

2022 General Laboratory Safety Inspection Questions

Administrative and Training

1. Is the roster in [Labs @ Berkeley \(L@B\)](#) current?
2. Have the PI and all lab members taken *EHS 101: Lab Safety Fundamentals*, or a refresher course, in the past three years?
3. Has the PI certified the [Lab Hazard Assessment Tool \(LHAT\)](#) within the last year?
4. Has the Laboratory Self-inspection been completed within the last year?
5. Is the chemical hygiene plan (CHP) read and signed by all members and posted in a visible location?

Chemical and Equipment Safety

6. Are all hazardous waste containers labeled with current [Hazardous Waste Program \(HWP\)](#) labels?
7. Are all hazardous waste containers kept closed except when adding waste?
8. Are chemicals stored properly (incompatibles separated, inside flammable or corrosive cabinets as much as possible, no broken caps, clearly legible labels, secondary containment where appropriate, etc.)?
9. Are emergency eyewashes being flush tested monthly? (The campus is responsible for testing emergency showers annually.)
10. Is access to emergency eyewashes and showers unobstructed?
11. Is a current [chemical inventory door sign](#) posted outside the room?
12. Are cylinders over 26 inches tall secured to a rigid structure a 1/3 and 2/3 the height of the cylinder with non-combustible restraints? (One restraint for cylinders less than 26 inches)
13. Does your lab have a chemical spill kit on hand?
14. Are food, drinks, and all other related items (utensils, dishes, water bottles, etc.) stored outside of areas designated for use/storage of hazardous materials?
15. Is proper PPE worn while hazardous materials are in active use? Minimum PPE includes gloves, eyewear and a labcoat.

Electrical and Engineering Safety

16. Are outer sheaths of flexible cords undamaged?
17. Are electrical lines and cords properly managed and not in walkways or places where they can be a tripping hazard?
18. Is a minimum clearance of 36 inches maintained in front of electrical panels?
19. Is there an excessive or inappropriate use of power strips or extension cords? (daisy chaining, overloading, large appliance not plugged directly into wall)

Fire Safety

(Issues reported in this section will be followed up by Fire Prevention Division member Megan Hall, mchall@berkeley.edu)

20. Is 18 inches of clearance provided from the top of stored materials to the ceiling in laboratories with fire sprinklers (24 inches if no sprinklers are present)?
21. Are aisles and exits clear of obstructions and slip or trip hazards?
22. Does the group conduct and document monthly visual inspections for all fire extinguishers located in their lab spaces?
23. Is access to portable fire extinguishers free of obstructions?
24. Are incompatible gases adequately separated (e.g., oxygen and flammables)?

25. Are all fire doors kept closed and unobstructed?

COVID-19 Safety

26. Have all lab members working on campus completed *EHS 207 COVID-19 Training*?

Other

27. Are there other safety concerns observed which are not addressed in this checklist?