

University Policy: Uranium and Thorium compound

Applies to users of grams to a few hundred grams of Uranium and thorium compounds (Acetate and nitrate)

Lab PI and User Roles and Responsibilities:

1. Training: EHS lab safety training (from EEM website) and Uranium user training (from Radiation Safety website)
2. Site Specific training form completed and returned to the radiation safety office
3. Scope of work presented to the radiation safety office detailing how you will
 - complete forms (source inventory AU-1 and waste inventory)
 - properly handle and treat material for disposal
 - ensure general lab safety
 - abide by the applicable requirements (listed below)
 - notify radiation safety or UML police of spills
4. As a user of this material you must operate your use in compliance with the Radiation Safety Manual (applicable sections below).
 - Section 6: Purchase of Radioactive material
 - Section 7: Working with radioactive material
 - Proper storage, inventory, labeling, contamination control and records, etc.
 - Section 8: Disposition of radioactive material
 - NOTE: some wastes if mixed or created improperly can cost thousands of dollars to dispose.
 - Appendix 4: Radiation accident response (contamination, loss or theft, and fume hood failure).
 - Appendix 9: Forms (found on the website)

Radiation Safety's Roles and Responsibilities:

- Approve requisition through BuyWays (commodity code: Radioactive Material) or submitted HP-1 form.
- Inspect lab for radiation safety (initially, as needed)
 - Looking for general safety
 - Inventory
 - Contamination levels measured
 - Waste inventory (activity, composition listed, segregated, secured)
 - Source security (room and/or source cabinet)
- Receive radioactive material and transfer to the Lab (only once all requirements are satisfied)
- Handle waste (cost sharing might be sought for improper disposal, e.g. mixing)
- Support and technical advisors
- Emergency spill response