

BioRAFT – Laboratory Door Sign Module

This guidance document will assist you with creating a door sign for your lab. You will be able to customize your sign based on the hazards selected during your laboratory registration process. The sign should include emergency contact information, lab hazards, PPE requirements, GHS pictograms, NFPA diamond, and other information that may be of importance to your lab.

Generate a door sign with safety information for your lab in BioRAFT.

- Log into BioRAFT at <https://tamu.bioraft.com/>
- Click your lab group to expand your choices and then choose "View Lab Spaces"

Sample Lab

» View Lab Profile

» ChemTracker

» Compliance Dashboard

» Manage Members

» Send Lab Message

» View Lab Spaces

» Self Inspections

» Manage Lab Forms

+ Research Tools

+ Training

+ Equipment

+ My Account

Welcome to BioRAFT

Please Read: [TAMU COVID-19 Guidance](#)

Announcements

08/19/2021: [Update - Training Automated Mess...](#)
We have had questions about the automated training messages that have been generated through Bio...
[\[more\]](#)

08/18/2021: [Training - Automated Messaging U...](#)
We want to make you aware that automated messages for training will be turned on within BioRAFT.... [\[more\]](#)

04/15/2021: [Automated Messaging in BioRAFT h...](#)
Automated messages for open inspection reports has resumed in BioRAFT These messages were turned...
[\[more\]](#)

[View All Announcements](#)


Compliance E-Mail Inbox

08/19/2021	EHS Training Overdue
07/06/2021	Your account at https://tamu.bio...
07/06/2021	Your account at https://tamu.bio...
04/22/2021	EHS Inspection Report - Follow U...

[View Entire Inbox](#)

ObserveNow

See a safety concern?
Click to report it.



Required Training

Status	Course Name	Renewal Date
✓	Introduction to Laboratory Safety (Online) – EHS: TrainTraq Course 2114106	09/08/2024
✓	Working Safely with Cryogenics: TrainTraq	Never

Compliance Summary for Sample Lab

Training: ✓

Equipment: ✓

[View Dashboard](#)

Generate door signs from your lab space

1. Select the space you wish to generate a door sign for. You can generate a door sign for each space that is associated with your lab group.

[View](#)
[Edit](#)
[Dashboard](#)
[Members](#)
[ChemTracker](#)
[Training](#)

[View](#)
[Spaces](#)
[Documents](#)
[Forms](#)
[Notes](#)
[Equipment](#)
[Lab Inspections](#)
[Self Inspections](#)
[Correspondence](#)

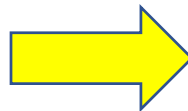
Sample Lab Spaces

Showing 1-2 of 2 results

Hazards:

Space Name▲	Description	Contact	Groups/Labs	Space Hazards Updated	Door Sign Last Created
1111 Research Parkway Bldg.(1602) - 239	RECEPTION ROOM	--	Sample Lab	04/29/2021	04/29/2021
1111 Research Parkway Bldg.(1602) - 250	STAFF OFFICE	--	Fruchtnicht Lab Sample Lab	never	--

[Add a Space](#)






Door Sign Tab

- Choose “Door Sign” at the top of the page.

[View](#) [Edit](#) [Members](#) [ChemTracker](#)

[View](#) | [Documents](#) | [Notes](#) | [Equipment](#) | [Inspections](#) | [Self Inspections](#) | [Door Sign](#)

1111 Research Parkway Bldg (1602) - 239



Contact Phone Number:
Description: RECEPTION ROOM
Labs/Groups using space: [Sample Lab](#)

Location
Building Name: [1111 Research Parkway Bldg \(1602\)](#)
Room Number: 239
Floor: 1111 Research Parkway Bldg (1602) - 2
Address: 1111 Research Pw
College Station, Texas
United States
Area: 170 sq. ft.

[Set Status to Inactive](#)



Populate the Digital Door Sign First

- Choose “Edit Digital Door Sign” at the bottom of the page
- The digital door sign information will be used to populate the physical door sign to print out.

[View](#) | [Edit](#) | [Members](#) | [ChemTracker](#)

[View](#) | [Documents](#) | [Notes](#) | [Equipment](#) | [Inspections](#) | [Self Inspections](#) | [Door Sign](#)

1111 Research Parkway Bldg (1602) - 251

Location

Building Name: [1111 Research Parkway Bldg \(1602\)](#)
Room Number: 251
Address: 1111 Research Pw
College Station, Texas
United States

General Information

	Contact Name	Primary Phone	Secondary Phone
1	-	-	-
2	-	-	-
3	-	-	-

Description:

Labs/Groups using space: [Sample Lab](#)

Space Hazards

Space Hazards has not been configured yet. Please select "Edit Digital Door Sign" below to make changes.

704 Diamond

The 704 Diamond has not been configured yet. Please select "Edit Digital Door Sign" below to make changes.

PPE/Precautions

PPE/Precautions has not been configured yet. Please select "Edit Digital Door Sign" below to make changes.

Entrance Procedures/Facilities Instructions

Entrance Procedures/Facilities Instructions has not been configured yet. Please select "Edit Digital Door Sign" below to make changes.

[Edit Digital Door Sign](#)

General Information Section

- Complete the “General Information” section by entering up to three contacts for the lab.
- You are also allowed to edit the description in this section.
- *The Primary phone number should be a number that the contact can be reached at after hours. The secondary phone can be a lab or office phone number.*

Edit Digital Door Sign

Location

Building Name: 1111 Research Parkway Bldg.(1602)
Room Number: 251
Address: 1111 Research Pw
 College Station, Texas
 United States

General Information

Contact information to be listed on the Door Sign for this space. For phone numbers to be actionable by *EHS*, or emergency responders, please include the phone numbers in the proper format (XXX)-XXX-XXXX.

	Contact Name	Primary Phone	Secondary Phone
1	<input type="text" value="Safety First"/>	<input type="text" value="123-456-7890"/>	<input type="text" value="098-765-4321"/>
2	<input type="text"/>	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>	<input type="text"/>

Description:

Labs/Groups using space: Sample Lab

Known Lab Hazards

Below are the hazards to which lab personnel within this space may be exposed based on the information collected from Lab Profiler:

Sample Lab

- Biological
 - Biological materials
 - Biological materials - Biosafety Level 1
- Chemical
 - Any hazardous chemicals



Known Lab Hazards Section

- The “Known Lab Hazards” section is generated from when the PI or the PI’s designee went through the general setup of the lab.
- Click “Populate” to automatically fill in the next section “Space Hazards”.

Known Lab Hazards

Below are the hazards to which lab personnel within this space may be exposed based on the information collected from Lab Profiler:

Sample Lab

- Biological
 - Biological materials
 - Biological materials - Biosafety Level 1
- Chemical
 - Any hazardous chemicals
 - Flammable chemicals
 - Hazardous compressed gases
 - Flammable compressed gases
- Non-Ionizing Radiation
 - Lasers
 - Open beam Class IIIB lasers
- Physical
 - Cryogenics and dry ice

To automatically copy these lab hazards to the 1111 Research Parkway Bldg (1602) - 251 Digital Door Sign, click the “Populate” button.

Populate

Space Hazards

Please complete the Space Hazard Profile below to identify hazards that are known to be present in this space.

Biological:

- ☐ Animal blood, body fluids, and/or tissues
- ☐ Animal inhalation anesthetics
- ☒ Biological materials
- ☐ Human blood, body fluids, tissues, and/or bloodborne pathogens
- ☐ Infectious proteins
- ☐ Live animals
- ☐ Plant research
- ☐ Recombinant and/or synthetic nucleic acids
- ☐ Select Agent pathogenic microorganisms

Non-Ionizing Radiation:

- ☐ Commercial or lab-built microwave/radio frequency emitting equipment
- ☒ Lasers
- ☐ Magnetic fields, high intensity
- ☐ UV light sources

Physical:

- ☐ Confined spaces
- ☒ Cryogenics and dry ice
- ☐ Electrical hazards

Space Hazards Section

- This section allows you to edit the information you just populated. Here you can add additional hazards or remove hazards by clicking the box next to the hazards.
- Hover over the blue question mark for additional information about each hazard.

Space Hazards

Please complete the Space Hazard Profile below to identify hazards that are known to be present in this space.

Biological: <ul style="list-style-type: none"> <input type="checkbox"/> Animal blood, body fluids, and/or tissues <input type="checkbox"/> Animal inhalation anesthetics <input checked="" type="checkbox"/> Biological materials <input type="checkbox"/> Human blood, body fluids, tissues, and/or bloodborne pathogens <input type="checkbox"/> Infectious proteins <input type="checkbox"/> Live animals <input type="checkbox"/> Plant research <input type="checkbox"/> Recombinant and/or synthetic nucleic acids <input type="checkbox"/> Select Agent pathogenic microorganisms 	Non-ionizing Radiation: <ul style="list-style-type: none"> <input type="checkbox"/> Commercial or lab-built microwave/radio frequency emitting equipment <input checked="" type="checkbox"/> Lasers <input type="checkbox"/> Magnetic fields, high intensity <input type="checkbox"/> UV light sources
Chemical: <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Any hazardous chemicals <input type="checkbox"/> Carcinogens <input type="checkbox"/> Corrosive liquids <input type="checkbox"/> Engineered nanomaterials <input type="checkbox"/> Environmental hazards <input checked="" type="checkbox"/> Flammable chemicals <input type="checkbox"/> Generates hazardous waste <input checked="" type="checkbox"/> Hazardous compressed gases <input type="checkbox"/> Hazardous drugs <input type="checkbox"/> Highly toxic chemicals <input type="checkbox"/> Irritants <input type="checkbox"/> Reactive chemicals <input type="checkbox"/> Regulated chemicals <input type="checkbox"/> Teratogens and/or reproductive hazards 	Physical: <ul style="list-style-type: none"> <input type="checkbox"/> Confined spaces <input checked="" type="checkbox"/> Cryogenics and dry ice <input type="checkbox"/> Electrical hazards <input type="checkbox"/> Field work in extreme environments <input type="checkbox"/> Heavy material handling equipment <input type="checkbox"/> Heights (working at 4 ft. or higher) <input type="checkbox"/> Heights (working at 6 ft. or higher) <input type="checkbox"/> High heat <input type="checkbox"/> Highly repetitive lab work <input type="checkbox"/> Hot work <input type="checkbox"/> Inert compressed gases <input type="checkbox"/> Lithium Batteries <input type="checkbox"/> Noise hazards <input type="checkbox"/> Particulates from machines and operations <input type="checkbox"/> Pressure and vacuum vessels <input type="checkbox"/> Robotic machinery <input type="checkbox"/> Shop equipment
Ionizing Radiation: <ul style="list-style-type: none"> <input type="checkbox"/> Ionizing radiation (including x-ray) generating equipment <input type="checkbox"/> Radioactive materials 	Regulated Activities: <ul style="list-style-type: none"> <input type="checkbox"/> Having minors in the lab <input type="checkbox"/> Shipping materials outside of institution <input type="checkbox"/> Transporting materials between buildings or campuses <input type="checkbox"/> No Hazards

704 Diamond

Flammability:
-- Select --

Instability:
-- Select --



NFPA Diamond, PPE, and Special Instruction Sections

- 704 Diamond - In the “704 Diamond” section, hover over the blue question mark for information about what to choose in the drop down menu for each hazard. Make the best choice based on chemicals or other hazards in your lab.
- Personal Protective Equipment/Precautions - Choose what PPE is required in your lab by selecting the box next to each choice.
- Entrance Procedures / Facility Instructions – Indicate any special instructions that may be needed when entering the lab.
- Click Submit.

704 Diamond

Flammability: 0

Instability: 0

Health: 1

Other hazards: RAD

[View NFPA Report](#)

Personal Protective Equipment/Precautions

<input checked="" type="checkbox"/> Lab Coat	<input type="checkbox"/> FR Lab Coat	<input type="checkbox"/> Hearing Protection	<input checked="" type="checkbox"/> Eye Protection
<input checked="" type="checkbox"/> Safety Glasses	<input type="checkbox"/> Safety Goggles	<input type="checkbox"/> Foot Protection	<input type="checkbox"/> Closed Toe Shoes
<input type="checkbox"/> Steel Toe Shoes	<input checked="" type="checkbox"/> Gloves	<input checked="" type="checkbox"/> Protective Clothing	<input type="checkbox"/> Hand Washing
<input type="checkbox"/> Face Shield	<input type="checkbox"/> Hard Hat	<input type="checkbox"/> High Visibility Clothing	<input type="checkbox"/> Wear a Mask
<input type="checkbox"/> N95 Mask	<input type="checkbox"/> Surgical Mask	<input type="checkbox"/> Dust Mask	<input type="checkbox"/> Respiratory Protection
<input type="checkbox"/> Welding Mask	<input type="checkbox"/> Anti-static Shoes	<input type="checkbox"/> Use Breathing Apparatus	<input type="checkbox"/> PAPR
<input type="checkbox"/> SCBA	<input type="checkbox"/> Stay Clear	<input type="checkbox"/> No Smoking	<input type="checkbox"/> No Open Flame
<input type="checkbox"/> No Pacemaker	<input type="checkbox"/> No Metallic Articles	<input type="checkbox"/> Confined Space	<input type="checkbox"/> No Cell Phone
<input type="checkbox"/> No Metallic Implants	<input checked="" type="checkbox"/> No Food/Drink	<input type="checkbox"/> No Photography	

Entrance Procedures/Facility Instructions

Please identify yourself upon entering the lab. |

Submit



Build Door Sign

- Scroll to the bottom of the page and click “Build Door Sign”.

View | Documents | Notes | Equipment | Inspections | Self Inspections | **Door Sign**

1111 Research Parkway Bldg (1602) - 251

- Your *Digital Door Sign* has been created.
- If you would like to print your door sign, please click [here](#).

Location

Building Name: [1111 Research Parkway Bldg \(1602\)](#)
Room Number: 251
Address: 1111 Research Pw
College Station, Texas
United States

General Information

	Contact Name	Primary Phone	Secondary Phone
1	Safety First	123-456-7890	098-765-4321
2	-	-	-
3	-	-	-

Description: Dr. Sample's Lab
Labs/Groups using space: [Sample Lab](#)

Space Hazards

- Biological
 - Biological materials
 - Biological materials - Biosafety Level 1
- Chemical
 - Any hazardous chemicals
 - Flammable chemicals
 - Hazardous compressed gases
 - Flammable compressed gases
- Non-ionizing Radiation
 - Lasers
 - Open beam Class IIIB lasers
- Physical
 - Cryogenics and dry ice

704 Diamond

Flammability 0
Instability 0
Health 1
Other Hazards RAD

[View NFPA Report](#)

PPE/Precautions

- Lab Coat
- Eye Protection
- Safety Glasses
- Gloves
- Protective Clothing
- No Food/Drink

Entrance Procedures/Facilities Instructions

Please identify yourself upon entering the lab.

[Return to space](#) [Edit Digital Door Sign](#) [Build Door Sign](#)

Review and Edit

- Review your information on this screen and make any edits.
- Click Submit at the bottom of the page.

[Return to space](#)
[Edit](#)
[Revisions](#)

Build Door Sign

Layout

The layout selected will determine how the door sign looks and may impact the number of selections allowed.

Template: * Standard-NFPA, GHS

Layout: * 8.5" x 11" Portrait

General Information

Contact Information

Only include information you wish to display on the door sign. When entering contacts for your door sign please include full name, one primary phone number and one secondary phone number per line.

There is a character limit of up to 21 for the Name fields in place that will affect printing. These do not need to be removed from your digital door sign, and can be edited here.

	Name	Primary Phone
1	<input type="text" value="Brad Urbanczyk"/>	<input type="text" value="979-862-4038"/>
2	<input type="text"/>	<input type="text"/>
3	<input type="text"/>	<input type="text"/>

Description:

Labs/Groups using space: [Sample Lab](#)

Header

Header: * Caution

704 Diamond

Flammability: * 0

Instability: * 0

Health: * 1

Other hazards: ACID

[View NFPA Report](#)

Regulatory

Check all that apply. Please select the special considerations.

☐ Oxidizing Materials
 ☐ Oxidizers

☒ Compressed Gas
 ☐ Gases Under Pressure
 ☐ Toxic Compressed Gas
 ☐ Flammable Compressed Gas
 ☐ Corrosive Compressed Gas
 ☐ Oxidizing Compressed Gas

☒ Corrosive Materials
 ☒ Skin Corrosion/Burn
 ☒ Eye Damage
 ☐ Corrosive to Metals

☒ Carcinogen
 ☐ Mutagenicity
 ☐ Reproductive Toxicity
 ☐ Respiratory Sensitizer
 ☐ Target Organ Toxicity

☐ Environmental Hazards
 ☐ Aquatic Toxicity

☐ Magnetic Field
 ☐ High Powered Magnet

☐ Cryogenics / Cold Temperatures
 ☐ Cryogenics
 ☐ Cold Temperatures

☐ Optical Radiation/UV Hazard
 ☐ Radio Frequency

Personal Protective Equipment/Precautions

Select up to 6 Personal Protective Equipment/Precautions to display on the door sign.

Personal Protective Equipment

☒ Lab Coat
 ☐ FR Lab Coat
 ☐ Hearing Protection
 ☒ Eye Protection
 ☒ Safety Glasses
 ☐ Safety Goggles
 ☐ Foot Protection
 ☒ Closed Toe Shoes
 ☐ Steel Toe Shoes
 ☐ Gloves
 ☐ Protective Clothing
 ☐ Hand Washing
 ☐ Face Shield

☐ Hard Hat
 ☐ High Visibility Clothing
 ☐ Wear a Mask
 ☐ N95 Mask
 ☐ Surgical Mask
 ☐ Dust Mask
 ☐ Respiratory Protection
 ☐ Welding Mask
 ☐ Anti-static Shoes
 ☐ Use Breathing Apparatus
 ☐ PAPR
 ☐ SCBA

Precautions

☐ Stay Clear
 ☐ No Smoking
 ☐ No Open Flame
 ☐ No Pacemaker
 ☐ No Metallic Articles
 ☐ Confined Space
 ☐ No Cell Phone
 ☐ No Metallic Implants
 ☒ No Food/Drink
 ☐ No Photography

Entrance Procedures/Facility Instructions

There are character limits of up to 132 in place that will affect printing. These do not need to be removed from your digital door sign, and can be edited here

Submit



Print Door Sign

- Click Print Door Sign

NOTE: *Be sure to print using a color printer.*

1111 Research Parkway Bldg (1602) - 239 Door Sign Summary

The *Door Sign* has been updated.

General Information:

	Name	Primary Phone
1	Brad Urbanczyk	979-862-4038
2	-	-
3	-	-

Description: RECEPTION ROOM

Labs/Groups using space: [Sample Lab](#)

Header:

Caution

704 Diamond:

Flammability 0
Instability 0
Health 1
Other Hazards ACID

Regulatory:

Biological BSL-1
Carcinogenic True
Radiation Radiation Producing Equipment
Laser Class 3B

Area Hazards:

- Flammable Materials
- Compressed Gas
- Corrosive Materials
- Skin Corrosion/Burn
- Eye Damage
- Carcinogen

Personal Protective Equipment / Precautions:

- Lab Coat
- Eye Protection
- Safety Glasses
- Closed Toe Shoes
- No Food/Drink

Entrance Procedures/Facilities Instructions:

Enter at your own risk!!

[Return to space](#)

[Edit Door Sign](#)


[View Revisions](#)

[Print Door Sign](#)

Door Sign


- Place your newly created door sign on your lab door.

CAUTION

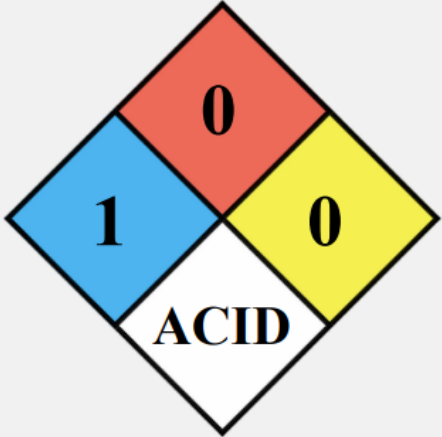


TEXAS A&M
UNIVERSITY


1111 Research Parkway Bldg
 (1602), 239
 RECEPTION ROOM





EMERGENCY INFORMATION





AREA HAZARDS



Flammable
Materials


Compressed Gas



Corrosive
Materials



Skin
Corrosion/Burn



Eye Damage



Carcinogen

REGULATORY INFORMATION



BSL-1



Radiation
Producing
Equipment



Class 3B



Carcinogenic


PPE/PRECAUTIONS


Lab Coat


Eye Protection


Safety Glasses


Closed Toe
Shoes


No Food/Drink

EMERGENCY CONTACTS

Brad Urbanczyk 979-862-4038
 Environmental Health and Safety 979-845-2132

ENTRANCE INSTRUCTIONS

Enter at your own risk!!

BIORRAFT
updated: 10/07/2021



Click the link below to view Door Sign videos
from BioRAFT

[Door Sign Videos from BioRAFT](#)



Submit any questions to
labsafety@tamu.edu

Click here for more information about
BioRAFT

[BioRAFT Information Webpage](#)