

Sealed Source Radiation Safety Training

Part II

Name: _____ NetID: _____

PI: _____

Radioactive Source Use Information

List Typical Sources and Activities To Be Used

Required Topics (Check off)

- _____ Sealed Source, Safe Handling Information - Review of Poster (see reverse)
- _____ Acquiring New Sources – Radiation Safety Involvement and Procedure
- _____ Administrative Controls: Review of any SOP's, Log Out/In, Techniques, or other related documents
- _____ Identification of radiation hazards associated with the use of the sources
- _____ Personal Monitoring Devices: Applying, use, storage, exchange, and results
- _____ Preventing Personal Exposures and PPE
- _____ Emergency Procedures & Phone Numbers
- _____ Instrumentation and Surveys (including leak tests)
- _____ **Security:** Preventing unauthorized use or loss of radioactive sources. Storage security.

Lab Supervisor: _____

Lab Supervisor Signature: _____

Date Training Completed: _____

Please return completed form to:

EHS Training Coordinator at safetytraining@yale.edu

When Using Sealed Sources ...



DO:

- Ensure you have completed the proper training for sealed source use.
- Wear gloves and use source only as approved by the Radiation Safety Committee.
- Use tongs or forceps when handling sources.
- Select the right isotope and smallest activity source for your application.
- Know which is the active side of the source.
- Be aware of the surface and "working" distance dose rate.
- Sign out the source prior to removing source from storage.
- Log the return of the source.
- Transport in a safe manner.
- Label container housing sealed sources.
- Return the source to locked secure storage when not in use.
- Shield sources as appropriate.

Yale Environmental Health & Safety
135 College Street, Suite 100
T 203-785-3550 / F 203-785-7588
ehs.yale.edu

DON'T:

- Use a damaged source.
- Leave source unattended or unsecured.
- Subject the source to vacuum, pressure, solvents, adhesives, tapes, or corrosive atmospheres unless the source is specifically approved for such use.
- Remove labels from any source.
- Loan the sources to anyone without prior written approval from Radiation Safety.
- Physically modify the source without prior radiation safety committee approval.
- Remove source from authorized room locations.

Always call EHS/Radiation Safety immediately at 203-785-3555:

- To report missing or lost source.
- To report a damaged or leaking source.
- In the event of an emergency or personal exposure.