**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:**

Reading the DRS [Laboratory Safety Guide](http://www.drs.illinois.edu/site-documents/LaboratorySafetyGuide.pdf)/Chemical Hygiene Plan

Laboratory Safety Training (DRS online training)

Laboratory Specific Orientation

Location and use of safety equipment

(PPE, safety shower, eye wash, spill kit, fire extinguisher)

Access to safety data sheets and other reference material

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)

Analytical X-ray Safety

Awareness training for transport of HazMat

Chemical Safety: An Introduction

Chemical Spills

Compressed Gas Safety

Cryogen Safety

☐ Electrical Safety: Fundamentals

☐ Electrical Safety: Risk Assessment

☐ Electrical Safety: Recommended Practices

Fire Extinguisher Training

Formaldehyde Safety

Hydrofluoric Acid Training

Laser Safety

Nanomaterials Safety

NIH Guidelines Overview

Radiation Safety Awareness Training

Radioactive Materials Safety

Radioactive Detection Instruments

Risk Assessment for Research Procedures

Transportation of Infectious Substances, Category B

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](https://www.drs.illinois.edu/Page/SafetyLibrary/BiologicalSampleStorageInLiquidNitrogen)

[Biosafety Level 2 Guide](http://www.drs.illinois.edu/site-documents/BL2Guide.pdf)

[Biotoxins Management and Handling](https://www.drs.illinois.edu/SafetyLibrary/BiotoxinsManagementAndHandling)

[Campus Exposure Control Plan](http://www.drs.illinois.edu/site-documents/IllinoisExposureControlPlan.pdf)

[Protecting Vacuum Lines from Biohazards](https://www.drs.illinois.edu/SafetyLibrary/ProtectingVacuumLines)

[Storage of Risk Group 2 Biological Materials](https://www.drs.illinois.edu/SafetyLibrary/RiskGroup2BiologicalMaterialsStorage)

### Chemical Safety

[Acids](https://www.drs.illinois.edu/SafetyLibrary/MineralAcids)-Mineral Acids

[Aqua Regia](https://www.drs.illinois.edu/SafetyLibrary/AquaRegia)

[Battery Safety](http://www.drs.illinois.edu/SafetyLibrary/BatterySafety)

[Bases-Hydroxides](https://www.drs.illinois.edu/SafetyLibrary/BasesHydroxides)

[Chemical Compatibility](https://www.drs.illinois.edu/SafetyLibrary/ChemicalCompatibility)

[Chemical Hazard Classification (GHS)](https://www.drs.illinois.edu/SafetyLibrary/ChemicalHazardClassification)

[Chemical Storage](https://www.drs.illinois.edu/SafetyLibrary/ChemicalStorage)

[Compressed Gas Cylinder Safety](https://www.drs.illinois.edu/SafetyLibrary/CompressedGasCylinderSafety)

[Cryogens and Dry Ice](https://www.drs.illinois.edu/SafetyLibrary/CryogensAndDryIce)

[Cyanides](https://www.drs.illinois.edu/SafetyLibrary/Cyanides)

[Diazomethane](https://www.drs.illinois.edu/SafetyLibrary/Diazomethane)

[Flammable Liquids](https://www.drs.illinois.edu/SafetyLibrary/FlammableLiquids)

[Formaldehyde](https://www.drs.illinois.edu/SafetyLibrary/Formaldehyde)

[Health Effects of Chemical Exposure](http://www.drs.illinois.edu/SafetyLibrary/HealthEffectsOfChemicalExposure)

[Hydrofluoric Acid (HF)](https://www.drs.illinois.edu/SafetyLibrary/HydrofluoricAcid)

[Labeling Chemicals](https://www.drs.illinois.edu/SafetyLibrary/LabelingChemicalsInLaboratories)

[Mercury](https://www.drs.illinois.edu/SafetyLibrary/Mercury)

[Nanomaterials](https://www.drs.illinois.edu/SafetyLibrary/Nanomaterials)

[Oxidizers](https://www.drs.illinois.edu/SafetyLibrary/Oxidizers)

[Perchloric Acid](https://www.drs.illinois.edu/SafetyLibrary/PerchloricAcid)

[Peroxide-Forming Chemicals](https://www.drs.illinois.edu/SafetyLibrary/PeroxideFormingChemicals)

[Piranha Solution](https://www.drs.illinois.edu/SafetyLibrary/PiranhaSolutions)

[Potentially Explosive Experiments](https://www.drs.illinois.edu/SafetyLibrary/PotentiallyExplosiveExperiments)

[Pyrophoric Materials](https://www.drs.illinois.edu/SafetyLibrary/PyrophoricMaterials)

[Scale-Up Reaction Safety](https://www.drs.illinois.edu/SafetyLibrary/ScaleUpReactionSafety)

[Sodium Azide](https://www.drs.illinois.edu/SafetyLibrary/SodiumAzide)

### Safety Equipment

[Biological Safety Cabinets](https://www.drs.illinois.edu/SafetyLibrary/BiologicalSafetyCabinets)

[Chemical Fume Hoods](https://www.drs.illinois.edu/SafetyLibrary/ChemicalFumeHoods)

[Personal Protective Equipment](https://www.drs.illinois.edu/SafetyLibrary/PersonalProtectiveEquipment)

### Laboratory Equipment

[Anaerobic Chamber Safety](https://www.drs.illinois.edu/SafetyLibrary/AnaerobicChamberSafety)

[Autoclave Safety and Operation](https://www.drs.illinois.edu/SafetyLibrary/AutoclaveSafetyAndOperation)

[Electrical Safety in the Laboratory](https://www.drs.illinois.edu/SafetyLibrary/ElectricalSafetyInTheLaboratory)

☐ [Sharps Safety](https://www.drs.illinois.edu/Page/SafetyLibrary/SharpsSafety)

[Vacuum Safety](https://www.drs.illinois.edu/SafetyLibrary/VacuumSafety)

### Radiation Safety

[Radiation Safety Manual](https://www.drs.illinois.edu/site-documents/RadiationSafetyManual.pdf)

### Laser Safety

☐ [Laser Classification](https://www.drs.illinois.edu/SAfetyLibrary/LaserClassification)

[Laser Hazards and Control Measures](https://www.drs.illinois.edu/SafetyLibrary/LaserHazardsandControlMeasures)

### Laboratory Procedures/Practices

[Laboratory Housekeeping](https://www.drs.illinois.edu/SafetyLibrary/LaboratoryHousekeeping)

***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)*

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| **Description of Training** | **Provided By** | **Date and Initials** |
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***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)*

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| **Description of Training** | **Provided By** | **Date and Initial** |
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