

ASSISTANT ELECTRICAL ENGINEER

General Statement of Duties and Responsibilities

Under supervision, performs electrical engineering work of moderate difficulty and responsibility; may supervise subordinate employees, performs related work.

Examples of Typical Tasks

Prepares designs, plans, contract and working drawings, contract specifications and other technical specifications, and estimates of quantities.

Participates in, and may supervise, major inspection operations by observing, checking and certifying the installation of electrical and electronic materials and equipment, and by attesting to the performance and the results of tests of materials and equipment in a laboratory, manufacturer's plant or on a job site.

Participates in, and may supervise, the inspection of the construction or alteration of electrical installations for compliance with permits, codes and the provisions of law, rule or regulations.

Participates in, and may supervise, the operation and maintenance of public works and the preparation of recommendations for alterations or repairs relating to electrical work.

May supervise a small squad, unit or group engaged in the performance of design, construction supervision, inspection and testing, or drafting and tracing work.

Engages in research, investigations and studies related to the engineering functions of a department or agency.

Qualification Requirements

1. A baccalaureate degree in electrical engineering from an accredited college and two years of full-time paid experience in electrical engineering work; or
2. High school graduation or evidence of having passed an examination for a high school equivalency diploma plus six years of full-time paid experience as described in (1.) above; or
3. A valid New York State Professional Engineer's License and two years of full-time paid experience as described in (1.) above; or
4. A satisfactory equivalent.

Direct Lines of Promotion

Matures From

Electrical Engineering Trainee  
(20301)

Promotes To

Electrical Engineer (20315)  
(Possession of a valid New York State Professional Engineer's License is required for Promotion to Electrical Engineer.)

ASSISTANT ELECTRICAL ENGINEER (CONT'D.)

Direct Lines of Promotion - (Cont'd.)

Promotes From

*Junior Electrical Engineer (20306)	Electrical Engineer (20315) (Possession of a valid New York State Professional Engineer's License is required for Promotion to Electrical Engineer.)
*Electrical Engineering Draftsman (20305)	

\*For present incumbents only.