Lab safety peer inspection team 10 report

Inspection date: 3/6/2014

Building: ESL

Room 101:

1. Missing evacuation route posting.
2. Nitric acid and organics separation – is being taken care of.
3. Found one uncapped chemical waste bottle – being taken care of.
4. Missing inspection sticker on hood ESL134.
5. Many waste bottles do not have the specific hazards type boxes checked.
6. Unlabeled small vials/bottles on the shelves.
7. Dirty flasks/bottles in the shallow sink obstructing the eye washing.
8. A fire extinguisher near the back door has no inspection sticker.
9. Some benches were cluttered and found some uncapped syringes with colored liquids.
10. One long extension cord was used apparently as permanent power supply mechanism in conjunction of the big 3D printer.

Room 104:

1. Many unlabeled small vials/bottles.
2. Cluttered in some areas.
3. Found a heated stir plate in operation with a small vial with liquid on the plate, but a piece of paper (8.5x11”) is between them (i.e. the paper was on the heated stir and the vial was on the paper).
4. The big refrigerator has BL2 material in it, but no Biohazards/BL2 sign on the door.
5. Unlabeled vials/small bottles.
6. The -80 freezer missing “no food” sign on the door.
7. The blue corrosive cabinet contains some small bottles on their sides.
8. Inside hood ESL137, the inspection sticker was inside the hood, not outside hood.
9. A syringe without needle found in a non-sharp bin inside hood ESL137.
10. The eye wash near hood ESL137 has outdated inspection sticker.

11. Many unlabeled sample bottles/vials.

Room 107:
1. Found a class 3B/4 laser with last inspection dated August 2012. (EHS - does it need be inspected yearly?)
2. No laser-on warning light or sticker on the door. (EHS – does it need a laser warning light and a sign/sticker at the door even the laser is enclosed in the machine?)

Room 202:
1. One glass bottle on the floor not in a secondary container.
2. Some unlabeled the small bottles/vials on the shelves.
3. One long extension cord for long term use – being taken care of.

Room 203:
1. Two nitrogen tanks outside 203 have unmarked full/empty tags.

Room 204:
1. Uncapped vials/bottles in SAA area.
2. Some empty glass bottles on the floor without secondary container.

Room 205:
1. Some unlabeled waste bottles/vials.
2. Small bottles/vial better be in a secondary container to prevent from tipping over inside the cabinet.

Room 216:
Not in use, not accessible. But a fire extinguisher was obstructed by a big blue recycle bin, the team moved it away a few feet to avoid the obstruction.

The basement:
No active labs found and not accessible.

A question/to-be-clarified:
There are some “desk areas” with coffee cups and/or food/snack wraps in room 101 and 104. EHS – are “desk areas” inside a lab considered as lab areas or desk areas?