

Ionizing Radiation Authorization Permit

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

Radioactive Materials Limits

Nuclide	Maximum Quantities (mCi)			Experimental Protocol #	Authorized Radiation Worker	Locations		
	Total Possession	Purchase Per Order	Use Per Experiment			Use Bldg/Room	Lab Class.	Counting Storage

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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 Quarterly	<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
Radiation Safety Committee Chairman Date	Permitted User's Supervisor Date