

Radiation Safety

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RADIATION SAFETY

The University of Maryland College Park (UMCP) holds a Broad Scope license for use of Radioactive Materials (RAM). University of Maryland Centers of Environmental Science (UMCES) include Appalachian Lab, Chesapeake Biological Lab, and Horn Point Lab. The regulatory requirements of UMCP Broad Scope License for Radioactive Materials governs the use of RAM and radiation producing devices at these laboratories. All personnel using radioactive sources are expected to be familiar with and abide by these requirements. Failure to comply could jeopardize the user's safety and that of others, as well as the authorization to use radioactive materials or radiation producing devices on CES' campuses and areas off campus under UM administrative control. UMCES is subject to periodic audits by the State of Maryland, Department of the Environment, and US Nuclear Regulatory Commission (NRC) to ensure compliance with the requirements of the Radioactive Material License. The Radiation Safety Committee at College Park reviews the Program on an annual basis to ensure effective operation and compliance with both State and Federal regulations.

If you are interested in using any radioactive materials or radiation producing equipment please contact the Environmental Safety Compliance Officer (ESCO). Personnel must apply for and qualify for a "Users License" before using any RAM.

RADIATION SAFETY PROCEDURES:

- Observe signage on lab doors. Labs with radioactive materials (RAM) are "restricted areas". If you are not an approved user of radioactive materials you must read the information posted on the door for "non users of radioactive material" and sign in.
- No food or drink is permitted in labs using radioactive material. Do not discard food wrappers, soda cans, or any food containers in laboratory trash cans.
- If an approved user is not present in the lab, the radioactive material must be properly secured. This means placing in a locked refrigerator or cabinet; or locking the laboratory door to prevent unauthorized entry.
- Always wear the correct personal protective equipment (PPE) when working with RAM.
- Wear the appropriate radiation monitors if required.
- Report ALL spills and accidental contaminations to the Environmental Safety Compliance Officer (ESCO).
- Contact the Environmental Safety Compliance Officer (ESCO) for disposal of all RAM.

For information on [Radiation Producing Materials](#), [Radiation Producing Equipment](#), [Lasers](#), [Training](#), [Manuals](#), [Guidelines](#), and [Policy](#) go to: <http://www.des.umd.edu/rs/index.html>.

For more information and/or suggestions contact the Environmental Safety Compliance Officer (ESCO) at Ext. 8441 or Email hpl-safety@hpl.umces.edu

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