Team 1 safety inspection

09/28/12

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General:

- All laboratories have up to date chem tracker signs, emergency response guides, and PPE assessments
- All laboratories had fire extinguishers last inspected in 9/2011

Electronics shop; Al Takeda

- General clutter all around benches may be of concern
- No eye wash or shower station in the near vicinity

Hau Laboratory; Rui Zhang

- Rui was not present for inspection, but a fellow lab member showed the team around
- Emergency response guide location may be better suited in the respective labs as opposed to the corridor that separates Cruft 110 and 111
- Cruft 116
  - laboratory blender may need a no food sign
  - there is a chemical fire extinguisher on a portable cart
  - it would be good to put one of the green hazardous waste stickers on the secondary container though there is a similar sheet on the outside of the hood
  - lab member who guided team did not know where goggles were
- Cruft 110
  - General clutter and loose hanging wires should be addressed
  - There are loose alumina posts in a corner that could pose a threat without properly secured restraints
  - An oscilloscope has coaxial cables that ran across the lab on the floor for a portable piece of equipment that was not in use
- Cruft 111
  - There is an orange extension cord that is in permanent use
  - There is a voltage controller on the floor next to water reservoir
    - Two water chiller reservoirs in secondary containers that may not be ample for the volume contained in primary container
  - Many hanging wires that could be organized with zip ties
  - Clutter and empty cans on the floor beneath benches

Hansel laboratory; Carolyn Zeiner

- There are some chemicals on the floor and clutter in back room of ESL305
- There is a flammable gas mixture with 10% H\textsubscript{2} that is used in a regular enclosure with no alarm or explosive protection
- There is no appropriate PPE, such as cryo gloves, for freezer that operates at -80 \degree C
- There is an ice machine that may need a no food sign