

**ASSISTANT CHEMICAL ENGINEER**

**General Statement of Duties and Responsibilities**

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

**Examples of Typical Tasks**

Supervises a small unit or group engaged in quality determination, or inspection and testing work.

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

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 installations of materials or 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 premises in connection with the enforcement of fire prevention laws and regulations relating to the storage, sale, manufacture, use or transportation of combustibles and other hazardous materials, or to the provision and operating condition of required fire safeguards.

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

ASSISTANT CHEMICAL ENGINEER (continued)

Qualification Requirements

1. A baccalaureate degree from an accredited college in chemical engineering and one year of full-time satisfactory experience in chemical engineering work; or
2. A baccalaureate degree from an accredited college and a Master's degree from an accredited college in chemical engineering.

License Requirements

A Motor Vehicle Driver's License valid in the State of New York may be required for certain assignments. If required, this license must be maintained for duration of appointment.

Direct Lines of Promotion

From: Chemical Engineering Intern (20503)                      To: Chemical Engineer # (20515)

# Possession of a valid New York State Professional Engineer's license is required for promotion to Chemical Engineer.