Laboratory Safety Training Checklist and Documentation

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dergrad or grad
visor [Prof.] / Supervisor [TA, RA, Staff]
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ll phone number
mpus Location: 4020 & 4026 ECEB
rt 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

- General 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 have to be completed:

DRS Online Trainings

	Chemical Management in Research Labs		
	Hazardous Chemical Waste Procedures and Requirements		
	Hydrofluoric Acid		
	Understanding Biosafety		
	Radioactive Materials Safety		
	Radiation Safety Update		
	Analytical X-ray Machine Safety		
	Laser Safety		
	Awareness Training for the Transport of Hazardous Materials		
	Transportation of Infections Substances, Category B		
DRS Live Trainings			

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

DRS Safety Library

Biological Safety

- **Biosafety Lab Supplies**
- **Biotoxins Management and Handling**
- Protecting Vacuum Lines from Biohazards
- Storage of Risk Group 2 Biological Materials

<u>Chemicals</u>

- Aqua Regia **Bases-Hydroxides Chemical Compatibility** \square Chemical Hazard Classification (GHS) Chemical Storage Compressed Gas Cylinder Safety Cryogens and Dry Ice Cyanides Diazomethane Flammable Liquids Formaldehyde Hydrofluoric Acid (HF) Labeling Chemicals Mercury \square Mineral Acids **Nanomaterials** \square Oxidizers Perchloric Acid Peroxide Forming Chemicals **Piranha Solutions** Potentially Explosive Experiments **Pyrophoric Materials** Scale-Up Reaction Safety Sodium Azide Laboratory Procedures/Practices **Closeout Procedures** Laboratory Housekeeping Laboratory Set-up Requirements Safety Equipment
- **Biological Safety Cabinets**

	Chemical Fume Hoods Emergency Eyewashes and Showers Personal Protective Equipment		
<u>Labora</u>	atory Equipment		
	Anaerobic Chamber Safety Autoclave Safety and Operation Electrical Safety in the Laboratory Vacuum Safety		
Regula	atory Information DEA Controlled Substances Guide		
Radiation Safety			
	Calculators and Tools Deactivating a Radiation Laboratory Forms of Working with Radioactive Materials Radiation Safety Manual		

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)

Description of Training	Provided By	Date and Initials
Chemical storage and waste	Kevin Colravy	
Red HV [High Voltage] [480 V 3-phase AC,		
208 3-phase AC, 240 V DC] Emergency Off		
Button [All HV Panels]	Kevin Colravy	
Red HV [High Voltage] Emergency Off		
button, north wall, for ceiling HV rail	Kevin Colravy	
GFCI [Ground Fault Circuit Interrupt] Red		
Emergency Off button, north wall, for 208 V		
3-phase AC socket near water supply	Kevin Colravy	
Motor Guards for rotating shafts and		
couplers protocol	Kevin Colravy	
Drill Bit Cover for Stationary Drill	Kevin Colravy	

Back Covers over all HV [High Voltage] PS	
[Power Supplies] exposed terminals	Kevin Colravy
No deine chaining of a constant of a constant	Karda Calazza
No daisy chaining of power cords or strips	Kevin Colravy
Warning tang around any area with possible	
exposed HV [High Voltage] & HV safety	
covers & warning tree [red, danger, do not	
enter]	Kevin Colravy
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Sharps Disposal containers and solder	
needles	Kevin Colravy
Lead solder and electronics orange disposal	
containers, not in garbage	Kevin Colravy
Safety Glasses use	Kevin Colravy
Using Earth Ground on HV [High Voltage]	
panels [50 A] following safety protocol	Kevin Colravy
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Using Nederman vacuum filter for fumes	
when soldering	Kevin Colravy
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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)

Description of Training	Provided By	Date and Initial
