

Lab Inspection Report presented to Safety Committee on December 12, 2007

Team 3 – Safety Inspection of McKay 3rd floor

304-

Laser goggles are disorganized
No laser warning light

303-

Did not inspect

312 – Pershan group

Old emergency response guide
Needs secondary containment for some bottles (isopropyl alcohol, chloroform) in the hood
HF information was hard to find (blocked by equipment and below eyelevel)
No HF antidote seen
Uncapped compressed gas cylinder that looked like it was not in use
Unlabeled liquid in a large glass jug
Organic solvents (trichloroethylene, methyl-alcohol) should be stored in “organic solvents cabinet under chemical flow hood.

314 Pershan

Water leak in the sprinkler line (near entrance, close to the wall)
Compressed gas cylinders stored on a cylinder cart
Razor blades seen, but no sharps container

318 Pershan

Very old looking hazardous waste containers that should be disposed
Hood is very crowded with chemical bottles and waste containers

320- Mazur lab

Non-standard emergency sign
Laser goggle situation could be improved – they are kept in a box right by the door, but you need to reach into to the room to get them

322- Mazur

Under construction

326 (A+B) Mazur

Has a class 4 laser sign, but there is no working class 4 laser in the room
No emergency response guide

328 Mazur

Old emergency response guide

No laser symbol on the door sign (however the inner room, where the laser is located, has a laser warning light and door sticker)

Two different wavelengths of laser light are present, so there are two different kinds of laser glasses (which are stored together) – potentially dangerous unless there is a good procedure

Laser glasses are hung on the inside of the door

329 – Mazur

Secondary containment is needed for small solvent bottles in the hood (glass bottle and squirt bottles), especially since they are near a drain

Put organic solvent bottles away in “flammables” section under chemical flow hood.

329A - Mazur

Accessed through 329, doors to the hall are blocked by an optical table

Same laser issues as room 328

Laser warning light says “DO NOT ENTER” instead of “LASER ON”