

INSPECTOR (ELECTRICAL)

General Statement of Duties and Responsibilities

Under general supervision, performs technical work in the inspection of electrical installations, repairs or alterations for conformance to codes, standards, plans or specifications; performs related work.

Examples of Typical Tasks

Inspects electrical installations in connection with light, heat or power for buildings, parks, playgrounds, stores, bridges, docks, piers, or other structures, in the process of construction or repair, in order to ensure compliance with the New York building and electrical codes.

Approve plans and specifications.

Makes periodic inspections of electrical wiring in combustible occupancies and places of public assembly.

Inspects scenes of fires and accidents to determine whether the fire or accident was caused by electrical defect, or whether violations of NYC Construction Codes, Electrical Code, Department rules, and other pertinent laws and rules are present.

Investigates complaints of defective electrical installations which are reported as fire, shock or other hazard and issues verbal or written instructions for correction.

Studies technical drawings of electrical installations and devices to obtain details for inspections.

Explains, interprets and enforces electrical standards, and relevant laws and rules; issues violations, summonses, and stop work orders.

Verifies licenses of onsite workers.

Testifies, including at Environmental Control Board (ECB), depositions, and in court.

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Examples of Typical Tasks (continued)

Prepares reports of inspections during the course of construction and at the completion of work; makes special reports as directed.

May assign, supervise, review and evaluate work of subordinates; may train Apprentice Inspectors (Electrical) in their duties.

May operate a motor vehicle in the performance of assigned duties.

Qualification Requirements

1. Five years of full-time satisfactory experience as an electrician, designer, or inspector of electrical installations, light, heat and/or power distribution, traffic signals, fire alarm detection or communication systems; or
2. Three years of experience as described in "1" above, and one of the following:
 - (a) 60 credits towards a degree in electrical engineering or electrical engineering technology from an accredited college or university; or
 - (b) Two years of full-time training in an acceptable electrical program in an accredited technical school; or
3. Completion of an apprentice program, at least three years in length, in the electrical trade or electrical inspection and either (a) two years of experience as described in "1" above or (b) 60 credits or two years of education as described in "2" above; or
4. A license as a professional engineer or registered architect issued pursuant to the New York State Education Law; or
5. Education and/or experience which is equivalent to "1," "2," or "3" above.

INSPECTOR (ELECTRICAL) (continued)

License Requirements

1. At the time of appointment, you must possess a motor vehicle driver license valid in the State of New York. If you have moving violations, license suspension(s) or an accident record, you may be disqualified. This license must be maintained for the duration of your employment.
2. For certain assignments, candidates must qualify for appointment as Special Patrolman. This status must be maintained for the duration of the assignment.

Direct Lines of Promotion

From: None

To: Associate Inspector (Electrical) (31643)