ENVIRONMENT, HEALTH AND SAFETY DEPARTMENT
University of Wisconsin-Madison

Title: Lab Assessment Form
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UW-Madison Facilities Planning & Management (FP&M) and
Environment, Health & Safety (EH&S)

Lab Assessment Questionnaire

FP&M and EH&S will use the following information to help ensure your laboratory meets your research needs and complies with building codes. For questionnaire help, contact EH&S at: (608) 265-5000 or ehs-projects@fpm.wisc.edu. Please complete this form separately for each room in your laboratory space. No initial site visit will take place until this form has been completed and submitted.

**denotes a required question. Please answer before submitting.*

I. General Information:

Department*		Work Order or Project No.*		Today's Date*	
Building Name*		Building No.*		Room No.*	Floor (Ground = 0)*
Principal Investigator*		Phone (Office)*		Phone (Home)*	
Lab Mgr/Alt. Contact*		Phone (Office)*		Phone (Home)*	
Emergency Coord.*		Phone (Office)*		Phone (Home)*	
Project Scope/ Summary*					

II. Facility Information:

Does the building have fire sprinklers?* ☐ Yes ☐ No

Will the lab have a flammable liquid storage cabinet?* ☐ Yes ☐ No

Will the lab have a biosafety cabinet?* ☐ Yes ☐ No

Type of biosafety cabinet that will be in the lab: ☐ Type A (recirculating) ☐ Type B (ducted)

Will any utility be needed in the biosafety cabinet other than gas, vacuum or air? If yes, please list:

Will the lab have a fume hood?* ☐ Yes ☐ No

Will any heat be needed in the fume hood? ☐ Yes ☐ No

Will any utility be needed in the fume hood other than gas, vacuum or air? If yes, please list:

Will the lab have any point of exhaust (i.e, snorkels, downdraft tables, etc.)?* ☐ Yes ☐ No

Does the lab currently have a piped-in (i.e., running water) eyewash station?* ☐ Yes ☐ No

Is there an eyewash station nearby in the hall? ☐ Yes ☐ No

Does the lab currently have a safety shower?* ☐ Yes ☐ No

Is there a safety shower nearby in the hall? ☐ Yes ☐ No

Does the lab currently have a fire extinguisher?* ☐ Yes ☐ No

Will the lab use any paints or spray booths?* ☐ Yes ☐ No

Will the lab have any freezers?* ☐ Yes ☐ No

Type of freezers that will be in the lab: ☐ -20 C ☐ -80 C

Will these freezers store flammable materials? ☐ Yes ☐ No

Will the lab have any refrigerators for storing flammable materials?* ☐ Yes ☐ No

III. Biological Materials:

Will there be any use of biological materials in the lab?* ☐ Yes ☐ No

Will there be any use of animals in the lab?* ☐ Yes ☐ No

Please check if any of the following will be used:

Agent Type	BSL-1 (Low)	BSL-2 (Medium)	BSL-3 (High)
Animal Pathogen	☐	☐	☐
Human Pathogen	☐	☐	☐
Plant Pathogen	☐	☐	☐
Non-infectious	☐	☐	☐

IV. Radiological Hazards:

Will there be any use of radiological hazards in the lab?* ☐ Yes ☐ No

Please check if any of the following will be used:

- ☐ Irradiator
- ☐ Sealed Source
- ☐ Radioactive Material / Waste
- ☐ X-Ray
- ☐ Laser
- ☐ Other: _____

V. Chemical Hazards:

Will there be any use of chemical hazards in the lab?* ☐ Yes ☐ No

Please check the boxes next to the following chemicals that will be used or stored in the lab. List maximum quantities expected for each type of chemical.

☐ **Compressed Gases (Class 2)**	**Maximum Quantity**	**Cylinder(s)**	**Lecture Bottle(s)**
☐ Flammable (i.e., acetylene, butylene, ethane, ethylene, hydrogen, methane, propane)		☐	☐
☐ Non-Flammable (i.e., argon, carbon dioxide, helium, krypton, neon, nitrogen, xenon)		☐	☐
☐ Oxidizing (i.e., chlorine, fluorine, oxygen)		☐	☐
☐ Corrosive (i.e., ammonia, hydrogen chloride, sulfur dioxide)		☐	☐
☐ Poisonous / Toxic (i.e., boron trichloride, carbon monoxide, chlorine, chlorine trifluoride, hydrogen fluoride, hydrogen sulfide, phosgene, silane, silicon tetrafluoride)		☐	☐
☐ Highly Toxic (i.e., arsine, chlorine, cyanogen, diborane, fluorine, diazomethane, germane, hydrogen cyanide, hydrogen fluoride, nitric oxide, nitrogen dioxide, ozone, phosphine, hydrogen selenide, ozone, phosgene, stibine)		☐	☐

☐ **Flammable & Combustible Liquids (Class 3)**	**Maximum Quantity**	**mL**	**L**
☐ Class IA Flammable: Flash point below 73 F (23 C) and boiling point at or below 100 F (38 C) (i.e., diethyl ether, dimethyl ether, pentane)		☐	☐
☐ Class IB Flammable: Flash point below 73 F (23 C) and boiling point at or above 100 F (38 C) (i.e., acetone, ethanol, gasoline, methanol, toluene)		☐	☐
☐ Class IC FLammable: Flash point at or above 73 F (23 C) and below 100 F (38 C) (i.e., turpentine, xylene)		☐	☐
☐ Class II Combustible: Flash point at or above 100 F (38 C) and below 140 F (60 C) (i.e., diesel, jet fuel, glacial acetic acid, kerosene)		☐	☐
☐ Class IIIA Combustible: Flash point at or above 140 F (60 C) and below 200 F (93 C) (i.e., DMSO, Aniline)		☐	☐
☐ Class IIIB Combustible: Flash point at or above 200 F (93 C) (i.e., biodiesel, Ethylene glycol, vegetable oil)		☐	☐

☐ **Reactives (Class 4)**	**Maximum Quantity**	**mg**	**g**
☐ Flammable Solids (i.e., activated carbon, camphor, matches, naphthalene, paraformaldehyde, sulfur)		☐	☐
☐ Spontaneously Combustible Materials (i.e., phosphorus, potassium sulfide (anhydrous), sodium sulfide (anhydrous), t-butyl-lithium, alkyl aluminum)		☐	☐
☐ Water Reactive / Dangerous When Wet: (i.e., calcium carbide, lithium, sodium, potassium, metal hydrides, trichlorosilane)		☐	☐

☐ **Oxidizing Substances & Organic Peroxides (Class 5)**	**Maximum Quantity**	**Unit**
☐ Oxidizers (i.e., chlorates, chromium trioxide, nitrates, nitrites, perchlorates, peroxides)		
☐ Organic Peroxides (i.e., benzoyl peroxide, butyl peroxide, cumene hydroperoxide)		

☐ **Toxic Substances (Class 6.1)**	**Maximum Quantity**	**Unit**
☐ Toxic (i.e., acrylamide, anesthetics, carcinogens, ethidium bromide, reproductive toxins/mutagens)		
☐ Highly Toxic (i.e., acrolein, diazomethane, methyl fluorosulfonate, nickel carbonyl, osmium tetroxide, sodium azide, sodium cyanide)		

☐ **Corrosives (Class 8)**	**Maximum Quantity**	**mL**	**L**
☐ Acids (i.e, acetic, chromic, formic, hydrochloric, nitric, perchloric, sulfuric		☐	☐
Check if any quantity is used of : ☐ Hydrofluoric acid ☐ Perchloric acid			
☐ Bases (i.e., ammonium hydroxide, calcium hydroxide, potassium hydroxide, sodium hydroxide)		☐	☐

VI. Other Hazards:

☐ **Other**	**Maximum Quantity**	**Unit**
☐ Cryogenics (*please specify*):		
☐ Dust Collection		
☐ Ethylene Oxide Equipment		
☐ Explosives (DOT Class1)		
☐ High Energy Electrical Equipment		
☐ Hot / High Concentration Perchloric Acid Work		
☐ Hot Work (i.e., smoldering, welding)		
☐ Other:		

Please email the completed form to: ehs-projects@fpm.wisc.edu

For questions or comments about the form, please contact EH&S:

Phone: (608) 265-5000
Email: ehs-projects@fpm.wisc.edu

Submit to EH&S