

## New York State Department of Civil Service

DIVISION OF CLASSIFICATION & COMPENSATION

Classification Standard

**Occ. Code 6130300**

<b>Senior Radiological Health Specialist, Grade 18</b>	<b>6130300</b>
<b>Associate Radiological Health Specialist, Grade 23</b>	<b>6130450</b>
<b>Principal Radiological Health Specialist, Grade 27</b>	<b>6130500</b>

### Brief Description of Class Series

Radiological Health Specialists apply specialized knowledge in radiation protection by regulating the statewide use and possession of radioactive materials and radiation-producing equipment to prevent unnecessary radiation exposure to the public. Incumbents conduct radiological health inspections, and/or review applications for licensure to possess or use radioactive materials and radiation-producing equipment, or radiological technologist licensure; perform environmental monitoring and sampling activities; oversee radiological decontamination and decommissioning, and emergency and incident response activities; and provide related consultation and assistance to local health departments, emergency responders, and other State agencies.

These positions are classified in the Department of Health's Bureau of Environmental Radiation Protection (BERP).

### Distinguishing Characteristics

*Senior Radiological Health Specialist:* full performance level; under the direction of a higher-level Radiological Health Specialist, conducts radiological health inspections of facilities using radioactive materials and radiation-producing equipment in an assigned region of the State; and/or reviews facility applications for licensure to use and possess radioactive materials and radiation-producing equipment, or applications for radiological technologist licensure and registration; responds to radiation emergencies and incidents; and provides radiation protection training to local health departments, emergency responders, and others.

*Associate Radiological Health Specialist:* advanced performance level; serves as a Central Office specialist responsible for a segment of the statewide radiation protection program; and may supervise and coordinate the activities of Senior Radiological Health Specialists assigned to radiological health programs in one or more regions of the State.

*Principal Radiological Health Specialist:* supervisory level; oversees and coordinates the activities of a unit within the BERP; and supervises the activities performed by lower-level Radiological Health Specialists and other unit staff.

## Illustrative Duties

### *Senior Radiological Health Specialist*

Conducts radiological health inspections of facilities using radioactive materials and/or radiation-producing equipment.

- Evaluates users' records, authorized personnel using materials, posting of radiation sources, personnel monitoring, and adequacy of material disposal and shielding; determines facility compliance with the State Sanitary Code requirements; and recommends enforcement action when indicated.
- Provides training and technical assistance on radiation equipment, problems, and emergencies concerning radiological health to local health departments, emergency responders, and others.
- Evaluates facility applications for licensure to possess and use radioactive materials and radiation-producing equipment.
- Evaluates applicants' experience, equipment, and safety procedures; and requests additional information as needed.
- Maintains reports on status of licensure and inspection forms, records of exempt devices, and new radiation-producing equipment installations in the State.
- Assists in the preparation of licensing and other guidance documents, and inspection procedures and forms; and in the selection, procurement, maintenance, and calibration of radiation detection instruments and inspection equipment.

### *Associate Radiological Health Specialist*

Performs the same duties and activities as a Senior Radiological Health Specialist, and trains Senior Radiological Health Specialist on how to conduct inspections of radioactive materials and radiation-producing equipment.

- Investigates radiation incidents and emergencies and recommends appropriate action.
- Provides consultation and assistance to local health departments, emergency responders, and others on the more difficult aspects of radiological health programs and inspections.

- Reviews and approves the licensing recommendations of Senior Radiological Health Specialists, and develops licensing, inspection, and other procedures, manuals, and guidance documents.
- Reviews proposed changes in regulations and recommends program actions to a Principal Radiological Health Specialist.
- Evaluates and develops standards for radiation-producing equipment installations.
- Reviews radiological decontamination and decommissioning plans and documents, and makes recommendations for improvement to ensure the health and protection of workers and the public.
- Reviews and approves applications for variances and exemptions from regulations regarding radiation-producing equipment.

*Principal Radiological Health Specialist*

Performs the same duties and activities as an Associate Radiological Health Specialist, and directs radioactive materials licensing and radiation-producing equipment registration programs.

- Coordinates the review of radioactive material applications with other State agencies.
- Directs various unit-specific activities, which may include laboratory testing, developing protocols, risk assessment, or providing technical expertise.
- Maintains liaison with the Medical Advisory Committee on the human use of isotopes, and coordinates by-product, source, and special nuclear material program activities with the United States Nuclear Regulatory Commission.
- Develops standards and regulations for the storage, packaging, transport, use, and handling of radioactive materials, and provides consultative services to local health departments regarding such.
- Develops reports and attends meetings to educate the public about radiation protection.
- Establishes priorities for inspections of radioactive material licensees and/or radiation-producing equipment installations, and assigns inspections to staff.
- Supervises lower level Radiological Health Specialists and other unit staff; determines staff assignments and reassignments; approves leave and tracks time and attendance, and evaluates subordinate staff performance.

## Minimum Qualifications

### *Senior Radiological Health Specialist*

Open Competitive: bachelor's degree in health physics, engineering, or in a physical or natural science, and two years of experience in radiation protection or control, including experience in handling radioactive isotopes or radiation-producing equipment.

### *Associate Radiological Health Specialist*

Promotion: one year of service as a Senior Radiological Health Specialist.

Open Competitive: bachelor's degree in health physics, engineering, or in a physical or natural science, and three years of experience in radiation protection or control, including experience in handling radioactive isotopes or radiation-producing equipment.

### *Principal Radiological Health Specialist*

Promotion: one year of service as an Associate Radiological Health Specialist.

**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 of the work that might be appropriately performed by a class. The minimum qualifications above are those which were required for appointment at the time the Classification Standard was written. Please contact the Division of Staffing Services for current information on minimum qualification requirements for appointment or examination.

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