

ASSISTANT ENVIRONMENTAL ENGINEER**General Statement of Duties and Responsibilities**

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

Examples of Typical Tasks

Supervises a small squad, unit or group engaged in the performance of environmental and/or fire protection engineering work in design, construction supervision, inspection and testing, or drafting and tracing.

Participates in and may supervise the design, inspection, construction, demolition and/or alteration of premises to insure compliance with contracts, drawings, specifications, codes, resolutions, statutes, rules or regulations relating to environmental and/or fire protection engineering projects and programs.

Engages in research, investigation, or studies related to the environmental and/or fire protection engineering functions or activities of a department or agency.

Conducts environmental and/or fire protection engineering pilot studies, source and area sampling, including collection of samples and other engineering tests on equipment and processes. Makes recommendations based on findings.

Conducts emission inventory, discharge analysis and other environmental and/or fire protection engineering studies. Assists in planning and implementing procedures to collect data to determine the source, nature and extent of contaminants.

ENGINEERING OCCUPATIONAL GROUP [158]

ASSISTANT ENVIRONMENTAL ENGINEER (continued)Examples of Typical Tasks (continued)

Develops, prepares and reviews drawings, maps, plans, sketches; writes specifications and prepares estimates for environmental and/or fire protection engineering projects; checks shop drawings.

Participates in and may supervise the operation and maintenance of public works and in the preparation of recommendations for alterations and repairs.

Participates in inspection operations, installation, or testing operations in a laboratory, manufacturer's plant, or on a job site by observing, checking and certifying materials and equipment to be incorporated in public works, plants or structures.

Assists in evaluating installations to determine the need for operational changes, modifications or additional equipment.

Reviews or examines plans for the construction, demolition or alteration of structures in connection with the issuance of requisite or pertinent permits and compliance with the provisions of law, rule or regulation for environmental engineering projects and programs.

Confers with engineers, architects, and others in matters relating to environmental and/or fire protection engineering.

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

ENGINEERING OCCUPATIONAL GROUP [158]

ASSISTANT ENVIRONMENTAL ENGINEER (continued)

Qualification Requirements

1. A Baccalaureate degree in aeronautical, or materials engineering from an accredited college and one year of full-time satisfactory experience in environmental or fire protection engineering work or;
2. A Baccalaureate degree from an accredited college and a Master's degree in environmental or fire protection engineering from an accredited college.

License Requirement

A Motor Vehicle Driver License valid in the State of New York may be required for some assignments. Employees must maintain this license for the duration of their employment in such assignment.

Direct Lines of Promotion

From: None.

To: # Environmental Engineer
(20618)

Environmental Engineering Intern (20616)

(By maturation pursuant to Rule 5.8.1 of
the personnel Rules and Regulations)

Possession of a valid New York State Professional Engineer License is
required for promotion to Environmental Engineer.