

RADIO ENGINEER 2

KIND OF WORK

Radio communications system design and supervision of system installation or supervision of radio maintenance section.

NATURE AND PURPOSE

An employee in this class has primary responsibility for the design, implementation or direction of maintenance of a statewide radio communications system for various departments. Work is reviewed through consultations, review of reports, field trips and results obtained with decisions in technical matters the responsibility of this employee. Supervision may be exercised over Radio Engineer I's and Radio Maintenance Supervisors.

EXAMPLES OF WORK (A position may not include all the work examples given, nor does the list include all that may be assigned.)

Supervises and reviews the designs and proposals for the installation and maintenance of statewide radio communication systems.

Supervises the operation and maintenance of radio systems to ensure compliance with department regulations and F.C.C. regulations.

Designs radio communication systems.

Prepares license applications and renewal applications for the Federal Communications Commission. Coordinates activities with Federal Communications Commission as required.

Designs specialized radio and other related equipment.

Prepares reports and maintains record of operations.

Directs radio maintenance section and supervises Radio Engineer 1's and Radio Maintenance Supervisors.

Travels statewide as required to perform duties.

KNOWLEDGE, SKILLS AND ABILITIES REQUIRED

Knowledge of:

Electronic theory and principles as applied to radio communication systems.

The design, installation, maintenance and operation of radio communications systems and related electronic equipment.

F.C.C. Regulations as applied to radio communications systems.

Ability to:

Analyze, modify and improve radio communication system design and equipment.

Plan and supervise the work of others.

NECESSARY SPECIAL QUALIFICATIONS

Possession of a first-class federal radio-telephone license.

Est.: 12/21/42
Rev.: 7/10/62, 6/09/78

T.C.: 10/23/57
Former Title(s): Radio Engineer