



GOOD LAB PRACTICES



- Wear protective gloves, a lab coat, closed toe shoes, and any other necessary PPE when handling unsealed radioactive materials.
- Monitor hands, shoes, and clothing for contamination at the conclusion of procedures utilizing radioactive materials and before exiting the laboratory.
- Food, drinks, tobacco products, and the application of cosmetics are PROHIBITED in areas where unsealed radioactive materials are used. NEVER store or consume these products in a posted radioactive materials laboratory.
- Wear assigned dosimeter badges at all times in areas posted for radioactive materials use or storage. The devices must be used in accordance with the MSU Radiation Safety Manual and the recommendations of the vendor. Dosimeters must be stored outside of the lab.
- Dispose of radioactive waste in approved containers. All radioactive waste containers must be clearly labeled with radioactive materials signs or tape.
- Never pipette by mouth.
- Label all containers of radioactive materials, contaminated equipment, and contaminated work areas with radioactive materials tape or tags. Indicate the radionuclide(s) present, the activity, and the date the activity was measured.
- Transport radioactive materials in strong, tightly-sealed containers. All liquid sources must be over-packed to prevent leakage. Contact the RSD if you need to transport radioactive materials outside of your laboratory or building.
- All storage containers for radioactive materials must be tightly sealed and leak-proof.



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