

ENGINEERING TECHNICIAN (ELECTRICAL)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, an incumbent of this position works as a general field assistant performing basic electrical engineering work related to wiring, designing, planning and computations pertaining to the electrical phases of work. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Assists in original drawings of layouts, wiring diagrams and other routine assignments;

Gathers information for making estimates and progress reports;

Assists in inspections of buildings for adequacy of wiring and transformers;

Performs routine drafting in the electrical field;

Assists in inspection of electrical work of contractor for conformance with plans and reviewing specifications.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Good knowledge of the principles, practices, operations and techniques of electrical technology including the National Electrical Code; familiarity with electrical machinery and electrical facilities; ability to make simple sketches and plans; ability to follow oral and written instructions; ability to read wiring diagrams; ability to get along with other people; accuracy; reliability; good judgment; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: A High School or equivalency diploma and either: (a) completion of a two year course in electrical technology at a recognized post high school*, trade or technical school; or (b) two years of electrical technology experience; or (c) a satisfactory equivalent combination of training and experience as defined by the limits of (a) and (b).

*SPECIAL NOTE: Education beyond the secondary must be from an institution accredited or recognized by the Board of Regents of the New York State Education Department as a post-secondary, degree-granting institution.