

IOWA DEPARTMENT OF ADMINISTRATIVE SERVICES ▼
HUMAN RESOURCES ENTERPRISE
HEALTH PHYSICIST 1

DEFINITION

Performs trainee to journey level professional work in radiological and environmental health protection; inspects licensed and registered radiological facilities; collects data and samples relating to radiological and environmental health; conducts studies and surveys independently, and prepares reports; performs related work as assigned.

The Work Examples and Competencies listed are for illustrative purposes only and not intended to be the primary basis for position classification decisions.

WORK EXAMPLES

Conducts inspections, surveys, and studies; prepares technical reports and recommendations of findings.
Serves as an advisor and consultant for selected radiological problems.
Prepares and distributes education material concerning the program assigned.
Collects and analyzes contaminants encountered in the environment.
Operates and maintains technical equipment and detection instruments.
Analyzes samples obtained during inspections for hazardous properties.
Gives radiological health and educational presentations.
Researches and reviews environmental documentation.
Files legal actions and testifies in legal proceedings as required.

COMPETENCIES REQUIRED

Knowledge of applicable local, state and federal laws, rules and regulations of radiation, radiation and environmental engineering and engineering/physics of radiochemical and biological analysis.
Knowledge of radiological safety.
Knowledge of the operation and maintenance of detection equipment.
Ability to make technically correct decisions.
Ability to physically move or climb to access areas to be inspected.
Displays high standards of ethical conduct. Refrains from dishonest behavior.
Works and communicates with all clients and customers providing quality professional service.
Displays a high level of initiative, effort, attention to detail and commitment by completing assignments efficiently with minimal supervision.
Follows policy, cooperates with supervisors and aligns behavior with the goals of the organization.
Fosters and facilitates cooperation, pride, trust, and group identity and team spirit throughout the organization.
Exchanges information with individuals or groups effectively by listening and responding appropriately.

EDUCATION, EXPERIENCE, AND SPECIAL REQUIREMENTS

Graduation from an accredited college or university with a Bachelor's Degree in physics, nuclear engineering, nuclear physics, health physics, or another of the physical sciences;

OR

Successful completion of the U. S. Navy Nuclear Program.

NOTE:

1. Must satisfactorily complete government sponsored core courses in health physics or other specialized training programs as required by federal agencies within the time frame specified by management.
2. Travel is required for positions in this class. Employees must be willing to travel for extended periods of time and must arrange transportation to and from assigned work areas. Work may involve exposure to excessive heat, cold, hazardous substances, construction sites, and unfavorable conditions. May be required to respond to emergencies. May be on 24-hour call.

Effective Date 10/11 BR