DISTINGUISHING FEATURES OF THE CLASS

This is highly skilled technical work involving responsibility for the installation, maintenance, testing and repair of various types of audio visual electronic equipment. Work is performed under general supervision of an administrative superior and in accordance with programs and policies as outlined by the supervisor.

The employee has complete responsibility for the planning and implementation of these programs and projects. Supervision may be exercised over a small number of semi–skilled or apprentice personnel. Does related work as required.

TYPICAL WORK ACTIVITIES

Installs, maintains, modifies and repairs electrical and audio–visual electronic component equipment and associated circuits, including audio equipment, closed circuit television, public address systems, tape recorders, projection equipment intercoms, etc.

Installs and tests public address systems, intercom units and master antenna systems. Checks electronic equipment schematics to locate defective components or circuits.

Uses electronic testing equipment such as an oscilloscope, signal generator marker generator, frequency counter and multimeter in the performance of repair work. Repairs or replaces tubes, transistors, circuits or mechanical components as needed.

Establishes priorities as to repairs and schedules the work routine for maximum use of time and equipment.

Keeps records of all repairs and preventative maintenance performed on all pieces of equipment.

Orders parts and keeps an inventory record.

May supervise others in the repair of electronic equipment.

FULL PERFORMANCE KNOWLEDGES, SKILLS, ABILITIES AND PERSONAL CHARACTERISTICS
Thorough knowledge of the principles and practices of electronic technology as applied to trouble shooting procedures and preventative maintenance.

Thorough knowledge of electronic circuitry including transistorized and integrated circuits.

Good knowledge of all types of audio−visual electronic equipment including television sets and cameras, color and black and white video tape recorders, audio tape recorders (cassette, reel and 8 track), 16 and 8 mm projectors, slide projectors, radios (AM and FM), stereo amplifiers etc.

Good knowledge of all types of electronic test equipment and its proper application.

Ability to read and interpret circuit diagrams.

Ability to design or modify simple circuits.

Ability to isolate electronic malfunctions quickly and accurately.

Ability to follow written and oral instructions.

Ability to supervise others employees.

MINIMUM QUALIFICATIONS

Promotion:

Two (2) years of permanent competitive class status in the title of Audio Visual Repair Worker.

Open Competitive:

A. Graduation from a regionally accredited college or university or one accredited by the New York State Board of Regents to grant degrees with an associates degree in electronic technology and two (2) years of work experience, or its part time equivalent, in the installation and maintenance of audio visual equipment; or,

B. Four (4) years of work experience, or its part time equivalent, in the installation and maintenance of audio visual electronic equipment; or,

C. An equivalent combination of training and experience as described by the limits of (A) and (B).

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