



**Environmental Health and Safety
Chemical Hygiene Laboratory Assessment**

PI: _____ Department: _____
 Lab Contact: _____ Lab Phone: _____
 Building: _____ Room: _____
 Inspected By: _____ Date: _____

Inspection Finding Categories:

- A. No items of safety or environmental concerns were identified.
- B. Items of safety or environmental concerns were identified.
- C. Uncorrected repeated safety or environmental items were identified.

Compressed Gas Cylinders / Distribution Systems

Compliance Items:

Category	Item	Comments (description, location, etc.)
	Unsecured cylinder	
	Cylinder cap in place when not in use or when being moved.	
	Regulator mounted on cylinder not in use	
	Cylinders in use or storage are secured in upright position	
	Incompatibles separated.	
	Hoses, tubing and regulators are in good working condition: <input type="checkbox"/> Cracks, leaks, damage <input type="checkbox"/> plastic tubing for flammable gases <input type="checkbox"/> Proper and intact labels.	
	Transportation in cylinder cart.	
	Excessive amount of flammable gases	
	Excessive amount of oxidizing gases	
	Excessive amount of toxic gases	

General Appearances / Housekeeping

Compliance Items:

Category	Item	Comments (description, location, etc.)
	Empty boxes and broken equipment are disposed of promptly.	
	Work surfaces are free of contamination.	
	Heavy objects are stored on lower shelves.	
	Glassware in good condition: free from cracks, chips, sharp edges, defects.	
	Containers for broken glass are available and in use.	

Chemical Fume Hoods / Exhaust Points

Compliance Items:

Category	Item	Comments (description, location, etc.)
	Over-crowded.	
	Low flow or airflow blocked or restricted.	
	Performance check within last 12 months.	
	Sash open during use or unattended.	

Reagent and Sample Storage

Compliance Items:

Category	Item	Comments (description, location, etc.)
	Secondary containment used properly.	
	Incompatibles stored together: <input type="checkbox"/> Acids and bases <input type="checkbox"/> Acids and cyanides, sulfides or bleach <input type="checkbox"/> Oxidizers and flammables <input type="checkbox"/> Water reactive and aqueous <input type="checkbox"/> Organic and Concentrated acids <input type="checkbox"/> Bleach and ammonium hydroxide	
	Degraded and expired containers.	
	Excess empty chemical containers.	
	Containers properly labeled and intact.	
	Flammable Liquid Storage: <input type="checkbox"/> 5 gal. or larger stored in flammable liquid storage cabinet <input type="checkbox"/> No more than 10 gal. stored outside of flammable liquid storage cabinet	
	Chemical spills (unattended)	
	Refrigerators: <input type="checkbox"/> Flammable materials <input type="checkbox"/> Cluttered	

