

# LABORATORY PERSONAL PROTECTIVE EQUIPMENT (PPE) HAZARD ASSESSMENT

#### **Purpose and Description**

The Laboratory Personal Protective Equipment (PPE) Hazard Assessment Guide identifies hazards to which laboratory workers may be exposed and specifies PPE to protect against these hazards during work operations. When completed, the document and its associated training will satisfy OSHA 29 CFR 1910.132 Personal Protective Equipment Standard which requires all employers to assess their workplace for hazards that might require the use of personal protective equipment. If PPE has to be used, the supervisor must select the proper equipment and require its use.

This document must be completed by the Lab Manager or their designee who has all the protocols and information to respond to the Hazard Assessment questions. This person must conduct a laboratory hazard assessment that is specific to operations in their laboratory space(s). EH&S personnel are available to assist with the hazard assessment and will review the form. EH&S may be consulted at environmentalsafety@montgomerycollege.edu. The Lab Manager and instructor are responsible for ensuring PPE requirements are followed.

#### This hazard assessment guide consists of the following:

Section 1: Instructions and Guidance on PPE Selection, pages 2 and 3

Section 2: Laboratory PPE Hazard Assessment, pages 4 to 12

Section 3: Certify the Hazard Assessment, page 13

Section 4: PPE Training Documentation, pages 14 and 15



#### Section 1: Instructions and Guidance on PPE Selection

The Lab Manager or their designee will conduct and certify the hazard assessment.

- 1. Conduct a hazard assessment of the laboratory operations using the Laboratory PPE Hazard Assessment.
  - Complete each section for the potentially hazardous agent(s) used in your laboratory: (1) chemical, (2) biohazard, (3) physical.
  - This guide will assist in identifying work tasks that require the use of PPE to protect lab staff from exposures to hazards. For each work task listed, check the "Yes" box if the work is performed in your laboratory. If not, check the "No" box. As needed, add tasks to the list to customize it for your laboratory.
  - Note the designated PPE for each task performed. Check additional boxes as appropriate or check "Other PPE: Specify" and describe in the space provided the lab specific PPE designated for the work task.





#### GENERAL GUIDANCE ON PERSONAL PROTECTIVE EQUIPMENT (PPE) SELECTION

- 1. **Minimum Laboratory PPE.** In general, the minimum PPE that should be worn while performing laboratory work is the following:
  - Safety glasses
  - Disposable nitrile or other appropriate chemical resistant gloves
  - Lab coat (full length) and long pants, long skirt or equivalent leg covering (no shorts)
  - Laboratory footwear (as described below)
- 2. **Chemical-Resistant Gloves**. Chemical-resistant gloves must be selected based on the specific chemical(s) used and manufacturer's glove permeation and compatibility charts.
- 3. Laboratory Footwear. Laboratory footwear should fully cover the feet to protect against chemical spills. Avoid sandals, flip flops, flats, canvas/breathable fabric tops and shoes constructed of mesh (such as athletic shoes) unless impervious chemical-resistant booties that protect the entire foot are worn over them.
- 4. Airborne/Inhalation Hazard: Engineering Controls and Respiratory Protection.
  - **Chemical Fume Hood**. When materials have a potential for becoming airborne, use a chemical fume hood or other engineering control whenever possible. Activities that generate airborne contaminants or odors that are not conducted inside of a chemical fume hood or using some other engineering control (such as a local exhaust at the workbench) should be evaluated to determine if the activity presents an inhalation hazard.
  - **Biosafety Cabinet Use**. Use a biosafety cabinet to minimize exposure. Activities that cannot be conducted inside of a biosafety cabinet should be separately evaluated by the EH&S Office.
  - **Respiratory Protection**. If respiratory protection is identified as a necessary control during the hazard assessment, users must be enrolled in the MC Respiratory Protection Program. This includes EH&S performing a respirator-specific hazard assessment, as well as having all users undergo a medical evaluation to wear a respirator, respirator training and respirator fit testing. Contact EH&S at environmentalsafety@montgomerycollege.edu for assistance in these steps.



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Task Performed	Task Performed in Lab	Detential Uppende	DDE Designeted Faultah Onesifia Taska		
Yes NO	C1. Work with solids of low or moderate toxicity	<ul> <li>Skin damage</li> <li>Eye damage</li> <li>Toxic by skin contact</li> </ul>	<ul> <li>✓ Eyes: Safety glasses</li> <li>✓ Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>✓ Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> <li>□ Face: Face shield as splash or splatter may occur</li> <li>□ Other PPE, Specify:</li> </ul>		
	C2. Work with small volumes (<100 ml.) of corrosive (acids or caustics) liquids or solids	<ul><li>Skin damage</li><li>Eye damage</li><li>Toxic by skin contact</li></ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> </ul>		
	C3. Work with large volumes of corrosive (acids or caustics) or acutely toxic materials that may splash	<ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> <li>Toxic by skin contact</li> </ul>	<ul> <li>Eyes: Safety goggles</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> <li>Body: Chemical resistant apron</li> <li>Inhalation: Respiratory protection; contact EH&amp;S for respiratory protection program assistance</li> <li>Other PPE, Specify:</li> </ul>		
	C4. Work with small volumes (<100 ml.) of flammable solvents or materials	<ul><li>Skin damage</li><li>Eye damage</li><li>Toxic by skin contact</li></ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> </ul>		
	C5. Work with large volumes (>100 ml.) of flammable solvents with a source of heat or ignition nearby	<ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> <li>Toxic by skin contact</li> <li>Fire</li> </ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Inhalation: Respiratory protection; contact EH&amp;S for respiratory protection program assistance</li> <li>Other PPE, Specify:</li> </ul>		



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Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks
	C6. Work with chemicals of high acute toxicity (e.g. hydrogen fluoride, hydrogen cyanide)	<ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> <li>Toxic by skin contact</li> </ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3).</li> <li>Eyes: Safety goggles</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Inhalation: Respiratory protection; contact EH&amp;S for respiratory protection program assistance</li> <li>Other PPE, Specify:</li> </ul>
	<ul> <li>C7. Work with particularly hazardous agent such as:</li> <li>Human carcinogen</li> <li>Mutagen</li> <li>Antineoplastic</li> <li>Reproductive toxin</li> </ul>	<ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> <li>Toxic by skin contact</li> </ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: For Carcinogens, Mutagens, and Chemotherapy/Other Hazardous Drugs: Chemo exam gloves that are tested to meet ASTM D6978-05; Double glove</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Eyes: Safety goggles</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Inhalation: Respiratory protection; contact EH&amp;S for respiratory protection program assistance</li> <li>Other PPE, Specify:</li> </ul>
	C8. Work with an apparatus with contents under pressure or vacuum (mm of Hg, psi, or torr)	<ul> <li>Skin damage</li> <li>Eye damage</li> </ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Face: Face shield</li> <li>Eyes and/or Face: For high risk activities - Safety goggles and face shield</li> <li>Body: For chemical use, chemical-resistant apron</li> <li>Other PPE, Specify:</li> </ul>



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Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks
	C9. Work with air or water reactive chemicals	<ul> <li>Exposure to toxic gases, heat, and/or energy</li> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> <li>Fire</li> </ul>	<ul> <li>Eyes: Safety goggles</li> <li>Hands: Disposable nitrile or appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Hands: Heat resistant or chemical resistant gloves; please specify:</li> <li>Body: Flame-resistant lab coat if fire hazard is present</li> <li>Other PPE, Specify:</li> </ul>
	C10. Work with pyrophoric materials	<ul> <li>Fire</li> <li>Severe burns</li> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> </ul>	<ul> <li>Eyes: Safety goggles</li> <li>Hands: Inner disposable nitrile or appropriate chemical resistant gloves</li> <li>Hands: Outer heat-resistant gloves</li> <li>Body: Flame resistant lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Body: Synthetic clothing must not be worn when working with pyrophoric materials</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Other PPE, Specify:</li> </ul>
	C11. Work with potentially explosive chemicals	<ul> <li>Detonation</li> <li>Flying debris</li> <li>Skin damage</li> <li>Eye damage</li> <li>Fire</li> </ul>	<ul> <li>✓ Eyes: Safety goggles</li> <li>✓ Hands: Inner disposable nitrile or appropriate chemical resistant gloves</li> <li>✓ Hands: Outer heat-resistant gloves</li> <li>✓ Body: Flame resistant lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>✓ Body: Synthetic clothing must not be worn when working with explosive materials</li> <li>□ Face: Face shield as splash or splatter may occur</li> <li>□ Eyes, Face, or Body: Blast shield for high risk activities</li> <li>□ Other PPE, Specify:</li> </ul>



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Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks
	C12. Work with high temperature equipment or objects	<ul> <li>Burns</li> <li>Fire</li> </ul>	<ul> <li>Eyes: Safety goggles</li> <li>Hands: Inner disposable nitrile or appropriate chemical resistant gloves</li> <li>Hands: High temperature thermal insulated gloves</li> <li>Body: Flame resistant lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Body: Synthetic clothing must not be worn when working with high temperature equipment or objects</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Other PPE, Specify:</li> </ul>
	C13. Work with cryogenic material	<ul> <li>Burns</li> <li>Frostbite</li> <li>Eye damage</li> </ul>	<ul> <li>Eyes: Safety glasses</li> <li>Eyes: Safety goggles for large volumes</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Hands: Inner gloves - disposable nitrile or appropriate chemical resistant gloves</li> <li>Hands: Outer gloves - cryogenic low temperature insulated gloves</li> <li>Body: Lab coat; long pants, skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Other PPE, Specify:</li> </ul>
	C14. List any other particularly hazardous lab task involving chemicals	Conduct risk assessment: Hazard depends on task and chemical properties Inhalation Skin damage Eye damage	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Disposable nitrile or other appropriate chemical resistant gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Body: Chemical resistant apron</li> <li>Inhalation: Respiratory protection; <i>contact EH&amp;S for respiratory protection program assistance.</i></li> <li>Other PPE, Specify:</li> </ul>



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Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs) C15. Minor (or small) spill cleanup; spill can be cleaned up with standard spill kit	Potential Hazards <ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> </ul>	PPE For Lab Specific Tasks     Face: Face shield as splash or splatter may occur     Hands: Chemical resistant gloves for spill cleanup     Body: Lab coat; long pants, skirt, or equivalent leg covering (no shorts); lab     footwear (Refer to Page 3)     As needed, contact EH&S for assistance     Foot: Shoe covers     Other PPE, Specify:
	C16. Large spill cleanup; spill is too large or complex to clean up with standard spill kit	<ul> <li>Inhalation</li> <li>Skin damage</li> <li>Eye damage</li> </ul>	<ul> <li>Mandatory: Follow required procedures         <ul> <li>If possible, stop or contain the release</li> <li>Evacuate and secure the area</li> <li>Assist injured or contaminated persons</li> <li>Call 911 for assistance; report injuries, fires, or request cleanup assistance</li> <li>Call Public Safety report incident and Inform Environmental Safety</li> </ul> </li> </ul>



	BIOHAZARD	2.0 BIOHAZARDOUS AGENT	PROTECTION GENERAL
Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks
	B1. Work with human blood, body fluids, cell lines (primary or established), tissues or bloodborne pathogens (BBP).	Exposure to infectious material	<ul> <li>Hand: Latex or nitrile gloves</li> <li>Body: Lab coat</li> <li>Eye: Safety glasses</li> <li>Face: Splatter shield on tabletop</li> <li>Face: Face shield</li> <li>Face: Safety glasses and a mask</li> <li>Body: Disposable gown (optional)</li> <li>Other PPE, Specify:</li> </ul>
	B2. Work with animal and/or human specimens preserved in fixative (such as formalin or paraformaldehyde solution) Preserve animal and/or human specimens with fixative (such as formalin or paraformaldehyde solution)	<ul> <li>Exposure to fixative used to preserve specimen</li> <li>If tissue is fixed, there is no longer an exposure to infectious material.</li> </ul>	<ul> <li>✓ Eye: Safety glasses</li> <li>✓ Hand: Impermeable glove for preserved specimens that is chemical resistant to fixative used</li> <li>✓ Body: Lab coat</li> <li>□ Body: Disposable gown</li> <li>□ Other PPE, Specify:</li> </ul>
	B3. Work with radioactive human blood, body fluids or bloodborne pathogens (BBP).	<ul> <li>Exposure to infectious material</li> <li>Cell damage</li> <li>Potential spread of radioactive contaminants</li> </ul>	<ul> <li>Hand: Latex or nitrile gloves</li> <li>Eye: Safety glasses or safety goggles for splash hazard</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Body: Lab coat</li> <li>Body: Disposable gown</li> <li>Other PPE, Specify:</li> </ul>



	BIOHAZARD 2.1	BIOHAZARDOUS AGENT PRO	TECTION – RISK GROUP 1, 2, 3
Task Performed Yes No	Task Description (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks
	B4. Work with agents or recombinant DNA classified as Risk Group 1 and requiring Biosafety Level 1 (BSL-1) containment	<ul> <li>Biological agents that typically pose a minimal potential for infection by injection, skin exposure, ingestion or inhalation</li> </ul>	<ul> <li>Hand: Latex or nitrile gloves</li> <li>Eye: Safety glasses for splash or other eye hazard</li> <li>Eye: Safety goggles for splash or other eye hazard</li> <li>Body: Lab coat</li> <li>Body: Disposable gown</li> <li>Other PPE, Specify:</li> </ul>
	B5. Manipulation of recombinant DNA, cell lines, viruses, bacteria or other organisms classified as Risk Group 2 and requiring Biosafety Level 2 (BSL-2) containment Perform aerosol generating procedure: Vortex, sonicate, pipette, tissue harvest	Biological agents that pose a moderate potential for infection by injection, skin exposure, ingestion or inhalation	<ul> <li>✓ Eye: Safety glasses if not working in a biosafety cabinet</li> <li>✓ Hand: Latex or nitrile gloves</li> <li>✓ Body: Lab coat</li> <li>Eye: Safety goggles if not working in a biosafety cabinet</li> <li>Body: Surgical gown</li> <li>Other PPE, Specify:</li> </ul>
	B6. Manipulation of infectious materials classified as Risk Group 3 but manipulated in a BSL 2 facility with BSL-3 containment practices (BSL 2+).	Biological agents that pose a moderate or serious potential for infection by injection, skin exposure, ingestion or inhalation	<ul> <li>Eye: Safety glasses for splash or other eye hazard</li> <li>Hands: Nitrile gloves (double)</li> <li>Body: Disposable gown (preferred) that ties in back</li> <li>Inhalation: Respiratory protection as determined by risk assessment; contact EH&amp;S for respiratory protection program assistance</li> <li>Eye: Safety goggles for splash or other eye hazard</li> <li>Body: Lab coat</li> <li>Other PPE, Specify:</li> </ul>
	B7. Manipulation of infectious materials classified as Risk Group 3 and requiring Biosafety Level 3 (BLS-3) containment	<ul> <li>Biological agents that pose a serious or lethal potential for infection by injection, skin exposure, ingestion or inhalation</li> </ul>	<ul> <li>Eye: Safety glasses for splash or other eye hazard</li> <li>Hands: Nitrile gloves (double)</li> <li>Body: Full disposable coverall suit (preferred)</li> <li>Foot: Shoe cover or dedicated shoe</li> <li>Inhalation: Respiratory protection as determined by risk assessment; contact EH&amp;S for respiratory protection program assistance</li> <li>Eye: Safety goggles for splash or other eye hazard</li> <li>Other PPE, Specify:</li> </ul>



					HAZARD PROTECTION (Page 1 of 2)
Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Poter	ntial Hazards		PPE For Lab Specific Tasks
	P1. Work with cryogenic liquids	<ul><li>Skin</li><li>Eye</li></ul>	i damage damage	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	Eyes: Safety glasses Face: Face shield Hands: Cryogenic, low temperature insulated gloves Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3) Body: Cryogenic apron
	P2. Remove freezer cryo vials from liquid nitrogen	<ul> <li>Vials upor</li> <li>Cuts and hand</li> </ul>	s may explode n rapid warming s to face/neck frostbite to ds	<ul><li>✓</li><li>✓</li><li>✓</li><li>✓</li><li>✓</li></ul>	Eyes: Safety glasses Face: Face shield Hands: Cryogenic, temperature thermal insulated gloves Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3) Body: Cryogenic apron
	P3. Work with very cold equipment or dry ice	<ul><li>Fros</li><li>Hypo</li></ul>	tbite othermia	✓ ✓ ✓	<b>Eyes</b> : Safety glasses <b>Body:</b> Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3 <b>Hands</b> : Cryogenic low temperature insulated gloves
	P4. Work with hot liquids, heating equipment and/or open flames (autoclave, Bunsen burner, water bath, oil bath)	• Burn skin	ns resulting in or eye damage	✓ ✓ ✓ ✓ ✓	<ul> <li>Eyes: Safety glasses</li> <li>Hands: Inner disposable nitrile or appropriate chemical resistant gloves</li> <li>Hands: Outer thermal insulated gloves</li> <li>Body: Lab coat; long pants, long skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> <li>Eyes: Safety goggles for work with hot liquids</li> <li>Face: Face shield as splash or splatter may occur</li> <li>Hands: Autoclave gloves, impermeable insulated gloves for liquids amd steam</li> </ul>
	P5. Wash glassware	<ul> <li>Lace brea</li> <li>Spla ager</li> </ul>	erations if glass ks sh from cleaning nts	<ul> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> <li>✓</li> </ul>	Eyes: Safety glasses Hands: Nitrile or appropriate chemical resistant gloves Body: Lab coat; long pants, skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3) Face: Face shield Hands: Cut resistant gloves if glass breaks



	CRYOSENIC LIOUDD	3.0 PHYSICAL HAZARD PROTECTION (Page 2 of 2)			
Task Performed Yes No	Task Performed in Lab (Modify wording to fit your needs)	Potential Hazards	PPE For Lab Specific Tasks		
	P6. Work with loud equipment, noises, sounds, alarms, etc.	Potential ear damage     and hearing loss	<ul> <li>Hearing: Earplugs or ear muffs, as necessary; contact EH&amp;S for noise exposure assessment.</li> </ul>		
	P7. Work with an apparatus with contents under pressure or vacuum (mm of Hg, psi, or torr)	<ul><li>Skin damage</li><li>Eye damage</li></ul>	<ul> <li>Eyes: Safety glasses</li> <li>Hands: If chemicals used, nitrile or other appropriate chemical-resistant glove</li> <li>Body: Lab coat; Long pants, skirt, or equivalent leg covering (no shorts); lab footwear (Refer to Page 3)</li> </ul>		
			<b>Face</b> : Face shield		
			<b>Eyes and/or Face</b> : For high risk activities - Safety goggles and face shield		
			<b>Body:</b> If chemicals used, chemical-resistant apron		
			Other PPE, Specify		
	P8. Work with sharps or broken glass	Cuts	<ul> <li>For Cuts: Use tongs for broken glass and designated sharps container for contaminated wastes</li> <li>For Cuts: Cut resistant outer glove (Keylar) with nitrile inner gloves</li> </ul>		
	P9. Work with sharps and/or empty a	Exposure to aerosols	✓ For Aerosols: Safety glasses and mask.		
	syringe used with chemicals	from syringe	□ Other PPE, Specify:		
	P10. Work with compressed gases inside environmental chambers	<ul><li>Asphyxiation</li><li>Toxic gas exposure</li></ul>	<ul> <li>Employee is not allowed to enter and work inside of an oxygen deficient or hazardous chamber.</li> </ul>		
	P11. Maintain and repair electrically powered equipment	Electrocution	<ul> <li>✓ Eyes: Safety glasses</li> <li>✓ Hands: Insulated gloves</li> <li>✓ Body: Coveralls</li> </ul>		



#### Section 3: Certify the Hazard Assessment

Please certify that the hazard assessment for the laboratory has been completed by filling out and signing this page.

# CERTIFICATION OF THE LABORATORY HAZARD ASSESSMENT AND PPE SELECTION \*\*

Requestor Name (Print Name):	Requestor Signature:		
Department:	Campus:		
Lab Manager's Name:	Lab Manager's Phone:		
Reviewed by (Print Name):	Reviewer Signature:		Date
PPE Recommendations:		Recommended Standard:	



#### **Section 4: PPE Training Documentation**

Laboratory safety training must be conducted by the Lab Manager or their designee. A general training is available on Workday to provide guidelines for personal protective equipment users. Training will identify and discuss potentially hazardous tasks performed in the lab and selection and use of lab specific PPE to protect the laboratory worker. The training content, instructor and student attendees must be documented. To provide adequate training, the Lab Manager or their designee will provide the following:

- 1. Identify all applicable safety training courses needed for each staff member and assure that each staff member has these courses.
- 2. The lab manager, or their designee will review the completed Lab PPE Hazard Assessment Guide with the employee. It describes the operations in the lab where employees need PPE for protection against exposure to hazards. In this step, the hazard assessment is used as a training tool. While discussing lab operations and the associated hazards with lab staff, the manager will address the following:
  - How the lab obtains PPE
  - What types of PPE are used in the lab and for which tasks
  - Where and how the PPE is stored and maintained
  - How to inspect and what to look for to confirm PPE is in good condition before putting it on. If not, place the PPE.
  - How to put on, wear, adjust for proper fit, and remove PPE
  - How to properly use the PPE
  - How to properly decontaminate and clean reusable PPE, and how to properly dispose of single-use PPE
  - Discuss any limitations of the PPE
  - General PPE safety practices, including not wearing PPE outside of lab hazard areas (e.g. hallways and eating areas).
- 3. Each trained lab staff member will sign the training documentation to acknowledge that they have reviewed and been trained on the Laboratory PPE Assessment Guide.
- 4. Conduct refresher training whenever the hazard assessment and/or PPE selected for use is updated.



# Laboratory PPE Hazard Assessment Guide Training Acknowledgement:

Requestor:	Department/Unit:	
Building:	Room:	
Trainer:	Trainer Job Title:	

I have read, asked questions, and understand the PPE requirements for the activity/materials described for my work.

Date	Name of Person Trained	Job Title	Signature