



Chemical Safety Laboratory Specific Training

In order to comply with the OSHA Occupational Exposure to Hazardous Chemicals in Laboratories (29 CFR 1910.1450) regulations, laboratory specific training must be performed for every laboratory worker, either by the Principal Investigator listed as the Approval Holder (AH) for the laboratory (or set of laboratories), or the Approval Safety Coordinator (ASC), if designated. This training, and the completion of this form, is required in addition to the General Chemical Safety Training and must be retained in the laboratory for inspection.

Approval #: _____ Approval Holder Name: _____

Trainee Name: _____ Trainee Title: _____

Trainer Name (if not AH): _____ Date: _____

The following items must be covered by the AH or ASC in the laboratory specific training, and must be understood by the trainee.

1. Document Locations:

- a. The Laboratory Chemical Safety Manual is located on the RLSS website.
- b. The hazardous chemical inventory for this approval is found in the **gowning area of the cleanroom**.
- c. The Material Safety Data Sheets (MSDSs) for every chemical on the hazardous chemical inventory are found **gowning area of the cleanroom**.

2. Hazards and Equipment Locations:

- a. Explain the storage and segregation of hazardous chemicals.
- b. Show the location(s) and explain the purpose of the designated areas present in the laboratory. Explain the personal protective equipment (PPE) required to work in the laboratory. Explain how to use the PPE correctly and where all required PPE can be found within the laboratory.
- c. Show the location of the first aid kit.
- d. Show the location of all components of the chemical spill kit, and explain how to use each component.
- e. Show the location of the safety shower and eye wash that is used for the laboratory, and explain the proper decontamination procedures.
- f. Explain proper waste disposal procedures and show where the hazardous waste containers are located.
- g. Show the location of the fire extinguisher(s) and emergency exit(s).
- h. Have someone who has taken the "Fighting Fires with Portable Fire Extinguishers" Training explain how to properly use fire extinguishers.

3. Engineering Controls



- a. Review the proper use of chemical fume hoods. Note the proper level of the sash.
- b. Explain the purpose and proper use of any additional engineering controls present in the laboratory.

4. Additional Safety Information

- a. Explain what to do in emergency situations and who to contact in case of an emergency.
- b. Explain any procedures requiring prior approval from the AH or ASC.
 - i. **HF/BOE use requires approval**
- c. Explain any special procedures that occur in the laboratory.
 - i. **HF/ BOE** – Exercise caution for using this chemical
 - ii. **Piranah** – Ensure cooling of the mixture before putting into waste container, do not leave beaker with the mixture in the cabinet and keep capped lightly inside the cabinet.

I, _____, indicate that I have understood and completed this Laboratory Specific Training.

Signed: _____

Date: _____

Trainer Signature: _____

Date: _____