

LABORATORY SIGN REQUEST FORM - HAZARD CHECKLIST

Please fill out the laboratory information below and check the boxes for all known hazards that will be present in your lab. When the form is completed, or if you have any questions about your hazards, please email dehsafety@udel.edu

Laboratory Information:

Building: _____

PI or Contact: _____

Lab Number: _____

Contact Phone #: _____

HAZARDS:

Biological Hazards

- Biosafety levels 2 or 3 organisms**

Chemical Hazards

- Flammable Materials** – Materials posing a flammability hazard (Qty > 0.5 L)
- Corrosive Materials** – Materials with a low or high pH (Qty > 0.5 L)
- Acutely Toxic Materials** – Materials with a GHS Category 1 or 2 classification (Any Qty)
- Explosive Materials** – Materials with the potential to detonate
- Strong Oxidizers** – Materials that can cause or enhance combustion of other materials

Health Hazards

- Carcinogenic Materials** – Any quantity with a GHS Category 1 or 2 classification
- Reproductive Toxins** - Any quantity with a GHS Category 1 or 2 classification

Compressed Gasses

- Inert Gas** – Compressed gas cylinders that contain inert gas
- Flammable Gas** – Compressed gas cylinders that contain flammable gas
- Toxic Gas** – Compressed gas cylinders that contain toxic gas
- Corrosive Gas** – Compressed gas cylinders that contain corrosive gas
- Oxidizing Gas** – Compressed gas cylinders that contain oxidizing gas

Radiation Hazards

- Laser Radiation** – Any work involving class 3b or 4 lasers
- Ultraviolet Radiation** – Any source of ultraviolet light excluding biosafety cabinets
- Radio Frequency or Microwave Radiation** (excluding commercial microwaves)
- X-Ray Producing Devices** (excluding electron microscopes)
- Radioactive Materials** – Radioactive chemicals or sealed radiation sources (Any Qty)

Physical Hazards

- Strong Magnetic Fields** – Equipment such as an MRI or an NMR
- High Voltage Equipment** – Equipment or processes using greater than 220/240 volts
- High-pressure reactions** – Reactions that have a potential for high-pressure release
- Cryogenic Materials** – Liquids stored at <160°C (Qty > 0.5 L)