

# Facilities Services Safety Team Lab Entry Caution Sign Overview

Environmental Health and Safety

# CAUTION

ADMITTANCE TO UW AUTHORIZED PERSONNEL ONLY

## INFORMATION FOR FIRST RESPONDERS



### Chemical hazards in quantities that require an SFD permit

Flammable Gas (Liquefied)  
Oxidizer, Class 4  
Oxidizer Gas (Gaseous)  
Highly Toxic  
Toxic  
Irritant  
Cryogenic, Inert Liquid  
Combination IA, IB, IC, Flammable Liquids

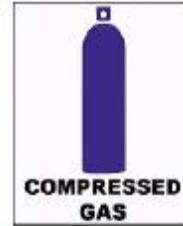
SFD Permit # 12345



BIOHAZARD



RADIOACTIVE MATERIALS



COMPRESSED GAS

## ENTRY REQUIREMENTS



NO FOOD OR DRINK IN LABORATORIES



EYE PROTECTION

Chemical goggles; Safety glasses; Face shield; apron



PROTECTIVE CLOTHING

Lab coat; Gloves; Head covering; Shoe covers



OCCUPATIONAL HEALTH

Vaccine: Malaria  
Other TB skin test

Doc Period: 02/29/2012  
Building: ENV SAFETY OFF BLD  
Room(s): 101

**EMERGENCY**  
**DIAL 9-1-1**  
for Fire, Police, Rescue  
and Medical Emergencies

Contact Name	Title	Department	Work Phone	After Hours Phone
John Doe	PI	EH&S	206 616-1234	206 919-1234
Jane Doe	CIH	EH&S	206 616-5678	425 621-3456
Alias Smith	Lab Manager	EH&S	206 432-1999	253 999-1023

# Objectives of Lab Caution Sign

1. Meet Regulatory Requirements
2. Inform Emergency Responders
3. Inform UW Service Staff
4. Inform Visitors
5. Provide Consistent Look

# Regulatory Requirements for Sign

- Seattle Fire Code (International Fire Code)
- State Dept of Health Radiation Regulations
- CDC/NIH BMBL Code of Practice
  - Biohazard Sign
  - PPE Signs
  - Occupational Health Requirements
- NIH Guidelines for Recombinant DNA
- WISHA Bloodborne Pathogens Rule

# Objectives of Lab Caution Sign

1. Meet Regulatory Requirements
2. Inform Emergency Responders
  - Fire
  - Medical
  - Police

# Objectives of Lab Caution Sign

1. Meet Regulatory Requirements
2. Inform Emergency Responders
3. Inform UW Service Staff
  - Facilities Services
  - Custodial Services
  - UW Information Technology
  - EH&S
  - Emergency Management

# Objectives of Lab Caution Sign

1. Meet Regulatory Requirements
2. Inform Emergency Responders
3. Inform UW Service Staff
4. Inform Visitors
  - Contractors
  - Vendors
  - Delivery

# Objectives of Lab Caution Sign

1. Meet Regulatory Requirements
2. Inform Emergency Responders
3. Inform UW Service Staff
4. Inform Visitors
5. Provide Consistent Look and Message



**STATE OF WASHINGTON**  
**NOTICE TO EMPLOYEES**

**CERTIFICATE OF AUTHORIZATION**  
**RADIOACTIVE MATERIAL**  
**LABORATORY**

This lab is registered with the Radiation Safety Office at the Environmental Health & Safety Department. It is approved for radioactive material use under provisions of the Radiation Material Control (WAC 163-100) issued to the University of Washington by the State of Washington.

BUILDING: \_\_\_\_\_ ROOM: \_\_\_\_\_  
 ADDRESS: \_\_\_\_\_ Type: \_\_\_\_\_  
 CITY: \_\_\_\_\_ Department: \_\_\_\_\_

**Radiation Laboratory Surveys**

Room No. 1150 F420 (Date Posted: 4/1/11)

**BSL-2 Laboratory**



**BIOHAZARD**  
 Admittance to Authorized Personnel Only

Biological Agent(s): HEK293 Cells

Special Procedures, PPE or Precautions for Entry/Exit: Use lab coat and gloves

Principal Investigator		Emergency Contact		Principal P.I.
Name	Phone	Name	Phone	

STATE OF WASHINGTON  
 Environmental Health & Safety Department

REGISTRATION INFORMATION

THIS LICENSE SHALL BE POSTED IN PROMINENT PLACE BY THE PERSONNEL WHO ARE RESPONSIBLE FOR THE RADIOACTIVE MATERIAL IN THIS LABORATORY.



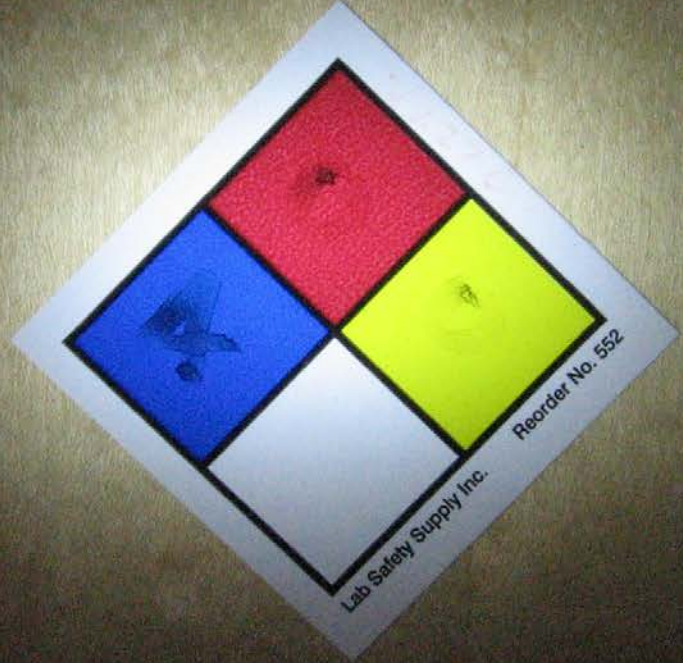
51-8

**F437**

DEPARTMENT OF PHARMACEUTICS

Cell Culture Laboratory

SIGN  
& BATH



Lab Safety Supply Inc.

Reorder No. 552



J280

Smith  
Tissue Culture

NOTICE



LAB COATS  
REQUIRED

WARNING



BIOHAZARD

BSL-2 Laboratory

**BIOHAZARD**  
Admittance to Authorized Personnel Only

Biological Agency: \_\_\_\_\_  
Special Procedures, PPE  
or Protocols for Entry: \_\_\_\_\_

Review and Re-entry: Call your  
Responsible Supervisor for entry  
approval if you  
do not see the appropriate  
signs.

Principal Investigator	Accession Number	Project #
Name: _____	Number: _____	Number: _____
Address: _____	Address: _____	Address: _____
Phone: _____	Phone: _____	Phone: _____



NO FOOD OR DRINK IN LAB

# Implementation

- Initial signs will be created and posted by EH&S
- 12 – 18 months to complete
- Updates will be done by lab personnel using a new tool in MyChem
- EH&S survey teams will check compliance

Let's take a walk through the sign:

- Caution – this is a research laboratory
- UW Authorized Personnel Only – that includes you

# **CAUTION**

**ADMITTANCE TO UW AUTHORIZED PERSONNEL ONLY**

**INFORMATION FOR  
FIRST RESPONDERS**



**Chemical hazards in quantities that  
require a SFD permit**

Flammable Gas (Liquefied)  
Highly Toxic  
Organic Peroxide, Class II  
Pyrophoric  
Toxic  
Unstable (Reactive), Class 4  
Water Reactive, Class 3

# Information for Emergency Responders



0 = minimal

4 = maximum

Red = Flammable hazards

Blue = Health Hazards

Yellow = Reactivity Hazards

White = Fire Fighting Hazards



# Symbols in White Quadrant

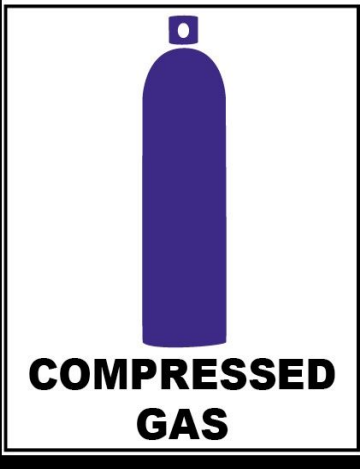
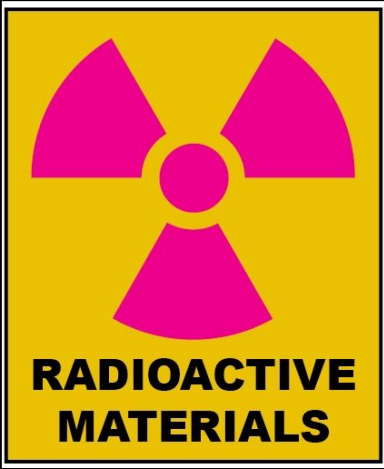
OX = Oxidizer

COR = Corrosive

~~W~~ = Water Reactive

Chemical hazards in quantities that require an SFD permit:

- List of hazards that would be a concern in fire/spill emergency.
- Based on quantities in lab.
- Some quantities are “any amount”
- Under normal conditions low risk of exposure.





**PERSONAL PROTECTION:  
CONTACT LAB STAFF  
PRIOR TO ENTRY**



**EYE  
PROTECTION**



**OCCUPATIONAL  
HEALTH**



**NO FOOD OR  
DRINK IN  
LABORATORIES**

# Contact Information

- Principal Investigator or Lab Manager
- Administrator or Facility Manager
- One contact required
- After-hours phone number optional
- 9-1-1 for after-hours emergencies

- Some warning signs are not covered by this sign. You will still see:
  - Laser Radiation Signs
  - UV Light
  - Strong Magnets
  - Biohazard Sign on Door

# CAUTION

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LASER RADIATION  
DO NOT STARE INTO BEAM  
OR VIEW DIRECTLY WITH  
OPTICAL INSTRUMENTS

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CLASS 2 LASER  
[www.laserinstitute.org](http://www.laserinstitute.org)

Class 2M LASER

<b>Room No.:</b>	<b>Date Posted:</b>
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# BSL-2 Laboratory



**BIOHAZARD**

**Admittance to Authorized Personnel Only**

**Biological Agent(s):** \_\_\_\_\_

**Special Procedures, PPE  
or Precautions for Entry/Exit:** \_\_\_\_\_

Principal Investigator(s)		Emergency Contact		Protocol # (s)
Name	Phone	Name	Phone	



# More Sample Signs

Suite Sign

Sign with zeros in diamond

# CAUTION

ADMITTANCE TO UW AUTHORIZED PERSONNEL ONLY

## INFORMATION FOR FIRST RESPONDERS



Chemical hazards in quantities that require a SFD permit

Highly Toxic  
Irritant



BIOHAZARD



RADIOACTIVE  
MATERIALS

## ENTRY REQUIREMENTS



NO FOOD OR  
DRINK IN  
LABORATORIES



PERSONAL PROTECTION:  
CONTACT LAB STAFF  
PRIOR TO ENTRY

Doc Period: 02/15/2012  
Building: W.H. HOGGE  
Rooms: 8403; 8403A; 8403C; 8413A;  
8413B; 8433A; 8433B; 8443A;  
8443B; 8443F

## EMERGENCY

**DIAL 9-1-1**

for Fire, Police, Rescue  
and Medical Emergencies

Contact Name	Title	Department	Work Phone	After Hours Phone
Leo Pallarck	PI	Genome Sciences	206 616-5997	9-1-1
Matreya Durham	PI	Genome Sciences	206 616-2338	9-1-1
Celeste Berg	PI	Genome Sciences	206 543-1677	9-1-1
Evan Eichler	PI	Genome Sciences	206 543-9529	9-1-1

# CAUTION

ADMITTANCE TO UW AUTHORIZED PERSONNEL ONLY

## INFORMATION FOR FIRST RESPONDERS



This area contains minimal or no hazardous chemicals.

SFD Permit # 1234



RADIOACTIVE MATERIALS

## ENTRY REQUIREMENTS



NO FOOD OR DRINK IN LABORATORIES

Date Posted: 03/01/2012  
Building: ENV SAFETY OFF BLD  
Room(s): 109

**EMERGENCY**  
**DIAL 9-1-1**  
for Fire, Police, Rescue  
and Medical Emergencies

Contact Name	Title	Department	Work Phone	After Hours Phone
John Doe	PI	EH&S	206 543-1234	206 362-1245
Jane Doe	Lab Manager	EH&S	206 685-1234	425 771-4567
Alias Smith	Administrator	EH&S	206 543-2222	

Questions?