

MAINTAINING RADIOISOTOPE INVENTORIES



University of Central Florida
 Department of
 Environmental Health & Safety



Environmental Health and Safety <small>UNIVERSITY OF CENTRAL FLORIDA</small>	Effective Date: 04/13/2018	Form Number: EHS_SOP321_FORM002 (Form RC-6)
TITLE: Radioisotope Inventory Log		Responsible Authority: Radiation Safety Coordinator

UCF Tracking No.: _____ **1** Date Received: _____ **2**

Isotope & Compound: _____ **3** Activity Received: _____ **4**

Date of Use	Name of RAM Worker	Amount Used (mCi)	Amount Left (mCi)	Record Day of Use Survey/Swipe on Form RC-14
	5	6	7	9

Comments: _____

Date of Final Use or Disposal: _____

Filling out the Radioisotope Inventory Log:

The following information is documented at the top of the form:

1. Tracking Number assigned to each shipment of radioisotope
2. Date received
3. Isotope and Compound
4. Activity Received

In removing material from the source vial use the Running Total method to keep track of quantities:

5. Date and Name of person using isotope
6. Record amount used
7. Record amount remaining in source vial
8. Upon completion of experiment place the chemicals to the appropriate waste container ensuring the amount removed/used from the source is the same as the amount added to the Waste Disposal Tag.

Contamination and surveys readings:

9. Perform a meter survey (swipe for H-3) upon completion of experiment noting any areas that read 3x's background. If there are areas that meet this criteria perform a swipe survey in accordance with UCF Radiation Safety Manual recording your readings on the Form RC-14.

Once material has been completely used up, list the date of final use or disposal on the bottom of the form. **DO NOT ACCOUNT FOR DECAY.** Treat the material as if you just received it. Store the empty source vial in the shipping "pig" and hold for collection by EH&S

Physical inventory may be requested at the RSO's discretion.