

Physical Hazards: Are the following activities performed in the lab?

Employe Name: _____ Signature: _____
 Supervisor Signature: _____ Date Completed: _____

Yes	No		Potential Hazard	Applicable PPE
		Are you working with cryogenic liquids?	Major skin, tissue, or eye damage.	Face shield, cryogenic gloves, and a lab coat.
		Are you removing freezer vials from liquid nitrogen?	Vials may explode upon rapid warming. Cuts to face/neck and frostbite to hands.	Face shield, cryogenic gloves, and a lab coat.
		Are you working with very cold equipment or dry ice?	Cuts to face/neck and frostbite to hands.	Safety glasses, cryogenic gloves, possibly warm clothing, lab coat.
		Are you working with hot liquids, hot equipment, open flames (i.e. autoclave, Bunsen burner, water bath, oil bath)?	Burns resulting in skin or eye damage.	Safety glasses or goggles for large volumes, insulated gloves (impermeable insulated gloves for liquids & steam), lab coat.
		Are you washing glassware?	Lacerations are possible.	Heavy rubber gloves and a lab coat.
		Are you working with loud equipment, noises, sounds, alarms, etc.	Potential ear damage and hearing loss.	Earplugs or ear muffs may be needed. Contact EH&S for noise monitoring.
		Are you working with an Ultra centrifuge?	Imbalanced rotor can lead to broken vials, cuts, and possible explosion.	Safety glasses, lab coat, or nitrile gloves. Keep a maintenance log to prevent imbalanced rotor and possible explosion.
		Are you working with a sonicator?	Ear damage is possible.	Safety glasses or goggles, lab coat, latex, vinyl, or nitrile gloves. Earplugs or ear muffs may be needed. Contact EH&S for noise monitoring -2273.
		Are you working with sharps?	Cuts and exposure.	Safety glasses, lab coat, vinyl and nitrile gloves
		Are you working with electromagnetic fields?	Electromagnetic fields can damage pacemakers and are a harazd to people with sickle-cell anemia.	There is no PPE to protect a person from an electromagnetic field. Maintaning a proper distance is critical. Credit cards and cell phones should also not be exposed to electromagnetic fields.
		Are you working with other physical Hazards not listed here?	Potential Hazards:	Recommended PPE: