

TITLE: <u>Assistant Radiation Safety Officer</u>	SALARY SCHEDULE: <u>Staff</u>	CLASS CODE: <u>PE508</u>
UNION: <u>P&A, Local 1979, UAW</u>	SALARY GRADE: <u>13</u>	EEO CODE: <u>30</u>
	FLSA: <u>Exempt</u>	E-CLASS: <u>PE</u>

POSITION PURPOSE

Monitor and survey the use of radioactive materials to ensure established agency regulations and safety standards are adhered to in teaching and research laboratories at the University. Serve as team leader to perform survey operations and advanced technical procedures utilizing specialized equipment.

ESSENTIAL JOB FUNCTIONS

- Perform audits on sealed sources & X-ray machines based on the NRC and Increased Control regulations.
- Operate Irradiators for researchers for use and perform leak tests and interlock checks.
- Perform radioactive waste analysis. Evaluate air monitor levels in waste storage and perform sample analysis of waste disposal.
- Perform monthly quality control tests on Liquid Scintillation Counters.
- Maintain up-to-date knowledge of State and Federal Regulations pertinent to radiation safety.
- Perform laboratory audits to ensure safety in radiation use laboratories.
- Operate survey meters and liquid Scintillation Counters in order to evaluate radioactive contamination.
- Serve as a member of the campus emergency response program and related committees.
- Respond to any type of radiation spill/emergency issues.
- Respond to routine questions and concerns pertaining to radiation safety. Forward report of problems to the appropriate personnel.
- Investigate loss sources, misuse of materials, violations of policy and provide required information to appropriate personnel.
- Perform related work as assigned.

THIS DESCRIPTION IS INTENDED TO INDICATE THE KINDS OF TASKS AND LEVELS OF WORK DIFFICULTY THAT WILL BE REQUIRED OF POSITIONS THAT WILL BE GIVEN THIS TITLE AND SHALL NOT BE CONSTRUED AS DECLARING WHAT THE SPECIFIC DUTIES AND RESPONSIBILITIES OF ANY PARTICULAR POSITION SHALL BE. IT IS NOT INTENDED TO LIMIT OR IN ANY WAY MODIFY THE RIGHT OF ANY SUPERVISOR TO ASSIGN, DIRECT AND CONTROL THE WORK OF EMPLOYEES UNDER THEIR SUPERVISION. THE USE OF A PARTICULAR EXPRESSION OR ILLUSTRATION DESCRIBING DUTIES SHALL NOT BE HELD TO EXCLUDE OTHER DUTIES NOT MENTIONED THAT ARE OF SIMILAR KIND OR LEVEL OF DIFFICULTY.

ADDITIONAL COMMENTS

This classification serves as team leader to perform procedural work of advanced nature utilizing specialized technical equipment. Work routines necessitate an understanding of various safety standards and regulations established by federal and State governmental agencies, e.g. Nuclear Regulatory Commission as well as the University. The incumbent may be expected to operate and maintain technical equipment, e.g. liquid scintillation counter, geiger mullier counters, etc. Work activities are performed given the following working condition factors, i.e. extremely light physical effort (occasional lifting), good environmental conditions, moderate controllable hazards (radioactive waste and material) and normal sensory attention. This classification reports to and receives work direction from a management level position.

MINIMUM QUALIFICATIONS

- Graduation from an accredited college or university with a bachelor's degree in physical science, health physics, or an equivalent combination of education and/or experience. Training and experience in radiation technology preferred.
- Some knowledge of complex Federal and State safety regulations and guidelines pertaining to radioactive material and waste handling, storage and disposal.
- Ability to communicate effectively with others.
- Ability to follow oral and/or written instructions.
- Keen attention to detail in order to question and identify problems that should arise.
- Considerable experience in surveying laboratories and handling equipment to detect radiation.
- Possession and maintenance of a valid Michigan vehicle operator's license required.
- Typically, incumbents have held positions such as Health Physics Specialist I or have had experience in the radiation health field.