
RSS RELAUNCH 2022-2023

HAZARD ASSESSMENTS

Erin Winett, Aubrey Arain
EHS Department

April 7th, 2023

RSS RELAUNCH SCHEDULE

- Phased roll-out. All meetings 8:30 – 9:30 AM on Zoom.
- Zoom URL will be posted on the main EHS webpage, RSS webpage and invites will be sent.

Date	Subject	Description
10/7/2022	Relaunch	RSS introduction, new modules, what to expect, resources.
11/4/2022	RSS Setup	Groups, new naming convention, profiles, etc. Even existing RSS users will need to rename their areas to comply with the new naming convention.
1/27/2023	Hazardous Waste	WASTE module. Users can create their own compliant labels, keep track of the waste in their area(s) & request a pickup in the system with a click.
3/10/2023	Chemical Inventory & SDS	RSS Chemical inventory module and RFID scanning & SDS Access. If you have hazardous chemicals in your area no matter the volume, you are required to keep an accurate chemical inventory. EHS has purchased an RFID Scanner for campus use and RFID tags for initial inventories.
4/7/2023	Assess	Hazard assessment module.
5/12/2023	Inspect	Lab/workshop Inspection module. Every Lab or Workshop must complete an inspection by the end of the academic year.

RSS RELAUNCH SCHEDULE

All items must be completed in RSS by June 30, 2023.

Meetings to be scheduled after June 30, 2023:

- Printing and posting of signage generated from RSS
- Analytics training for techs/department safety personnel
- Reconciling chemical inventories
- Renewing assessments, inspections

HAZARD ASSESSMENTS

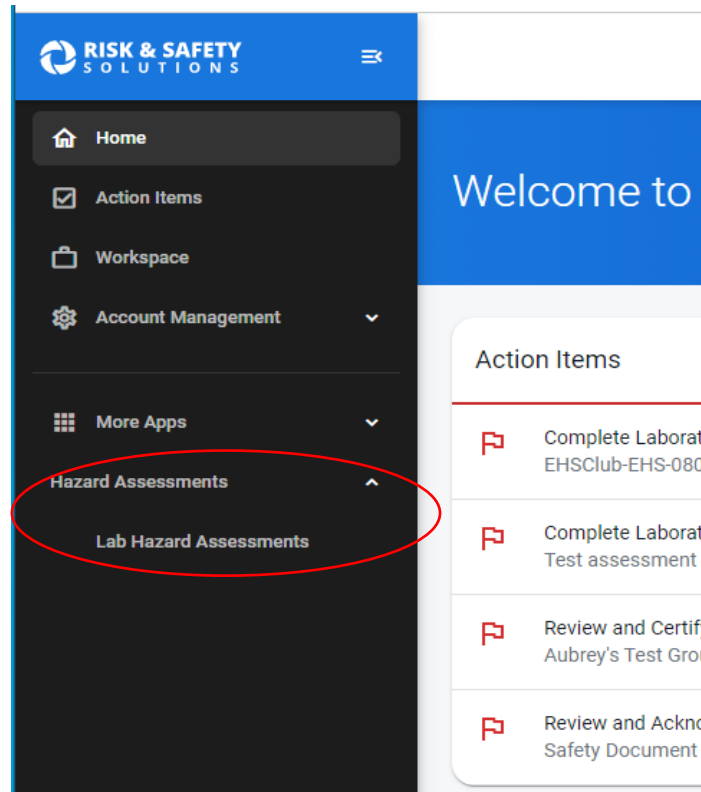
- The purpose of a hazard assessment is to identify, assess, and control workplace hazards and risks to worker health and safety.
- OSHA requires employers to conduct inspections of all workplaces or tasks to determine if hazards are present that would require the use of PPE or other controls.
- CSU EO 1039 requires hazard assessments for campus activities.
 - “Faculty/Staff will ensure a hazard assessment is conducted for student activities in their classes, labs, shops, field experience, and like learning environments. Hazards to be considered include potential for exposure to biological, chemical and/or physical hazards (e.g. in chemistry, biology, physics, engineering, or art labs).”

RSS ASSESS

- To be completed yearly.
- Strongly suggested to have faculty on-site during assessment to help answer questions.
- Takes 30 mins – 1 hour to complete for most labs/workshops.
- Note: RSS labels these as “Lab Hazard Assessments”. They are to be completed by workshops, too.
- Helps identify training needs and controls.
- Helps EHS identify program users.
- Allows for department-level, building-level understanding of risks.

BEGIN THE ASSESSMENT

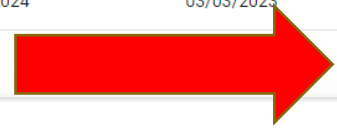
- Can be started by owner or delegate (not member).



SELECT ASSESSMENT


Look to see current status of any existing assessments

Learning Lab - AERO - 41 - 211 - Space Simulation Lab	Abercromby, Kira	Sent to RP	—	—	03/21/2023
Learning Lab - AERO - 41 - 136 - Structures	Paton, Eric	Sent to RP	—	—	03/21/2023
Learning Lab - AERO - 41 - 139, 139A - Wind Tunnel	Hiremath, Nandeesh	Sent to RP	—	—	03/21/2023
Tech Work Area - AERO - 41 - 141	Thompson, Cody	Sent to RP	—	—	03/21/2023
Bio 452 Classroom	Keeling, Elena	Expired	03/20/2022	03/21/2023	03/21/2023
Food Chemistry Lab	Castro Lizano, Luis	Expired	03/17/2022	03/17/2023	03/17/2023
Dynamic Testing	Singh, Jay	Draft	—	—	03/15/2023
Process Improvement	Deif, Ahmed	Draft	—	—	03/15/2023
276 - 125 lab	Thompson, Kevin	Certified	03/03/2023	03/03/2024	03/03/2023
269, 273 - 132 Lab	Thompson, Kevin	Certified	01/17/2023	03/03/2024	03/03/2023
EHSclub-EHS-080-104	Arain, Aubrey	Draft	—	—	



CREATE A NEW ASSESSMENT

- Search for owner
- Select a group
- Name Assessment



This is an assessment of the potential risks to individuals in a laboratory or research work environment. Hazard categories include: Chemical, Physical, Biological, Radiological, Laser and Non-ionizing.

Selected Group

Name	Owner
EHS	Arain, Aubrey

Name your Assessment

Document Name *

EHS Hazard Assessment

VERIFY ROSTER AND LOCATIONS

← Search

EHS Hazard Assessment - Test ! Draft

Arain, Aubrey

Certified: N/A
Expiration: N/A

← Continue

The people in this lab who need to read and acknowledge the assessment, take training, and obtain personal protective equipment.

Roster


Name ↑	Email	Role	Last Acknowledged...
Arain, Aubrey	alarain@calpoly.edu	Owner	—
Cruse, Melonee	mecruse@calpoly.edu	Member	—
Juarez, Christina	cdjuarez@calpoly.edu	Delegate	—
Landvogt, Mike	milandvog@calpoly.edu	Delegate	—
Winett, Erin	egwinett@calpoly.edu	Member	—

CERTIFY


- LHA Setup
- Roster
- Locations
- 4 Chemical Hazards
- 5 Physical Hazards
- 6 Biological Hazards
- 7 Radiological Hazards

CHEMICAL HAZARDS

← Search

 EHS Hazard Assessment - Test ! Draft

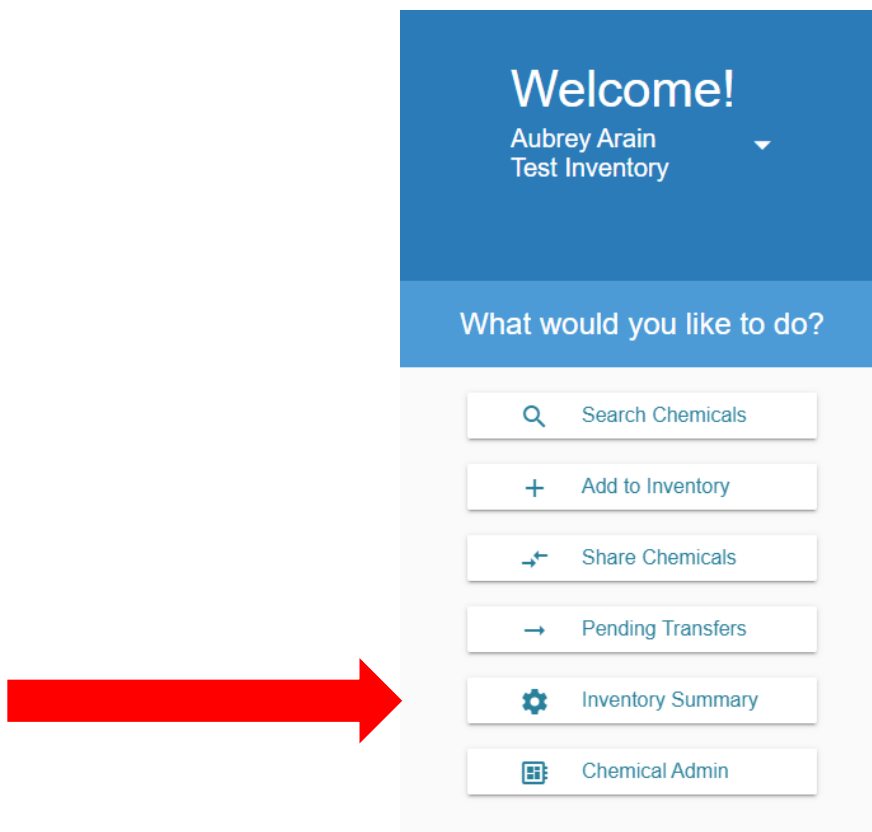
Arain, Aubrey

←  Save & Continue

Chemical Hazards

Do you have any chemical hazards in your location?

USE YOUR CHEMICAL INVENTORY HERE!



The image shows a screenshot of a web application interface for chemical inventory management. At the top, a blue header contains the text "Welcome!" followed by the user's name "Aubrey Arain" and the inventory name "Test Inventory" with a dropdown arrow. Below this, a light blue bar asks "What would you like to do?". A list of seven buttons is displayed: "Search Chemicals" (with a magnifying glass icon), "Add to Inventory" (with a plus icon), "Share Chemicals" (with a share icon), "Pending Transfers" (with a right-pointing arrow icon), "Inventory Summary" (with a gear icon), and "Chemical Admin" (with a grid icon). A large red arrow points from the left towards the "Inventory Summary" button.

DOWNLOAD INVENTORY DATA

Inventory Access

Inventory Owner:

Aubrey Arain

Groups:

Arain-EHS-080-104 (Aubrey Arain)

Members: ▶

Campus-wide Chem Admins with access to view/edit your inventory: ▶

Users with read-only access to your inventory: ▶

Import & Export

Import

Download Inventory Data



INVENTORY DATA

A	B	C	D	E
Chemical Name	CAS	Molecular	Physical St	Hazard Codes
Isoamyl acetate	123-92-2	C7H14O2	Liquid	H226
Lactophenol - Cotton Blue	56-81-5, 108-95-2, 50-21-5, 7732-1	Liquid		H304,H332
70% Isopropyl Alcohol	67-63-0, 7732-18-5	C3H8O	Liquid	
Acetaldehyde ammonia trimer, 98%	58052-80-5	C6H21N3C	Solid	H315,H319,H335
Acrylamide	79-06-1	C3H5NO	Solid	H301,H312,H315,H317,H317,H317,H319,H332,H340,H340,H350,H350,H361,H372,H402

Use the hazard codes to understand risks.

Google GHS Hazard codes or use the link on the National Institute of Health:

<https://pubchem.ncbi.nlm.nih.gov/ghs/>

PERHAPS MORE HELPFUL...

Utilize the door signs on the Chemical Inventory tool.

Inventory Access

Inventory Owner:

Aubrey Arain

Groups:

Arain-EHS-080-104 (Aubrey Arain)

Members: ▶

Campus-wide Chem Admins with access to view/edit your inventory: ▶

Users with read-only access to your inventory: ▶

Import & Export

Import

Download Inventory Data

Reconciliation

Reconcile your inventory by sublocation (barcode only)

Reconcile your inventory by room

Door Hazard Signs

Door hazard signs inform entrants, visitors, and first responders what chemical hazards are expected to be found in a room and who to contact in an emergency. The signs available for each room below include the chemical hazards GHS symbols. This comes from information in the chemical inventory for all chemicals in each room. Inventory Managers can indicate additional hazards and emergency contact information on the door hazard sign.

[080-ENVIRONMENTAL HEALTH & SAFETY, Room 0103](#)

[080-ENVIRONMENTAL HEALTH & SAFETY, Room 0104](#)



DOOR HAZARD SIGN

Hazard & Emergency Notification

EDIT



IN CASE OF EMERGENCY DIAL 911 IMMEDIATELY

080-ENVIRONMENTAL HEALTH & SAFETY: Room0104 (1)

Inventory Owner Emergency Contacts

Name	Role	Phone #	Alternate Phone #
Aubrey Arain	Inventory Owner	(805)756-7171	

Emergency Contacts

Name	Role	Department	Phone #	Alternate Phone #
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Last Certified: Apr 05, 2023 (Test Inventory)



Flammables



Aspiration Toxicity
Mutagenicity
Carcinogen
Reproductive Toxicity
Target Organ Toxicity




Respiratory Tract Irritant
Irritant (skin and eye)
Acute Toxicity (harmful)
Skin Sensitizer




Acute Toxicity - Oral

BACK TO CHEMICAL HAZARDS

← Search

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←  Save & Continue

Chemical Hazards

Do you have any chemical hazards in your location?

CHEMICAL HAZARD QUESTIONS

Chemical Hazards

C3. Working with corrosive or toxic liquids or solids in a way where no splash hazard exists. This can be about 25 mL or less depending on the process.* ⓘ

Yes No

This is a required question.

C4. Working with corrosive or toxic liquids or other materials and processes which create a splash hazard. This can be greater than 25 mL depending on the process.* ⓘ

Yes No

This is a required question.

C5. Working with flammable solvents/materials in a way where no reasonable ignition sources are present and no spray or splash hazard exists. This can be about 25 mL or less depending on the process.* ⓘ

Yes No

This is a required question.

C6. Working with flammable liquids or other materials and processes which create a spray or splash hazard the vapor from which can be ignited. This can be greater than 25 mL depending on the process.* ⓘ

Yes No

This is a required question.

C7. Working with any quantity of flammable solvents/materials when there are reasonable ignition sources present; or working in areas where flammable concentrations of vapors or gas may be present* ⓘ

Yes No

This is a required question.


C8. Working with Category 1 or 2 acutely toxic chemicals per SDS* ⓘ

Yes No



CHEMICAL HAZARD QUESTIONS

Chemical Hazards

C3. Working with corrosive or toxic liquids or solids in a way where no splash hazard exists. This can be about 25 mL or less depending on the process.* 

Yes No

This is a required question.

C4. Working with corrosive or toxic liquids or other materials and processes which create a splash hazard.

Yes No

This is a required question.

C5. Working with flammable solvents/materials in a way where no reasonable ignition sources are present

Yes No

CORROSIVES LIQUIDS/SOLIDS: Corrosives are a class of chemicals that have both physical and health hazards. A chemical which is corrosive, by definition, will materially damage, or even destroy, metals by chemical action. Other materials may be damaged by a corrosive chemical.

GHS Hazard Codes include H314 "Causes severe skin burns and eye damage" and H318 "Causes serious eye damage"

GHS Hazard codes for Toxicity include H300 "Fatal if swallowed" and H310 "Fatal in contact with skin" and H330 "Fatal if inhaled" and H301 "Toxic if swallowed" and H311 "Toxic in contact with skin" and H331 "Toxic if inhaled"

A skin corrosive will cause irreversible damage to the skin; namely, visible necrosis through the epidermis and into the dermis, following contact with the substance. Most strong acids (aqueous solutions with a pH less than 2) or strong bases (aqueous solutions with a pH greater than 12.5) are corrosive. It is equally important to know there are many corrosive materials which have a neutral pH. Examples include phenol and triethylamine.

CHEMICAL HAZARD QUESTIONS

C9. Working with known or suspect human carcinogens* ⓘ

Yes No

This is a required question.

C10. Working with reproductive hazard chemicals (including reproductive toxicants and germ cell mutagens)* ⓘ

Yes No

This is a required question.

C11A. Working with pyrophoric chemicals (or reagents)* ⓘ

Yes No

This is a required question.

C11B. Working with substances which in contact with water emit flammable gases* ⓘ

Yes No

This is a required question.

C12. Working with potentially explosive chemicals* ⓘ

Yes No

This is a required question.

C13. Working with Category 2 or higher engineered nanomaterials* ⓘ

Yes No


This is a required question.


C14. Simple chemical spill cleanup*

Yes No

CHEMICAL HAZARD QUESTIONS

← Search

 EHS Hazard Assessment - Test ! Draft
Arain, Aubrey

←  Save & Continue

C14. Simple chemical spill cleanup*
 Yes No
This is a required question.

C15. Complex chemical spill cleanup*
 Yes No
This is a required question.

C16. Working with peroxide forming compounds; with no inhibitors*
 Yes No
This is a required question.

C17. Working with organic peroxides*
 Yes No
This is a required question.

C18. Working with lithium batteries*
 Yes No
This is a required question.


C19. Working with DEA Controlled Substances*
 Yes No
This is a required question.

C20. Working with Select Agents* ⓘ
 Yes No
This is a required question.



PHYSICAL HAZARDS

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← Save & Continue

Physical Hazards

Do you have any physical hazards in your location?

PHYSICAL HAZARDS

Physical Hazards

P1. Working with cryogenic liquids* ⓘ

Yes No

P2. Working with very cold equipment, samples, or dry ice*

Yes No

P3. Removing sealed vials from liquid nitrogen*

Yes No

P4. Working with scalding liquids or hot equipment (e.g., autoclave, water bath, oil bath)*

Yes No

P5. Glassware washing*

Yes No

P6. Working with loud equipment, noises, sounds, alarms, etc.*

Yes No

P7. Working with a high-powered sonicator*

Yes No

P8. Working with a centrifuge or other rotating equipment*

Yes No

P9. Working with sharps (e.g. needles, razor blades and broken glass)*

Yes No

PHYSICAL HAZARDS

P10. Working with an apparatus containing materials under pressure or vacuum *

Yes No

P11. Working with a microtome *

Yes No

P12. Flying objects *

Yes No

P13. Exposed High Voltage(>50 V) *

Yes No

P14. Exposed electrical current *

Yes No

P15. Working with fine powders *

Yes No

P16. Working with compressed gas cylinders or tanks *

Yes No

P17. Working with air compressors *


Yes No

P18. Working on elevated surfaces, platforms, ladders, suspension devices or harnesses *

Yes No

PHYSICAL HAZARDS

← Search

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← → Save & Continue

Yes No

P16. Working with compressed gas cylinders or tanks*

Yes No

P17. Working with air compressors*

Yes No

P18. Working on elevated surfaces, platforms, ladders, suspension devices or harnesses*

Yes No

P19. Working with power or hand tools*

Yes No

P20. Working with power industrial lifts (forklifts, jacks, scissor lifts)*

Yes No

P21. Working in or around strong magnetic fields*

Yes No

P22. Working with robotics*

Yes No

P23. Working with unmanned aerial vehicles (drones) or other remote controlled devices*

Yes No

P24. Working with simulation eyewear, darkrooms, or other simulators*


Yes No

BIOLOGICAL HAZARDS

← Search



EHS Hazard Assessment - Test

 Draft

Arain, Aubrey



Save & Continue

Biological Hazards

Do you have any biological hazards in your location?

Yes

No



BIOLOGICAL HAZARDS

Biological Hazards

B1. Working with human or non-human primate blood, body fluids, tissues, cells or other potentially infectious material (OPIM) which may contain human bloodborne pathogens (BBP)* ⓘ

Yes No

This is a required question.

B2. Working with microbial agents (bacteria, virus, parasites, yeast, fungi, prions), recombinant DNA and/ or biological materials (cells, tissues, fluids) exposed to or likely to contain Risk Group 1 microbial agents or recombinant DNA (BSL-1)* ⓘ

Yes No

This is a required question.

B3. Working with microbial agents, recombinant DNA and/or biological materials (cells, tissues, fluids) exposed to or likely to contain Risk Group 2 microbial agents or recombinant DNA (BSL-2)* ⓘ

Yes No

This is a required question.

B4. Working with microbial agents, recombinant DNA and/or biological materials (cells, tissues, fluids) exposed to or likely to contain Risk Group 2 microbial agents or recombinant DNA for which Biosafety Level 3 practices are required (BSL-2+)* ⓘ

Yes No

This is a required question.

B5. Working with microbial agents, recombinant DNA and/or biological materials (cells, tissues, fluids) exposed to or likely to contain Risk Group 3 microbial agents or recombinant DNA (BSL-3)* ⓘ

Yes No


This is a required question.

B6. Working with live animals only or in conjunction with Risk Group 1 microbial agents or recombinant DNA (ABSL-1)* ⓘ

Yes No

BIOLOGICAL HAZARDS

← Search

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Arain, Aubrey

← Save & Continue

B5. Working with microbial agents, recombinant DNA and/or biological materials (cells, tissues, fluids) exposed to or likely to contain Risk Group 3 microbial agents or recombinant DNA (BSL-3)* ⓘ

Yes No

This is a required question.

B6. Working with live animals only or in conjunction with Risk Group 1 microbial agents or recombinant DNA (ABSL-1)* ⓘ

Yes No

This is a required question.

B7. Working with infected or potentially infectious live animals alone or in conjunction with Risk Group 2 microbial agents or recombinant DNA (ABSL-2)* ⓘ

Yes No

This is a required question.

B8. Working with GMMOs or GMOs*

Yes No

This is a required question.

B9. Working with soil, plants and plant products, food and food products subject to USDA-APHIS import/export and quarantine protocols*

Yes No

This is a required question.

B10. Performing Phlebotomy*

Yes No

This is a required question.


B11. Working with cadavers [human]*

Yes No

This is a required question.

RADIATION HAZARDS

← Search

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Arain, Aubrey

← → Save & Continue

Radiological Hazards


Do you have any radiological hazards in your location?

Yes No

RADIATION HAZARDS



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 Draft

Arain, Aubrey



Save & Continue

Radiological Hazards

R1. Working with unsealed radioactive materials including generally licensed radioactive material or devices (e.g., uranyl acetate thorium nitrate, 32P-labeled biomolecules)*

Yes No

R2. Working with unsealed radioactive materials in hazardous chemicals (corrosives, flammables, liquids, powders, etc.)*

Yes No

R3. Working with sealed radioactive sources or devices containing sources of radioactive materials (e.g., liquid scintillation counters, gas chromatographs/electron capture detectors, static eliminators, etc.)*

Yes No


R4. Working with x-ray producing equipment*

Yes No



LASER HAZARDS

← Search

 EHS Hazard Assessment - Test ! Draft
Arain, Aubrey



Save & Continue

Laser Hazards

Do you have any laser hazards in your location?

Yes


No

LASER HAZARDS




Save & Continue


Laser Hazards

L1. Open Beam - Performing alignment, trouble-shooting or maintenance that requires working with an open beam and/or defeating the interlocks on any Class 3 or Class 4 laser system* 


Yes No

L2. Open Beam - Viewing a Class 3R laser beam with magnifying optics* 

Yes No

L3. Open Beam - Working with a Class 3B laser open beam system with the potential for producing direct or specular reflections* 


Yes No

L4. Open Beam - Working with a Class 4 laser open beam system with the potential for producing direct, specular or diffuse reflections* 


Yes No

L5. Non-Beam - Handling dye laser materials such as dyes, chemicals, and solvents*

Yes No

L6. Non-Beam - Maintaining and repairing power sources for large Class 3B and Class 4 lasers* 

Yes No


L7. Enclosed Beam - Using a Class 1 device housing a Class 3B or Class 4 enclosed or embedded laser with the potential for beam exposure during a servicing event* 

Yes No

NON-IONIZING RADIATION HAZARDS



EHS Hazard Assessment - Test

 Draft

Arain, Aubrey



Save & Continue

Non-Ionizing Radiation Hazards

Do you have any non-ionizing radiation hazards in your location?

Yes

No



NON-IONIZING RADIATION HAZARDS



Save & Continue

Non-Ionizing Radiation Hazards

N1. Working with unshielded sources of ultraviolet radiation*

Yes No

N2. Working with intense infrared emitting equipment (e.g. glass blowing)*

Yes No

REVIEW



EHS Hazard Assessment - Test Draft

Arain, Aubrey

Certified: N/A
Expiration: N/A



Continue

CERTIFY

EDIT PEOPLE

EDIT LOCATIONS

CERTIFY

LHA Setup ✓

Group: EHS

Rooms: 070-FACILITIES - 0108A

Principal Investigator, Supervisor or other Responsible Person Details:

Name: Aubrey Arain

Email: alarain@calpoly.edu

Phone: (805)756-7171

- ✓ LHA Setup
- ✓ Roster
- ✓ Locations
- ✓ Chemical Hazards
- ✓ Physical Hazards
- ✓ Biological Hazards
- ✓ Radiological Hazards
- ✓ Laser Hazards
- ✓ Non-Ionizing Radiation Hazards
- ✓ Review
- 11 Outcomes

Roster ✓

Aubrey Arain Principal Investigator, Supervisor or other Responsible Person

Melonee Cruse Member

Erin Winett Member

Christina Juarez Delegate

Mike Lovvorn Delegate



CAL POLY

OUTCOMES

← Search



EHS Hazard Assessment - Test

Draft

Arain, Aubrey

- Edit People
- Edit Locations
- Delete
- Print Section



The responses to the questions in the assessment identified the hazards and protective equipment summarized below. Select each header and arrowhead to view additional details. The contents of this page may change. Once this assessment has been certified, these outcomes will be finalized.

Hazard

Cell damage	▼
Higher probability for a flammable liquid vapor ignition & spread hazard	▼
If sealed source is compromised due to removal from equipment or physical abuse, cell damage, potential spread of radioactive materials.	▼
Lacerations, chemical splash	▼
Low probability of eye damage when enclosed. When open and on eye, skin damage, fire starting, damaging walls, and other equipment	▼
Potential ear damage and hearing loss	▼
Potential injury, illness, irritation, sensitization, damage and poisoning through injection, ingestion, inhalation and skin or eye contact.	▼
Spread of contamination and hazards for the specific chemical	▼
Workplace violence, natural and human cause emergencies such as fire.	▼

Active User Minimum PPE

Barrier lab coat impervious to fluids	▼
---------------------------------------	---

CERTIFY

- LHA Setup
- Roster
- Locations
- Chemical Hazards
- Physical Hazards
- Biological Hazards
- Radiological Hazards
- Laser Hazards
- Non-Ionizing Radiation Hazards
- Review
- 11** Outcomes

CERTIFY

← Search



EHS Hazard Assessment - Test

! Draft

Arain, Aubrey



Certified: **N/A**

Expiration: **N/A**



The responses to the questions in the assessment identified the hazards and protective equipment summarized below. Select each header and arrowhead to view additional details. The content will change. Once this assessment has been certified, these outcomes will be finalized.



CERTIFY

Hazard

Cell damage



Higher probability for a flammable liquid vapor ignition & spread hazard



If sealed source is compromised due to removal from equipment or physical abuse, cell damage, potential spread of radioactive materials.



Lacerations, chemical splash



Low probability of eye damage when enclosed. When open and on eye, skin damage, fire starting, damaging walls, and other equipment



Potential ear damage and hearing loss



- LHA Setup
- Roster
- Locations
- Chemical Hazards
- Physical Hazards
- Biological Hazards
- Radiological Hazards



IF YOU ARE OWNER...

You are finished with the assessment.

The screenshot displays a mobile application interface for an EHS Hazard Assessment. The top navigation bar is blue and contains a search icon, the text 'EHS Hazard Assessment - Test', a green 'Certified' badge, and the location 'Arain, Aubrey'. On the right side of the header, it shows 'Certified: 04/05/2023' and 'Expiration: 04/05/2024'. The main content area is white and contains the text: 'Actions required as the result of your assessment. This assessment has been completed.' On the right side of the screen, there is a vertical list of categories, each with a blue checkmark icon: 'LHA Setup', 'Roster', 'Locations', 'Chemical Hazards', 'Physical Hazards', 'Biological Hazards', 'Radiological Hazards', 'Laser Hazards', 'Non-Ionizing Radiation Hazards', and 'Review'. Above this list are two buttons: a blue 'RECERTIFY' button and a grey 'AMEND' button.

IF YOU ARE DELEGATE...

The owner needs to certify.

The screenshot displays a web application interface for managing a Lab Hazard Assessment. At the top, the page title is "EHS Haz Waste Shed" with the name "Juarez, Christina" and an "Amend" button. On the right, it shows "Certified: N/A" and "Expiration: N/A". A modal dialog titled "Submit Lab Hazard Assessment" is open, containing the following text: "When you submit this assessment, the PI/Supervisor/Responsible Person will receive an email notifying them to review and certify it. Until then, other assessment members are unable to complete the next steps, including acknowledging the assessment or completing PPE training." Below the text are "Cancel" and "Submit" buttons. A red arrow points from the "Submit" button in the dialog to a "SUBMIT" button in the background interface. On the right side of the background interface, there is a checklist of assessment categories, all of which are checked: LHA Setup, Roster, Locations, Chemical Hazards, Physical Hazards, Biological Hazards, Radiological Hazards, Laser Hazards, Non-ionizing Radiation Hazards, Review, and Outcomes (highlighted with a blue bar and the number 11).

IF YOU ARE DELEGATE...

The owner needs to certify.

← Search

EHS Haz Waste Shell
Juarez, Christina

Sent to RP

Certified: N/A
Expiration: N/A

←

The responses to the questions in the assessment identified the hazards and protective equipment summarized below. Select each header and arrowhead to view additional details. The contents of this page may change. Once this assessment has been certified, these outcomes will be finalized.

Hazard

- Cuts
- Explosions, flying projectiles, inhalation exposures
- Exposure
- Fire when charging, electric shocks, skin exposures,
- Frostbite, hypothermia
- Higher probability for a corrosive or toxic liquid splash hazard

SUBMIT

- ✓ LHA Setup
- ✓ Roster
- ✓ Locations
- ✓ Chemical Hazards
- ✓ Physical Hazards
- ✓ Biological Hazards

TO MAKE CHANGES

Select Amend.

The screenshot displays a mobile application interface for an EHS Hazard Assessment. At the top, a blue header contains a search bar, the assessment title 'EHS Hazard Assessment - Test', a 'Certified' status with a green checkmark, and the location 'Arain, Aubrey'. On the right side of the header, the certification dates are shown: 'Certified: 04/05/2023' and 'Expiration: 04/05/2024'. Below the header, a white card contains the text: 'Actions required as the result of your assessment. This assessment has been completed.' To the right of this card, a vertical sidebar menu is visible, featuring a 'RECERTIFY' button at the top, followed by an 'AMEND' button which is highlighted with a red arrow. Below the 'AMEND' button is a list of assessment categories, each with a blue checkmark icon: LHA Setup, Roster, Locations, Chemical Hazards, Physical Hazards, Biological Hazards, Radiological Hazards, Laser Hazards, Non-Ionizing Radiation Hazards, and Review.

TO RECERTIFY

Select Recertify.

The screenshot shows a mobile application interface for EHS Hazard Assessment. At the top, there is a blue header with a search bar, the title 'EHS Hazard Assessment - Test', a 'Certified' status indicator, and the name 'Arain, Aubrey'. On the right side of the header, it shows 'Certified: 04/05/2023' and 'Expiration: 04/05/2024'. Below the header, there is a white card with a back arrow and the text 'Actions required as the result of your assessment. This assessment has been completed.' To the right of this card is a vertical menu with a 'RECERTIFY' button highlighted by a red arrow, followed by an 'AMEND' button and a list of assessment categories, each with a checkmark: LHA Setup, Roster, Locations, Chemical Hazards, Physical Hazards, Biological Hazards, Radiological Hazards, Laser Hazards, Non-Ionizing Radiation Hazards, and Review. In the foreground, a modal dialog box titled 'Recertify Lab Hazard Assessment' is displayed, containing the text 'our assessment.' and 'Select from the following options'. It lists two options: 'Amend - Make changes to Lab Hazard Assessment. The expiration date will be extended after completing the amendment.' and 'Renew - No changes are necessary. The expiration date will be extended.' At the bottom of the modal are 'Cancel' and 'Continue' buttons.

WEBSITE RESOURCES

Environmental Health & Safety

EHS Home | Contacts | Forms | Programs | Facilities Management & Development

[EHS HOME](#) / [ENVIRONMENTAL HEALTH & SAFETY](#) / [RISK & SAFETY SOLUTIONS](#)

Risk & Safety Solutions

Cal Poly Safety Management System

California Polytechnic State University – San Luis Obispo currently uses Risk and Safety Solutions (RSS) as the Safety Management System. RSS is used on campus to conduct workplace and laboratory hazard assessments, to conduct workplace and laboratory inspections, to compile chemical inventories, and to help manage hazardous waste. The software allows Principal Investigators, Instructional Support Technicians, Delegates, and/or other Responsible Person(s) to identify and manage risks on campus while meeting safety compliance. RSS is available as a website format. A mobile app can also be downloaded for use on your cell phone or tablet.

[LOG IN TO RSS](#) | [TROUBLE WITH RSS](#) | [RSS WRITTEN PROGRAM](#)

[SUBSCRIBE TO THE RSS LISTSERV](#)

*Questions about RSS programming at Cal Poly: email Aubrey Arain at alarain@calpoly.edu

With checklists, you can create an inspection that meets your needs. Ask

- Get Started
- Assess**
- Inspect
- Chemical Inventory
- Safety Data Sheet
- Hazardous Waste

Contacts
Forms
EHS Programs
Report a Hazardous or Unsafe Condition
Hazardous Waste & Materials
Workers Compensation
Risk & Safety Solutions
Training
Facilities Management & Development
Campus Emergency Management
Weather Station



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Assess

A tool that allows Principal Investigators, Instructional Support Technicians, Delegates, and/or other Responsible Person(s) to assess what hazards exist in their laboratory or workshop. Results of the hazard assessment show identified hazards and recommended training, personal protective equipment, or engineering controls to reduce or eliminate risks.

Hazard Assessment Work Flow

- Get Started**
PI/Faculty Member creates their group of lab members and the locations of where they work.
- Assess**
Next, the PI/Faculty Member completes the hazard questionnaire, identifying the hazards present in the lab. He/she then submits the assessment.
*This can also be done by the delegate, but only the PI/Faculty Member can submit the final assessment to the lab members.
- Generate Report**
Upon submittal, the system will generate a list of hazards and recommended PPE for members in the lab and those working adjacently.
- Review**
Lab members will receive an email asking them to review and acknowledge the assessment, which includes the PPE recommendations.
- Complete**
Once all lab members have acknowledged the assessment, the process is considered complete.

A RSS Hazard Assessment (RSS Assess) should be completed for each laboratory or shop location on campus annually. The assessment should be completed by the group owner or delegate, and must be approved by the group owner.

Please click the following links below

Getting Started	PDF	>
Assessment - Performing an Assessment	YouTube	>
Assessment Demo	YouTube	>

GUIDANCE

- RSS YouTube videos
 - https://www.youtube.com/playlist?list=PLbTc_eeg0ejpxP89kGfh8QALUCz8c590K
 - Note: Some RSS training videos feature QR code tags. These are being phased out. Cal Poly Labs/Shops can use RFID tags or no tags.
- EHS RSS Webpage

THANK YOU

