

Laboratory Safety Training Checklist and Documentation

Name _____ Department/Group _____

Supervisor _____ Campus Location _____

Part A: The following trainings are required by all personnel before starting work in a lab:

initial and date when completed:

- | | | |
|-------------------------------------|--|-------|
| <input checked="" type="checkbox"/> | Reading the DRS Laboratory Safety Guide | _____ |
| <input checked="" type="checkbox"/> | Laboratory Safety Training (DRS online training) | _____ |
| <input checked="" type="checkbox"/> | Laboratory Specific Orientation | |
| <input checked="" type="checkbox"/> | Location and use of safety equipment
(PPE, safety shower, eye wash, spill kit, fire extinguisher) | _____ |
| <input checked="" type="checkbox"/> | Access to safety data sheets and other reference material | _____ |
| <input checked="" type="checkbox"/> | Lab specific information and policies | _____ |
-

Part B: DRS Trainings Based on the hazards in the laboratory, the P.I./lab manager should check what other trainings must be completed:

DRS Online Trainings (Completion will be documented in the DRS database)

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Analytical X-ray Safety | _____ |
| <input type="checkbox"/> | Awareness training for transport of HazMat | _____ |
| <input type="checkbox"/> | Chemical Safety: An Introduction | _____ |
| <input type="checkbox"/> | Chemical Spills | _____ |
| <input type="checkbox"/> | Compressed Gas Safety | _____ |
| <input type="checkbox"/> | Cryogen Safety | _____ |
| <input type="checkbox"/> | Electrical Safety: Fundamentals | _____ |
| <input type="checkbox"/> | Electrical Safety: Risk Assessment | _____ |
| <input type="checkbox"/> | Electrical Safety: Recommended Practices | _____ |
| <input type="checkbox"/> | Fire Extinguisher Training | _____ |
| <input type="checkbox"/> | Formaldehyde Safety | _____ |
| <input type="checkbox"/> | Hydrofluoric Acid Training | _____ |
| <input type="checkbox"/> | Laser Safety | _____ |
| <input type="checkbox"/> | Nanomaterials Safety | _____ |
| <input type="checkbox"/> | NIH Guidelines Overview | _____ |
| <input type="checkbox"/> | Radiation Safety Awareness Training | _____ |
| <input type="checkbox"/> | Radioactive Materials Safety | _____ |
| <input type="checkbox"/> | Radioactive Detection Instruments | _____ |
| <input type="checkbox"/> | Risk Assessment for Research Procedures | _____ |
| <input type="checkbox"/> | Transportation of Infectious Substances, Category B | _____ |
| <input type="checkbox"/> | Understanding Biosafety | _____ |

DRS Live Trainings (Completion will be documented in the DRS database)

☐ Safe Handling of Human Cell Lines/Materials in a Research Lab _____

DRS Safety Library (Please document training with initials and date)

Biological Safety

☐ [Biological Samples Stored in Liquid Nitrogen](#) _____

☐ [Biosafety Level 2 Guide](#) _____

☐ [Biotoxins Management and Handling](#) _____

☐ [Campus Exposure Control Plan](#) _____

☐ [Protecting Vacuum Lines from Biohazards](#) _____

☐ [Storage of Risk Group 2 Biological Materials](#) _____

Chemical Safety

☐ [Acids-Mineral Acids](#) _____

☐ [Aqua Regia](#) _____

☐ [Battery Safety](#) _____

☐ [Bases-Hydroxides](#) _____

☐ [Chemical Compatibility](#) _____

☐ [Chemical Hazard Classification \(GHS\)](#) _____

☐ [Chemical Storage](#) _____

☐ [Compressed Gas Cylinder Safety](#) _____

☐ [Cryogenics and Dry Ice](#) _____

☐ [Cyanides](#) _____

☐ [Diazomethane](#) _____

☐ [Flammable Liquids](#) _____

☐ [Formaldehyde](#) _____

☐ [Health Effects of Chemical Exposure](#) _____

☐ [Hydrofluoric Acid \(HF\)](#) _____

☐ [Labeling Chemicals](#) _____

☐ [Mercury](#) _____

☐ [Nanomaterials](#) _____

☐ [Oxidizers](#) _____

☐ [Perchloric Acid](#) _____

☐ [Peroxide-Forming Chemicals](#) _____

☐ [Piranha Solution](#) _____

☐ [Potentially Explosive Experiments](#) _____

☐ [Pyrophoric Materials](#) _____

☐ [Scale-Up Reaction Safety](#) _____

☐ [Sodium Azide](#) _____

Safety Equipment

- ☐ [Biological Safety Cabinets](#)
- ☐ [Chemical Fume Hoods](#)
- ☐ [Personal Protective Equipment](#)

Laboratory Equipment

- ☐ [Anaerobic Chamber Safety](#)
- ☐ [Autoclave Safety and Operation](#)
- ☐ [Electrical Safety in the Laboratory](#)
- ☐ [Sharps Safety](#)
- ☐ [Vacuum Safety](#)

Radiation Safety

- ☐ [Radiation Safety Manual](#)

Laser Safety

- ☐ [Laser Classification](#)
- ☐ [Laser Hazards and Control Measures](#)

Laboratory Procedures/Practices

- ☐ [Laboratory Housekeeping](#)

Part C: Initial Lab Specific Training-The following are trainings developed in the lab and must be completed before beginning work. (e.g., Standard Operating Procedures, lab policies, other trainings developed by lab)

[illegible]

Part D: Ongoing Training- The following is documentation of additional safety trainings that were not available or not required during the initial safety training. (e.g., Safety refreshers, new DRS trainings)

[illegible]