

**MARQUETTE UNIVERSITY  
CRITICAL AREAS OF COMPLIANCE LABORATORIES**

Department		Building and Room #	
<b>Principal Investigator, Laboratory Manager or Person in Charge</b>			
<b>Date of Evaluation</b>		<b>Person Completing Evaluation</b>	
<b>General Laboratory Safety (GS)</b>			
	Yes	No	NA
1. Phones in the lab are labeled with Public Safety's contact number.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Chemical Hygiene Plan is available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Lab has a designated Chemical Hygiene Officer.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. All personnel have received Lab Specific Training.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Lab has standard operating procedures for Particularly Hazardous Substances.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Lab workers have access to MSDS information on all chemicals that they use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. There is a procedure in place for lab workers working alone.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. There is no food or drink in the laboratory.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. Lab refrigerators are labeled "Not for food and drink".	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. Housekeeping meets safety standards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Emergency Response/Evacuation (EE)</b>			
	Yes	No	NA
1. The "Lab Emergency Information" sheet is completed and posted.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Lab occupants are aware of the Emergency Evacuation Coordinator and Fire Marshall.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Hallways and stairways to exits are clear and unobstructed.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Areas around safety showers, eye wash stations, fire extinguishers, fire blankets and electrical panels are clear.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. Last inspection of safety showers, eye wash stations, fire extinguishers and fire blankets is indicated on the equipment and is current.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. Natural gas shut off valves are labeled and Lab personnel are knowledgeable in the location of these valves.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Slips, Trips and Falls (SF)</b>			
	Yes	No	NA
1. Aisles are uncluttered without tripping hazards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Mats are positioned appropriately and are in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Walkways are free of water and do not present a slip and fall hazard.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Chemical Storage and Handling (CS)</b>			
1. No flammable solvents, corrosives or reactives are stored above eye level.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Shatterproof containers are used for storing/handling flammable liquids.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. No more than 5 gallons of flammable liquids are stored outside of a safety can or flammable liquid storage cabinet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. No more than 10 gallons of flammable liquids are stored in safety cans outside of a flammable liquid storage cabinet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. No more than 60 gallons of flammable liquids are stored in a UL approved flammable liquid storage cabinet.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6. No more than 75 total gallons of flammable liquids are stored in a single lab.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7. Proper grounding and bonding should be provided and used in areas where bulk flammable liquids are dispensed between containers.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8. All chemical containers are appropriately labeled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9. An approved container is used for the disposal of organic solvents.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10. All containers for waste chemicals are labeled "Hazardous Waste", are safety stored and have closed lids.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
11. Mercury thermometers and equipment have been eliminated from the lab. (Mercury free lab)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12. Mercury thermometers and equipment have been identified and mercury spill prevention measures are in place.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13. A chemical spill cleanup kit is available to the lab.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14. Peroxide forming reagents are dated when opened.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15. Peroxide forming reagents are disposed of or tested after expiration date.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Compressed Gases (CG)</b>			
	Yes	No	NA
1. Gas cylinders are properly secured.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Cylinders are labeled with the contents and a completed NFPA diamond.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Toxic gas cylinders are used and stored in a vented cabinet or fume hood.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. Safety caps are used to protect the cylinder valves and are in place when the cylinder is not in use.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5. No Teflon tape on compressed gas cylinder compression fittings.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Sharps and Glassware (SG)</b>	Yes	No	NA
1. Hard plastic sharps containers are used for the collection of sharps (razor blades, scalpel blades, needles and lancets.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Glassware that is to be disposed of is stored inside a puncture resistant, leak-proof container that is marked or labeled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Personal Protective Equipment (PPE)</b>	Yes	No	NA
1. Safety glasses or goggles are available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
1a. Safety glasses/goggles are worn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Chemical protective gloves are available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2a. Reusable gloves are in good condition.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Lab coats are available.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3a. Lab coats are worn.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Fume Hoods (FH)</b>	Yes	No	NA
1. Hoods have a current inspection sticker (must be inspected annually).	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. Hoods are not used to store excessive amounts of chemicals or equipment in the fume hood that could interfere with the airflow.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Sash is kept down except when working in hood.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Machine Guarding (MG)</b>	Yes	No	NA
1. Equipment with moving parts (e.g. a belt driven pump) has safeguards.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<b>Electrical Safety (ES)</b>	Yes	No	NA
1. Circuit breaker boxes are unobstructed and all breakers are labeled.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2. There are no extension cords being used.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3. Electrical outlets are not overloaded.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4. There is Ground Fault Circuit Interruption (GFCI) protection on outlets near sinks or other water sources.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are radionuclides present in the lab? (see radionuclide lab safety evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are lasers present in the lab? (see laser safety evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Are biohazards present in the lab? (see biological safety evaluation)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Comments [Indicate Section Initials (i.e. ES) and Item Number]: