

# Lab Safety Review Checklist

Location (Building and Rooms):

Faculty Name:

Date:

List All Lab Members Conducting Review:

N/A	Yes	No	
			Lab safe operating procedures (SOPs) are accessible to lab personnel.
			Lab-specific safety training for lab personnel is completed and documented.
			NFPA Door Card information is up to date.
			Incompatible chemicals are segregated either by separate storage areas or using separate secondary containment. Examples of chemical groups that must be segregated include: <ul style="list-style-type: none"><li>• Oxidizers from Flammables</li><li>• Acids from Bases</li><li>• Organic Acids from Oxidizing Acids</li><li>• Flammables from Acids</li><li>• Acids from Cyanides</li><li>• Acids from Sulfides</li><li>• Chlorine Compounds from Amines</li><li>• Elemental metals from Acids</li><li>• Organic peroxides from Anything</li><li>• Azides from Anything</li><li>• Air Reactive from Anything</li><li>• Water Reactive from Anything</li></ul>
			If gas detection systems are present, calibration is up to date and emergency procedures are posted in case of emergency response
			If respirators are used in the lab, are people trained and fitted by the EH&S office.
			If peroxide forming chemicals are present, they are labeled with opening dates within one year.
			Flammable liquids outside of a flammable cabinet less than 10 gallons. Self-closing hinges operate properly.
			Personal protective equipment (PPE) worn when required.
			Containers are labeled with contents (full name of material) in English.
			Secondary containment is provided for liquid toxic chemicals, liquid corrosive chemicals, and hazardous waste.
			Hazardous waste is tagged, closed, and is disposed of when full or within 9 months.
			Cylinders are stored in an upright position. Cylinders are restrained with chains on top and bottom. Valve protection cap is in place when not in use.
			Extension cords in proper use: not a trip hazard, not used as a permanent source of electrical supply. No overloaded outlets, no daisy-chained power strips. Electrical panel accessible.
			Fume hood inspection sticker is current, dated within one year. Sash is at or below marked level.
			Sharps (needles, razors) are properly contained. Sharps waste is below the full mark.
			Safety shower/eyewash and fire extinguisher areas are clear of obstructions and clutter. Inspection tags are current, dated within one month.
			Toxic and corrosive chemical containers are stored at or below eye level. Heavy objects stored overhead are restrained.
			Housekeeping in the lab: Work areas, benches, aisles, fume hoods, and exits are clear of obstructions and clutter.
			Other:

**For any items answered "No", please describe the corrective actions taken to address the issue below:**

**How much of the results of this review will be shared with the group members?**

Not at all      Summary offered      Complete report shared      Results and corrective actions discussed