

Laboratory Hazard Assessment Form

Department: _____ Building: _____ Room: _____

Facility Type (☐): ___ Teaching Lab ___ Research Lab ___ Office ___ Animal ___ Other: _____

Emergency Contact Information:

Principal Investigator: _____ Office Phone: _____ Cell Phone: _____

1st Emergency Contact: _____ Office Phone: _____ Cell Phone: _____

2nd Emergency Contact: _____ Office Phone: _____ Cell Phone: _____

Hazard Pictograms: Mark any of the symbols below that represent a hazard contained in this room. Locate the attached sheet for reference if you are unsure what hazards the symbols represent.



Flame



Exclamation Mark



Gas Cylinder



Health Hazard



Corrosion



Skull and Crossbones



Exploding Bomb



Flame over Circle



Environment



Biohazard



Radiation



Magnetic Fields



Laser

Special Hazard Warnings: Mark any of the following statements that represent a hazard contained in this room.

___ Caution – Cryogenic Liquids in Use

___ Notice – Research Animals Present

___ Caution – Pyrophoric Chemicals in Use

___ Danger – Flammable Gas Cylinders Present

NFPA Diamond Values: Indicate the highest NFPA rating (0-4) for health, fire, and reactivity found in this room. This can be found on most chemical bottles or on its associated safety data sheet. Please also indicate if there are water reactives present. Locate the attached sheet for reference on the NFPA diamond.

Health: _____

Fire: _____

Reactivity: _____

Water Reactives: _____

Please indicate any other information emergency responders should be aware of if entering this room (locations of particularly hazardous chemicals, flammable gas cylinders, classes of lasers present, etc.):

Hazard Pictogram Reference



Flame: flammables, pyrophorics, self-heating, emits flammable gas, self-reactives, organic peroxides



Exclamation Mark: irritant (skin and eye), skin sensitizer, acute toxicity, narcotic effects, respiratory tract irritant, hazardous to ozone layer (nonmandatory)



Gas Cylinder: gases under pressure



Health Hazard: carcinogen, mutagenicity, reproductive toxicity, respiratory sensitizer, target organ toxicity, aspiration toxicity



Corrosion: skin corrosion/burns, eye damage, corrosive to metals



Skull and Crossbones: acute toxicity (fatal or toxic)



Exploding Bomb: explosives, self-reactives, organic peroxides



Flame Over Circle: oxidizers



Environment (nonmandatory): aquatic toxicity



Biohazard: Biohazards are infectious agents or hazardous biological materials that present a risk or potential risk to the health of humans, animals or the environment. The risk can be direct through infection or indirect through damage to the environment.



Radiation: Radiation hazard is present either through a radiation generating instrument (x-rays) or by the storage of radioactive materials.



Magnetic Fields: Strong magnetic fields are present.



Laser: A class 2 laser or higher is present.