



## HEALTH PHYSICIST SENIOR

### Characteristics of Work

This is advanced radiological health work involving inspection and survey of facilities using radioactive materials and x-ray devices to ensure compliance with state and federal regulations regarding accepted levels of radiation usage. Duties include assisting in develop and implement radiation control programs; under the auspices of and administrative reviewing reports received from Health Physicist staff regarding accidents involving sources of radiation and inspection and survey findings; evaluating safety programs of facilities using radioactive materials; reviewing staff's recommendations regarding applications for issuance of registration/license to use radioactive materials and x-ray devices and making recommendations to administrative superiors and federal officials; developing and revising agency policies and procedures regarding radiation usage and control; conferring with state and federal officials regarding radiation usage and control; and reviewing and evaluating subordinates' work activities. Supervision is received from an administrative superior and is exercised over lower-level Health Physicists.

### Examples of Work

**Examples of work performed in this classification include, but are not limited to, the following:**

Assists in developing and implementing statewide radiation control programs to ensure the public's safety against over-exposure to radiation.

Reviews reports regarding accidents involving sources of radiation and inspection and survey facilities using radioactive materials and confers with administrative superiors regarding the findings.

Develops staff reports regarding safety programs of facilities using sources of radiation and confers with state and federal officials concerning the contents.

Conducts studies involving radiation control or use and prepares technical reports.

Assists in developing and revising agency policies regarding radiation use and control and confers with administrative superiors concerning the revisions.

Reviews and evaluates the work activities of subordinate personnel.

Performs related or similar duties as required or assigned.

### Essential Functions

**Additional essential functions may be identified and included by the hiring agency. The essential functions include, but are not limited to, the following:**

1. Inspects and analyzes public and private Mississippi facilities and makes recommendations to state and federal offices to ensure safe radiation levels in health and/or industrial facilities.
2. Participates in the training and supervision of subordinate personnel.

## Essential Competencies

The following underlying competencies are linked to the essential functions of the job. Employees in this position may be evaluated on these competencies as part of the performance appraisal system. Specific behaviors may be identified and included later by the hiring agency. Failure of an employee to successfully demonstrate some or all of these competencies, as deemed important by his or her reporting official, may result in the employee being placed on a performance improvement plan. If after a reasonable period of time, usually three (3) months, the employee fails to demonstrate successful performance, the employee may be terminated. These competencies include, but are not limited to, the following:

### General Public Sector Competencies

**Integrity and Honesty:** Models and demonstrates high standards of integrity, trust, openness and respect for others. Demonstrates a sense of responsibility and commitment to the public trust through statements and actions. Demonstrates integrity by honoring commitments and promises. Demonstrates integrity by maintaining necessary confidentiality.

**Work Ethic:** Conscientiously abides by the rules, regulations and procedures governing work. Exhibits a strong work ethic by being productive, diligent, conscientious, timely, and loyal.

**Service Orientation:** Seeks to understand and meets and/or exceeds the needs and expectations of customers. Treats customers with respect, responding to requests in a professional manner, even in difficult circumstances. Provides accurate and timely service. Develops positive relationships with customers. Demonstrates a commitment to quality public service through statements and actions.

**Accountability:** Is productive and carries fair share of the workload. Accepts responsibility for actions and results. Focuses on quality and expends the necessary time and effort to achieve goals. Demonstrates loyalty to the job and the agency and is a good steward of state assets. Steadfastly persists in overcoming obstacles and pushes self for results. Maintains necessary attention to detail to achieve high level performance. Deals effectively with pressure and recovers quickly from setbacks. Takes ownership of tasks, performance standards and mistakes. Has knowledge of how to perform one's job. Knows the organization's mission and functions and how it fits into state government.

**Self Management Skills:** Encourages and facilitates cooperation, pride, trust, and group identity; fosters commitment and team spirit; works effectively and cooperatively with others to achieve goals. Maintains a positive attitude. Effectively manages emotions and impulses. Treats all people with respect, courtesy, and consideration. Communicates effectively. Remains open to new ideas and approaches. Avoids conflicts of interest. Promotes cooperation and teamwork.

**Interpersonal Skills:** Shows understanding, courtesy, tact, empathy and concern; develops and maintains relationships. Demonstrates cross cultural sensitivity and understanding. Identifies and seeks to solve problems and prevent or resolve conflict situations. Encourages others through positive reinforcement.

**Communication Skills:** Receives, attends to, interprets, and responds to verbal messages and other cues such as body language in ways that are appropriate to listeners and situations. Expresses information to individuals or groups effectively, taking into account the audience and nature of the information; listens to others, attends to nonverbal cues, and responds appropriately. May make oral presentations. Communicates ideas, suggestions and concerns as well as outcomes and progress throughout the process of an activity. Provides thorough and accurate information.

**Self-Development:** Seeks efficient learning techniques to acquire and apply new knowledge and skills; uses training, feedback, or other opportunities for self-learning and development. Develops and enhances skills to adapt to changing organizational needs. Remains open to change and new information and ideas; adapts behavior or work methods in response to new information, changing conditions, or unexpected obstacles.

### Technical Competencies

**Radiological knowledge:** Has the knowledge of applicable state and federal laws, rules, and regulations of radiation.

**Radiological safety:** Has knowledge of the general principles of radiation and radiological safety.

**Equipment operation:** Has knowledge of the operation and maintenance of detection equipment.

**Decision making:** Ability to make technically correct decisions.

**Professional maturity:** Responds appropriately to supervision. Makes an effort to follow policy and cooperate with supervisors. Aligns behavior with the needs, priorities and goals of the organization.

### Minimum Qualifications

These minimum qualifications have been agreed upon by Subject Matter Experts (SMEs) in this job class and are based upon a job analysis and the essential functions. However, if a candidate believes he/she is qualified for the job although he/she does not have the minimum qualifications set forth below, he/she may request special consideration through substitution of related education and experience, demonstrating the ability to perform the essential functions of the position. Any request to substitute related education or experience for minimum qualifications must be addressed to the State Personnel Board in writing, identifying the related education and experience which demonstrates the candidate's ability to perform all essential functions of the position.

**Physical Requirements:** These physical requirements are not exhaustive, and additional job related physical requirements may be added to these by individual agencies on an as needed basis. Corrective devices may be used to meet physical requirements. These are typical requirements; however, reasonable accommodations may be possible.

**Moderate Work:** May frequently exert force equivalent to lifting up to approximately 25 pounds and/or occasionally exert force equivalent to lifting up to approximately 50 pounds.

**Vision:** Requires the ability to perceive the nature of objects by the eye.

**Near Acuity:** Clarity of vision at 20 inches or less.

**Midrange:** Clarity of vision at distances of more than 20 inches and less than 20 feet.

**Far Acuity:** Clarity of vision at 20 feet or more.

**Field of Vision:** Ability to observe an area up or down, left or right while eyes are fixed on a given point.

**Depth Perception:** Three-dimensional vision. Ability to judge distance and space relationships so as to see objects where and as they actually are.

**Accommodation:** Ability to adjust focus.

**Color Vision:** Ability to identify colors.

**Speaking/Hearing:** Ability to give and receive information through speaking and listening skills.

**Motor Coordination:**

While performing the duties of this job, the incumbent is regularly required use hands to finger, handle or feel objects, tools or controls; and reach with hands and arms. The incumbent is frequently required to sit; to stand and walk. The incumbent is occasionally required to climb or balance; and stoop, kneel, crouch, or bend.

**Experience/Educational Requirements:**

**Education:**

A Master's Degree from an accredited four-year college or university in physics, chemistry, mathematics, or a closely related physical or natural science;

**AND**

**Experience:**

Two (2) years of experience in work related to the above-described duties;

**OR**

**Education:**

A Bachelor's degree from an accredited four-year college or university in physics, chemistry, mathematics, or a closely related natural or physical science;

**AND**

**Experience:**

Three (3) years of experience in work related to the above-described duties.

**Interview Requirements**

Any candidate who is called to an agency for an interview must notify the interviewing agency in writing of any reasonable accommodation needed prior to the date of the interview.