

The Maryland-National Capital Park and Planning Commission

TITLE: Electrician  
SERIES: Building Trades

GRADE: T03 CODE: 5120  
DATE: 3/28/02  
FLSA: Non-Exempt

Class Definition

Under general supervision, performs skilled electrical work involving moderate responsibility, complexity, and variety. Works on simple projects or assists on major projects to install, maintain, and repair electrical systems in Commission buildings, structures, and property. May direct activities of Trades Trainees and Park/General Maintenance Workers who support skilled trades workers. Work is checked by Inspectors, Trade Shop Supervisors, Lead, and Senior Electricians. Performs other related duties as assigned.

Examples of Important Duties:

1. Receives work orders for electrical projects. Reads and interprets building plans, blueprints, wiring diagrams, and schematic drawings to perform routine electrical work.
2. Uses a variety of tools and instruments to work on simple projects, or assist on major projects. Performs preventive maintenance and repairs on tools, equipment, and electrical aspects of HVACR, plumbing, lighting, and communications systems.
3. Troubleshoots electrical circuits and equipment by using appropriate testing devices to locate malfunctions and make repairs. Locates and marks buried electrical lines using various tracing devices.
4. Operates bucket truck and trencher to dig trenches, set poles, run electrical cables, and install lights.
5. Completes required administrative paperwork and recordkeeping.
6. Drives motor vehicles to carry workers and haul tools, equipment, materials, and supplies to job site. Loads and unloads trucks of tools, equipment, supplies, and materials. Sets up tools and equipment for safe operation at work sites. Provides routine maintenance of vehicles and equipment. Takes assigned vehicles to garage for maintenance and repairs.
7. May guide and check work of Trades Trainees and Park/General Maintenance Workers who support skilled trades workers. Provides instruction on proper procedures and safety.

Important Worker Characteristics:

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.

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

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### Examples of Important Duties: (Cont=d)

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; or
3. An equivalent combination of education and experience.
4. Journey Electrician=s license issued by appropriate local jurisdiction.
5. Valid driver=s license.
6. Valid Commercial Driver's License (CDL) with appropriate endorsements may be required.
7. Pass Commission medical examination.

### Working Conditions

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