

JOB TITLE: HEALTH PHYSICS SPECIALIST
JOB LOCATION: NASA's KENNEDY SPACE CENTER, FL
JOB TYPE: REGULAR, FULL TIME
JOB CLASSIFICATION: NON-EXEMPT
WHERE TO APPLY: imssfl.com

Duties/Responsibilities:

This individual will report directly to the Health Physics Manager. The Health Physics Specialist (HPS) plays a key role in program development and implementation of procedures and processes for the Radiation Protection Programs at the Kennedy Space Center (KSC), Cape Canaveral Air Force Station (CCAFS) and Patrick Air Force Base (PAFB). The HPS integrates regulatory requirements and best practices with results from field observations into programmatic actions. The HPS must ensure that radiation exposure to staff members, members of the public and the environment are As Low As Reasonably Achievable (ALARA).

Principal duties include but are not limited to:

- Assisting the Health Physics Manager in ensuring compliance with Federal, State, and local regulations by implementing and administering various aspect of the Radiation Protection Program.
- Performing periodic Health Physics surveys for ionizing and non-ionizing radiation after internal training/qualifications have been completed.
- Instruct and guide radiation workers who are required to perform radiological contamination surveys. Advise on posting, documenting, proper labeling, decontamination, resurveys, exceptions and close-out surveys.
- Performing radiological safety and use request evaluations, assessments, and reporting. This includes RF and laser hazard assessments and calculations.
- Ensure compliance with sealed sources and unsealed radioactive material, including inventory, leak testing, storage, handling, and disposal.
- Ensure compliance with machine producing radiation equipment, including state registrations if applicable, and shielding verification surveys.
- Create, update and perform radiation safety initial and periodic training to primary radiation workers and ancillary staff. Ensure that all radiation workers have the appropriate level of radiation safety training to safely perform their job. Verify all radiation workers have taken refresher training during audits.
- Performs and documents Health Physics survey and laboratory instrumentation checks and calibrations.
- Responsible for the development, implementation, and day-to-day operations, including administrative duties required to fulfill program or contractual requirements related to designated area of specialty, including record keeping, inventory maintenance, supply requisition, database maintenance and similar duties as assigned.

- Facilitate the dosimetry program by ensuring radiation badge application criteria is being met and that handling, distribution and receiving of badge are done according to established procedures. This includes interpreting radiation exposure data and ALARA review for all monitored employees. Provide radiation dose assessments during a radiation incident. Assist with ALARA investigations.
- Prepare, pickup, transport, radiation sources, and perform radioactive waste management including decay in storage.
- Performs or assists with any departmental operations, as required or directed to maintain workflow.
- Maintains government vehicles according to procedures.
- Respond to incidents and emergency situations within area of expertise/qualifications and work within standard operating procedures or as directed to protect and preserve the health and safety of persons in the area, and to reduce the exposure and impact.
- Maintains work area in a clean and orderly condition. Ensures safe operating conditions within area of responsibility. Performs other related duties as assigned.
- Perform any range of program related launch support activities.
- Demands of work assignments require some physical exertion such as climbing, walking, stooping, as well as, other more specific, but common, characteristics such as use of personal protective equipment. Use of personal protective equipment to include air purifying respirator is required.

QUALIFICATIONS:

Education / Training:

High School diploma and a minimum of five years of health physics experience or equivalent is required. A Bachelor of Science degree, and NRRPT or equivalent is preferred. Previous experience in program development and implementation of procedures and processes for Radiation Safety Program. Experience establishing radiation safety standards to ensure the health and safety of personnel who work with or who may be exposed to radiation either as a radiation worker or general public.

Position Requirements:

Must possess a valid driver's license and be eligible for a secret clearance.

Knowledge / Skills / Abilities:

Preferred knowledge and experience with applicable regulations and standards to include; the Nuclear Regulatory Commission, State of Florida 64E-5 Administrative Code, Department of Transportation, ANSI Z136.1, and IEEE C95.1.

Requires the ability to operate and maintain various types of equipment, record/download data, and effectively communicate verbally and in writing where information includes scientific terminology.

Excellent organizational skills and the ability to communicate clearly and effectively are required. Must be familiar with Microsoft Office Programs.

Must be able to work in confined/enclosed spaces and areas, wear fully enclosed protective suits and must be able to work at heights for an extended period of time.

Working Conditions:

Must thrive in a team atmosphere and effectively work with all levels of employees. General office environment may require minor lifting, up to forty-five (45) pounds, and bending. Demands of work assignments may require some physical exertion such as climbing, walking, stooping, working at heights and in small spaces as well as other more specific, but common, characteristics such as use of personal protective equipment.

Complies with all Company health and safety policies and site-specific health and safety procedures. Participates in and supports the KEMCON safety program. Ensures safe operating conditions within area of responsibility. Identifies potential hazards, concerns, and safety incidents and reports to supervisory personnel.

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