duties of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Three (3) years of work experience where the primary function of the position involved the installation, maintenance and repair of radio-telephone equipment.

NOTE: The successful completion of a full-time acceptable course in the radio communications system may be substituted for the above experience on a month for month basis.