

CLASSIFICATION: HEALTH PHYSICIST II

Class Code: 5016-25

Date Established: 03-26-92

Occupational Code: 7-6-4

Date of Last Revision: 7-17-15

Exempt Status: Exempt

BASIC PURPOSE: To analyze and evaluate work procedures in supervising the development and application of effective regulation measures for all sources of radiation.

CHARACTERISTIC DUTIES AND RESPONSIBILITIES:

- Supervises the investigation of potential and detected radiation hazards.
- Confers with and advises subordinates on the application and interpretation of state radiation laws and rules and recommends measures for the prevention and control of hazardous radiation conditions.
- Develops program policy related to effective radiation regulation measures, including the setting of priorities and goals.
- Supervises the development of specialized computer programs to provide uniform reporting methods in radiation control.
- Reviews technical reports and provides technical advice, interpretation and accident assessment capability in radiological incidents to fulfill the state's responsibility to protect public health.
- Confers with other state agencies, other states and the federal government to coordinate radiation protection policies.
- Approves applications for licenses, including ensuring adequate training and evaluation of applicants.
- Reviews new testing equipment and makes preliminary recommendations for changes in state statutes concerning radiation control.

DISTINGUISHING FACTORS:

Skill: Requires skill in analyzing and interpreting data, policy and procedures OR in using equipment in order to arrive at logical conclusions or recommendations.

Knowledge: Requires logical or scientific understanding to analyze problems of a specialized or professional nature in a particular field.

Impact: Requires responsibility for achieving direct service objectives by assessing agency service needs and making preliminary recommendations for the development of alternative short-term program policies or procedures. Errors at this level result in incomplete assessments or misleading recommendations causing a disruption of agency programs or policies.

Supervision: Requires direct supervision of other employees doing work which is related or similar to the supervisor, including scheduling work, recommending leave, reviewing work for accuracy, performance appraisal, or interviewing applicants for position vacancies.

Working Conditions: Requires performing regular job functions in an environment which includes exposure to continuous physical elements or a number of disagreeable working conditions with frequent exposure to minor injuries or health hazards.

Physical Demands: Requires light work, including continuous walking or operating simple equipment for extended periods of time as well as occasional strenuous activities such as reaching or bending.

Communication: Requires reviewing summaries and reports and making management level decisions to solve problems or to achieve work objectives as well as articulating and expressing those solutions and goals. This level also requires formal presentations of solutions and goals to employees and the general public to increase the responsiveness of the agency toward the demands of its client system.

Complexity: Requires evaluating a combination of wide-ranging job functions to determine work procedures, to solve problems, and to reach conclusions by applying analytical, technical, or scientific thinking. This level also requires planning policies and long-term strategies, drawing conclusions based on available criteria, and evaluating the effectiveness of program objectives.

Independent Action: Requires administrative decision-making in authorizing and monitoring the implementation of major departmental policies and procedures.

MINIMUM QUALIFICATIONS:

Education: Bachelor's degree from a recognized college or university with major study in radiological health, radiological science, health physics, industrial hygiene, chemistry, physics, engineering or biological science. Each additional year of approved formal education may be substituted for one year of required work experience.

Experience: Six years' experience in a field such as radiological health, radiological science or health physics, four years of which shall have been in administrative capacity in a radiation regulatory program. Certification by the American Board of Health Physics may be substituted for two years of required work experience.

License/Certification: Must be eligible to hold a New Hampshire driver's license and/or have access to transportation for use in statewide travel.

SPECIAL REQUIREMENTS:

1. Satisfactory completion of the five-week government-sponsored course in health physics or other specialized training programs as required by federal agencies.
2. Must be willing to travel for extended periods of time.

RECOMMENDED WORK TRAITS: Thorough knowledge of health physics and radiation protection principles. Thorough knowledge of the principles of radioactive material licensing and inspection, medical uses of radioisotopes, use of radioactive material in industrial radiography, radiological accident assessment and radiological emergency planning and operation. Considerable knowledge of the principles of engineering, chemistry or physics. Considerable knowledge of the general principles of diagnostic and therapeutic radiology. Ability to train and supervise subordinate Health Physicists. Ability to calculate solutions to mathematical problems involving trigonometric and logarithmic functions. Ability to develop methods for controlling radiation health hazards. Ability to communicate effectively both orally and in writing. Ability to prepare technical investigative reports. Ability to establish and maintain effective working relationships with subordinates, hospital and laboratory personnel and the general public. Must be willing to maintain appearance appropriate to assigned duties and responsibilities as determined by the agency appointing authority.

DISCLAIMER STATEMENT: This class specification is descriptive of general duties and is not intended to list every specific function of this class title.