

Laboratory Safety Training Checklist and Documentation

Name / Date _____

Department / Group _____

Net ID _____

UIN _____

undergrad or grad _____

Advisor [Prof.] / Supervisor [TA, RA, Staff] _____

Graduation Date _____

Cell phone number _____

Campus Location: 4020 & 4026 ECEB

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"/> | General Laboratory Safety Training (DRS online training) | _____ |
| <input checked="" type="checkbox"/> | Laboratory Specific Orientation | |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Location and use of safety equipment
(PPE, safety shower, eye wash, spill kit, fire extinguisher) | _____ |
| <input checked="" type="checkbox"/> | <input checked="" type="checkbox"/> Access to safety data sheets and other reference material | _____ |
| <input checked="" type="checkbox"/> | <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 have to be completed:

DRS Online Trainings

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | Chemical Management in Research Labs | _____ |
| <input type="checkbox"/> | Hazardous Chemical Waste Procedures and Requirements | _____ |
| <input type="checkbox"/> | Hydrofluoric Acid | _____ |
| <input type="checkbox"/> | Understanding Biosafety | _____ |
| <input type="checkbox"/> | Radioactive Materials Safety | _____ |
| <input type="checkbox"/> | Radiation Safety Update | _____ |
| <input type="checkbox"/> | Analytical X-ray Machine Safety | _____ |
| <input type="checkbox"/> | Laser Safety | _____ |
| <input type="checkbox"/> | Awareness Training for the Transport of Hazardous Materials | _____ |
| <input type="checkbox"/> | Transportation of Infections Substances, Category B | _____ |

DRS Live Trainings

- | | | |
|--------------------------|---|-------|
| <input type="checkbox"/> | 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 _____

Chemicals

- Aqua Regia _____
- Bases-Hydroxides _____
- Chemical Compatibility _____
- Chemical Hazard Classification (GHS) _____
- Chemical Storage _____
- Compressed Gas Cylinder Safety _____
- Cryogenics and Dry Ice _____
- Cyanides _____
- Diazomethane _____
- Flammable Liquids _____
- Formaldehyde _____
- Hydrofluoric Acid (HF) _____
- Labeling Chemicals _____
- Mercury _____
- Mineral Acids _____
- Nanomaterials _____
- 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 _____

Laboratory Equipment

- Anaerobic Chamber Safety _____
- Autoclave Safety and Operation _____
- Electrical Safety in the Laboratory _____
- Vacuum Safety _____

Regulatory 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	
