

Fall Term 2022 Safety Memorandum

The Departmental Safety Advisory Group met on November 17, 2022. Important items discussed at that meeting are shown below. If you have any questions, please feel free to contact Michael W. Burand (DSAG chair) or any other member of the Group for assistance.

LPSC Fume Hood Shutdowns

Due to required maintenance, fume hoods in LPSC will need to be shut down annually. Researchers working in LPSC are reminded that fume hoods may **not** be used while they are shut down, regardless of the type of experiment being performed in the hood. The Building Manager will provide ample notice in advance of a scheduled fume hood shutdown so researchers will have time to conclude any experiments beforehand.

Laboratory Coat Care (Please Do Not Write on Laboratory Coats!)

The laboratory coat program costs OSU approximately \$100,000 annually. Researchers are reminded that laboratory coats are the property of OSU and may not be kept permanently or altered/defaced. If, for example, a researcher's name is written on the laboratory coat in permanent marker, the coat is deemed non-returnable, and OSU must pay the replacement cost of approximately \$60.

Recent Chemistry Laboratory Inspection Results

Shown below are the results of recent inspections of laboratory spaces in the Department of Chemistry. Note that the most common infractions were SOPs not available, out-of-date EHS trainings, improper management of hazardous waste, and improper chemical storage. Please be sure to watch out for these issues in your laboratory spaces.

Finding	Severity	Type	Occurrences	Num of Labs
Standard operating procedures (SOPs) are not available	+2	Documentation	9 ↑	9 ↑
EHS required trainings are not up-to-date	+3	General	8 ↑	8 ↑
Hazardous waste managed improperly	+3	Laboratory	8 ↑	8 ↑
Chemicals are not stored properly	+2	Laboratory	7 ↑	7 ↑
Testing not completed and documented: Eyewash tested weekly; Shower yearly; Unobstructed and labeled	+1	Emergency Equipment	3 ↑	3 ↑
Compressed gas cylinders are improperly used/stored	+2	Compressed Gases/Cryogenics	2 ↑	2 ↑
Chemical Inventory is not up-do-date in SciShield	+3	Laboratory	1 ↑	1 ↑
Current Chemical Hygiene Plan not available	+2	Documentation	1 ↑	1 ↑
Hazardous waste determination is needed	+2	Laboratory	1 ↑	1 ↑
High hazard chemicals improperly used	+4	Laboratory	1 ↑	1 ↑
Lab is not following food and drink policy	+2	Laboratory	1 ↑	1 ↑
Laboratory/Shop caution sign not present or needs updating at entrance(s) to lab	+1	Signage/Postings	1 ↑	1 ↑
Undated or expired peroxide formers identified	+3	Laboratory	1 ↑	1 ↑