

RADIOLOGICAL INSTRUMENT SPECIALIST

NATURE OF WORK

An employee in this class inspects and maintains radiological instruments used in a local civil defense program and demonstrates the use of such instruments to civil defense volunteers and staff members. Work is performed under the general supervision of the Director, Assistant Director, or Training Officer, Civil Defense Agency.

ILLUSTRATIVE EXAMPLES OF WORK

Inspects, tests and repairs radiological instruments such as dosimeters, dosimeter chargers, and geiger counters.
Serves as advisor to the civil defense staff on matters related to radiological instrumentation.
Secures instructors and schedules classes for training in the use of radiological instruments.
Maintains stock of frequently needed spare parts.
Performs related duties as required.

KNOWLEDGES, SKILLS, AND ABILITIES

Extensive knowledge of circuits and basic electronics principles.
Knowledge of basic mathematics and physical science.
Ability to read and interpret schematics and circuit diagrams.
Ability to establish and maintain effective working relationships with others and to exercise good judgment in appraising situations and making decisions.

ACCEPTABLE TRAINING AND EXPERIENCE

Two years of experience in servicing and maintaining electronic equipment such as radio and television transmitting sets, public address systems, recording systems and military electronic equipment.
Completion of high school.
(Additional training in a college, technical institute, vocational trade school, or military service school including study in electronic c, mathematics, physical science or related subjects may be substituted for a maximum of one year of the required experience.)

PREPARED BY
NORTH CAROLINA STATE PERSONNEL DEPARTMENT

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