

ENGINEERING TECHNICIAN (SURVEY)

DISTINGUISHING FEATURES OF THE CLASS: Under supervision, an incumbent of this class works as a general field assistant, usually as rodman or chainman in a survey party, but may occasionally be called upon to work inside doing simple computations or elementary drafting. Supervision is not a responsibility of this position. Does related work as required.

EXAMPLES OF WORK: (Illustrative Only)

Runs the rod;

Chains distances;

Sets reflectors for electronic instruments;

Reads target on level rod;

Sets up, takes down and on occasion operates surveying apparatus;

Carries instruments;

Takes field notes;

Drives stakes;

Makes simple computations on earthwork sheets;

Does simple routine drafting and tracing in the office;

Makes simple engineering computations;

May act as inspector on construction work.

REQUIRED KNOWLEDGE, SKILLS, ABILITIES AND ATTRIBUTES: Knowledge of surveying practice and theory; knowledge of the modern methods and equipment used in surveying; ability to make simple sketches, maps, plans and engineering computations; ability to follow complex oral and/or written instructions; ability to get along with other people; accuracy; reliability; physical condition commensurate with the demands of the position.

MINIMUM ACCEPTABLE TRAINING AND EXPERIENCE: Either: (a) completion of a two year course in construction, electrical or mechanical technology at a recognized post high school*, trade or technical school; or (b) a high school or equivalency diploma and two years of experience in general construction work or highway maintenance work, one year of which shall have been in survey work; or (c) six years of experience in general construction work or highway maintenance work, one year of which shall have been in survey work; or (d) a satisfactory equivalent combination of training and experience.

*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.

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J. C.: Competitive
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1

Job Class Code: C0464
Job Group: VI