



Rice University Environmental Health and Safety
Laboratory-Specific Radiological Safety Training Attendance Record

Last Name _____ First Name _____ Middle initial _____

Department _____ P.I. _____

This training must be completed prior to the start of work with ionizing radiation. Both the principal investigator (or alternate) and the trainee are confident that the trainee is qualified to use (List all isotopes and radiation producing machines that were included in the training):

The following topics should be covered during the training. Check all that were covered.

- Location of all permit paperwork, including access in the absence of the permit holder.
- Permit review including approved nuclides, limits, laboratories, users, and any other restrictions.
- Locations of required signs, notices, and EHS Radiation Safety Manual.
- Where radioactive material is used within the lab(s) and restrictions on that use.
- Storage location(s) and procedures for radioactive material security and storage.
- Radioactive material waste segregation and disposal forms and inventory forms properly signed and dated.
- Review of written protocols involving radioactive material.
- Radiological safety considerations and potential for the generation of airborne radioactive material.
- Special handling techniques which will minimize exposure when handling radionuclides.
- Instruct trainee on the proper use of survey equipment and techniques.
- Frequency for both routine and post operational surveys as applicable to your laboratory.
- Availability of appropriate personal protective equipment and a discussion of its importance.
- Emergency procedures including contact numbers, spill response instructions, and locations of eyewash stations, safety showers, and spill kits.
- Review all shielding that is in place and the appropriate shielding type for your source.

Signature of P.I. or Alternate

Date

Signature of Trainee

Date

Note: Radiological Safety training shall also be provided to persons who frequent areas where radioactive material is stored, but who do not work directly with the material. Such training shall include:

1. A brief discussion of the hazards of radiation and radioactive materials that are present.
2. Recognition of warning signs.
3. Area from which such persons are restricted.
4. Persons to contact in the event of an emergency.