



ENVIRONMENTAL HEALTH  
AND SAFETY

**LABORATORY BASED TRAINING  
FOR RADIOACTIVE MATERIAL LABORATORIES**

The Nuclear Regulatory Commission requires all Users of radioactive materials and Non-Users frequenting such areas to be trained in specific laboratory procedures **prior** to working in the laboratory. The Licensed Investigator (LI) must complete this form for each User/Non-User trained. **E-mail the completed and signed form to [radiationsafety@uconn.edu](mailto:radiationsafety@uconn.edu).**

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Name of person being trained: \_\_\_\_\_ NET ID: \_\_\_\_\_

User \_\_\_\_ or Non-user \_\_\_\_ of Radioactive Materials:

Licensed Investigator: \_\_\_\_\_

Licensed Investigator Signature: \_\_\_\_\_

Date Training Completed: \_\_\_\_\_

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**REQUIRED TOPICS FOR RADIOACTIVE MATERIAL USERS & NON-USERS (check each item as it is discussed)**

- \_\_\_\_ Security and control of radioactive materials.
- \_\_\_\_ Protective clothing, laboratory apparel, and equipment to be used with/for radioactive materials.
- \_\_\_\_ Emergency procedures concerning spills, releases of materials, and/or accidental contamination of personnel.
- \_\_\_\_ Prohibition of eating, smoking, drinking, application of cosmetics, or pipetting by mouth in areas where radioactive materials are used.
- \_\_\_\_ Requirements for storage, labeling of containers, and identification of areas where radioactive materials are used.

**RADIOACTIVE MATERIAL USERS ONLY (supplemental training)**

- \_\_\_\_ Radionuclides utilized.
- \_\_\_\_ Maximum total quantity permitted in the lab for each isotope.
- \_\_\_\_ Limitations on quantities to be handled per experiment.
- \_\_\_\_ Limitations and conditions relative to handling unsealed radioactive materials and what laboratory equipment to use when working with such material (i.e. fume hood, beta shield, etc.).
- \_\_\_\_ Routine survey and monitoring procedures to be followed for contamination control.
- \_\_\_\_ Decontamination procedures to use and whom to contact in case of an emergency.
- \_\_\_\_ Instructions concerning transfer/movement of radioactive materials between rooms, halls, or corridors.
- \_\_\_\_ Personnel monitoring devices to use (if applicable), where to obtain them, and exchange procedures and exposure results.
- \_\_\_\_ Waste disposal procedures to follow, limitations for disposal of liquid or solid waste, and procedures to follow for waste storage.
- \_\_\_\_ Records to be maintained on the use and disposal of radioactive materials.