

**C - X
THE SKILLED CRAFTSMAN
AND OPERATIVE SERVICE [038]**

CODE NO. 91717

ELECTRICIAN

General Statement of Duties and Responsibilities

Under direction, works as an electrician on the installation, repair and maintenance of high or low tension electrical systems for light, heat, power and communications in or on buildings, structures and highways; may serve as a special electrician, making applications and obtaining permits and approvals required by rule, regulation and/or statute; prepares reports and maintains records; performs related work.

Examples of Typical Tasks

Installs, repairs, replaces and maintains electric wiring systems and components, equipment and apparatus in or on buildings or structures in accordance with the New York City Electrical Code, pertinent plans, specifications and job orders.

Installs, repairs, replaces and maintains electric wiring and equipment, traffic signals and controllers.

Installs conduits, raceways and electrical conductors.

Conducts tests on existing installations to determine faults and makes necessary repairs.

Keeps job and other records.

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ELECTRICIAN (continued)

Examples of Typical Tasks (continued)

In the temporary absence of the supervisor, may perform the duties of that position.

Supervises assigned personnel.

May drive motor vehicles.

When assigned as a special electrician, obtains permits for electrical work to be performed; conducts and/or witnesses tests on electrical wiring systems, equipment and/or appliances; prepares applications, reports, notices and other documents; prepares required sketches, drawings and layouts.

Qualification Requirements

1. Five years of full-time satisfactory experience as an electrician; or
2. At least three years of full-time satisfactory experience as an electrician and sufficient full-time satisfactory experience as an electrician's helper or apprentice electrician or education in the electrical or electronic field acquired in an approved trade, technical school or vocational high school or college or university to make up the equivalent of the remaining experience. Undergraduate college credit can be substituted for experience on the basis of 30 credits, from an accredited college or university, for one year of experience. Six months of acceptable experience will be credited for each year of such helper or apprentice experience, or education in an approved trade or technical school or vocational high school in the electrical or electronic field. Less than a full year of helper or apprentice experience, or relevant education, will receive prorated credit.

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ELECTRICIAN (continued)

License Requirements

For appointment to certain positions, candidates will be required to possess a Motor Vehicle Driver License valid in the State of New York. This license must be maintained for the duration of employment.

For assignment as a special electrician, candidates must possess and maintain the license(s) and/or certificate(s) required to perform these duties.

Direct Lines of Promotion

From: Electrician's Helper
 (91722)

To: Supervisor Electrician
 (91769)