

The Maryland-National Capital Park and Planning Commission

TITLE: Senior Electrician
SERIES: Building Trades

GRADE: T04 CODE: 5122
DATE: 3/28/02
FLSA: Non-Exempt

Class Definition

Under general supervision, performs the full range of difficult, skilled electrical work involving considerable responsibility, complexity, and variety. Performs and directs installation, renovation, maintenance, and repair of electrical systems in Commission buildings, structures, and property. May direct activities of Electricians, Trades Trainees, and Park/General Maintenance Workers who support skilled trades workers. Work is checked by Trade Shop Supervisors, Lead Electricians, and Inspectors. Performs other related duties as assigned.

Examples of Important Duties:

1. Plans work. Receives work orders for electrical projects. Reads and interprets blueprints, building plans, sketches, and schematic drawings to determine equipment, materials, and methods. Inspects electrical systems at Commission buildings, structures, and property to detect problems and ensure compliance with electrical code. Recommends corrective action and prepares estimates.
2. Uses a variety of manual and power tools and test equipment to perform and direct installation and major renovation work, and maintenance and repair of all types of electrical systems, devices, and equipment. Troubleshoots distribution circuits, generating, and controlling equipment by using appropriate testing devices to locate malfunctions and make repairs.
3. Maintains inventory and assigns power equipment, tools, safety equipment, and vehicles to crew.
4. Completes required administrative paperwork and record keeping.
5. Drives motor vehicles to carry workers and haul tools, equipment, materials, and supplies. Loads and unloads truck of tools, equipment, supplies, and materials. Sets up equipment and tools for safe operation at work site. Provides routine maintenance of vehicles and equipment. Takes vehicles to garage for maintenance and repairs.
6. Assigns and checks work of other Electricians, Trades Trainees, and Park/General Maintenance Workers who support skilled trades workers. Assists with training on proper procedures, trade methods, and safety.

Important Worker Characteristics:

Considerable knowledge of: (1) standard electrical practices and methods; (2) OSHA, MOSH, fire and building codes; (3) Commission policies and procedures;* (4) confined space procedures; and (5) hazardous materials.

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Page 2 of 2

Important Worker Characteristics (Cont=d):

Skill in operation of: (1) electrical hand and power tools; (2) construction equipment (e.g., backhoe, trencher, etc.);* (3) bucket truck; (4) motor vehicles; and (5) appropriate office equipment.

Ability to: (1) understand and apply principles to solve practical problems; (2) calculate fractions, decimals, and percentages; (3) read and understand manuals, blueprints, sketches and drawings; (4) complete work orders and other work related paperwork; (5) distinguish different colors; (6) lift up to 100 pounds; (7) acquire CPR and first aid certification;* and (8) work at heights.

*Developed primarily after employment.

Minimum Qualifications:

1. H.S. Diploma or GED; and
2. Completion of an approved apprentice program in electrical work or four years of progressively responsible electrical experience; and
3. Two years of experience at the journey level; or
4. An equivalent combination of education and experience totaling six years.
5. Journey Electrician's license issued by appropriate local jurisdiction.
6. Valid driver=s license.
7. Valid Commercial Driver's License (CDL) with appropriate endorsements may be required.
8. Pass Commission medical examination.

Working Conditions

Indoor/outdoor. Exposure to varied weather conditions, confined spaces, heights, electrical shock, dirt, dust, and fumes. Must be available to work during emergencies.