

New York State Department of Civil Service
DIVISION OF CLASSIFICATION & COMPENSATION

Tentative Classification Standard

Occ. Code 4027501

Environmental Engineering Technician 1, Grade 8	4027501
Environmental Engineering Technician 2, Grade 13	4027502
Environmental Engineering Technician 3, Grade 16	4027503

Brief Description of Class Series

Environmental Engineering Technicians assist environmental engineers and scientists in preventing, controlling, and eliminating environmental hazards. They primarily inspect, test, decontaminate, and operate equipment used to control and remediate environmental pollution, including waste treatment and site remediation. Technicians also conduct pollution surveys, collect and analyze samples, maintain electronic files, and review technical documents. They work in laboratories testing samples, recording data and test results, and ordering materials and lab equipment.

These positions are primarily classified at the Department of Environmental Conservation.

Distinguishing Characteristics

Environmental Engineering Technician 1: entry level; performs routine tasks under the direct supervision of higher-level technicians, engineers, or other higher level professional or scientific staff.

Environmental Engineering Technician 2: full performance level; performs technical tasks under the direct supervision of an Environmental Engineering Technician 3, Environmental Engineers, or other higher level professional or scientific staff in support of a specific program area.

Environmental Engineering Technician 3: functions as a working supervisor of a team or crew of lower-level technicians; performs responsible technical engineering work that requires some knowledge of engineering theory and/or environmental science.

Illustrative Duties

Environmental Engineering Technician 1

Assists in the review of technical documents for completeness and conformance to requirements.

Prepares routine correspondence and reports.

Maintains and manipulates electronic and hard copy program files.

Participates in environmental monitoring surveys and field surveys.

Takes measurements using field survey and measurement equipment and collects and records data and information.

Conducts tests on site, using simple testing and measurement equipment.

Samples and analyzes various environmental media in support of Department programs.

Tabulates data and prepares plans, charts, graphs, and sketches depicting information obtained.

Assists in the installation, operation, and maintenance of electronic and other equipment used to monitor environmental contaminants.

Environmental Engineering Technician 2

Conducts environmental monitoring surveys, sampling, and analysis of various environmental media in support of Department programs.

Installs, operates, and maintains electronic and other equipment used to monitor environmental contaminants.

Prepares plans, charts, graphs, and sketches depicting information obtained.

Prepares and reviews routine correspondence, estimates, contracts, and reports.

Develops and manipulates electronic program files to ensure data is effectively maintained and easily retrieved.

Assists in the cleanup of petroleum and hazardous chemical spills.

Assists in the inspection of facilities and serves as a resource for regulated community.

Prepares technical evaluations and summaries.

Assists in the investigation of complaints and the preparation of case reports on violations for legal actions.

Coordinates and presents outreach programs and activities.

Environmental Engineering Technician 3

Trains and supervises subordinate Environmental Engineering Technicians and administrative support staff.

Schedules and assigns staff and reviews work for accuracy, completeness, and compliance with procedures, guidelines, and commonly accepted environmental engineering principles.

Responds to hazardous waste and chemical spills and uses engineering principals to evaluate spill impacts.

Investigates and determines the source(s) of contamination in order to protect or correct public and private water supplies.

Performs inspections at assigned facilities and serves as a resource for regulated community.

Assists in the design of projects.

Oversees and directs construction contracts to ensure compliance with contract plans and specifications.

Prepares technical evaluations and summaries.

Investigates complaints, assists in the preparation of case reports on violations for legal actions, and provides testimony.

Coordinates and presents outreach programs and activities.

Minimum Qualifications

Environmental Engineering Technician 1

Open-Competitive: four years of experience in engineering technician work in aeronautical, chemical, civil, electrical, environmental, mechanical, or sanitary engineering technology; environmental technology; or as a surveyor or a drafter; or graduation from high school and one year of qualifying experience.

Environmental Engineering Technician 2

Promotion: one year of service as an Environmental Engineering Technician 1.

Open Competitive: five years of experience in engineering technician work in aeronautical, chemical, civil, electrical, environmental, mechanical, or sanitary engineering technology; environmental technology; or as a surveyor or a drafter; or graduation from high school and two years of qualifying experience.

Environmental Engineering Technician 3

Promotion: one year of service as an Environmental Engineering Technician 2.

Open Competitive: six years of experience in engineering technician work in aeronautical, chemical, civil, electrical, environmental, mechanical, or sanitary engineering technology; environmental technology; or as a surveyor or a drafter; or graduation from high school and three years of qualifying experience; or graduation from a high school technical education program in a related field and two years of qualifying experience; or an associate's degree or higher in a related field and one year of qualifying experience.

Note: Classification Standards illustrate the nature, extent, and scope of duties and responsibilities of the classes they describe. Standards cannot and do not include all the work that might be appropriately performed by a class. The minimum qualifications above are those required for appointment at the time the Classification Standard was written. Please contact the Division of Staffing Services for current information on minimum requirements for appointment or examination.

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