

Ionizing Radiation Authorization Permit

Permitted User	Department	UOP License Number 0840-39(22)	Expiration Date August 12, 2006
----------------	------------	-----------------------------------	------------------------------------

Description of Project

Radioactive Material Sealed Source Limits

Nuclide	System Description and Parameters		Model	Authorized Radiation Worker	System Information	
	Possession Limit (Curies)	Manufacture			Use Bldg/Room	Type of System

--	--	--	--	--	--	--

Precautions Required

Protective Clothing	Protective Equipment	Personnel Monitoring	Engineering Controls
<input type="checkbox"/> Disposable Gloves	<input type="checkbox"/> Work Tray/Absorbant Paper	<input type="checkbox"/> Body Badge	<input type="checkbox"/> Fume Hood > 100 lfm
<input type="checkbox"/> Lab Coat	<input type="checkbox"/> Tongs for Stock Solutions	<input type="checkbox"/> Ring Badge	<input type="checkbox"/> Fume Hood with Charcoal Filter
<input type="checkbox"/> Safety Glasses	<input type="checkbox"/> Lucite/Plexiglass Shielding	<input type="checkbox"/> Extremity Badge	<input type="checkbox"/> Glove Box with HEPA Filter
<input type="checkbox"/> Lead Aprons	<input type="checkbox"/> Lead Gamma Shield	<input type="checkbox"/> Urine Analysis	<input type="checkbox"/> Interlocked Access
<input type="checkbox"/> Shoe Covers	<input type="checkbox"/> Survey Instrument	<input type="checkbox"/> Thyroid Count	<input type="checkbox"/> Flashing Light at Access
<input type="checkbox"/> Disposable Coveralls	<input type="checkbox"/> Respiratory Protection	<input type="checkbox"/> Hand/Foot Monitoring	<input type="checkbox"/> Clean Change Room
<input type="checkbox"/> Hair Covers		<input type="checkbox"/> Air Monitoring	<input type="checkbox"/> Stack Monitoring

Other Requirements

1. A copy of this authorization shall be posted in the ionizing radiation work areas
2. All applicable provisions of the following documents shall be observed
 - a. The Radiation Safety Manual (maintained by the Radiation Safety Officer)
 - b. California Radiation Regulations and Federal Regulations (located in DH-182 by the Radiation Safety Officer)
 - c. Health Physics Bulletins or Notices
3. The following records shall be maintained:
 - a. Use logs
 - b. Contamination Survey Results
4. Special Instructions:

Approval and Certification

We approve this ionizing radiation use as described and is subject to the precautions listed	We certify that all work will be as described and will be performed in accordance with the precautions listed
Radiation Safety Officer Date	Permitted User Date
Health Physics Committee Chairman Date	Permitted User's Supervisor Date