

Stanley Hall Safety Committee Agenda

11:00 am -12:00 noon, Wednesday, December 9, 2009

Room 177 Stanley Hall

[Safety Committee and DSC Comments in Green]

1. Planned Electrical Outage – Friday Dec. 11, 2009 *Thom Opal 5 min.*

- Close chemical containers, and fume hood sashes
- Room air pressure imbalances may make it difficult to exit lab
- If you use an extension cord, be sure it is properly rated for current (14AWG 15A, 12AWG20A)

2. Incidents, Concerns, and Corrective Measures *All Attendees; 15 min.*

Fire in drying oven where plastics were expressly prohibited: use new ovens on B2 and 4

Note: related to drying oven fire, please prepare for a discussion on use of drying ovens for plastic lab ware

- What type of plastics used [i.e. specific materials]?
- How much oven space is needed?
- How quickly are dry pieces removed from ovens?

Chemical Release – perchloric acid/hydrogen peroxide/organic gel/heat

Chemical Spill – phenol. Leave area/tell others first, evaluate if you can safely approach, call 326-0496, wear PPE (not dust mask), spill kit by North elevator lobby E-Response room.

Chemical Spill – 2-mercaptoethanol. Smells like a gas main has burst.

Unwanted Fire Alarms (3)

3. Results of EH&S and Self-Inspection Programs *Thom Opal 25 min.*

Trash in labs, Chemical Inventory Updates, Fume Hood Clutter, Emergency Eyewash/Shower Monthly Test, Refrigerator/Freezer/Deli Cases no-flammables and no-food stickers

- Lab Coats service - Mission Linen Fitting 12/15 9-12; 12/16 1-4
- Vacuum System Traps
- SOPs Cost of UCLA Fatality \$32,000 so far (plus death of student, suffering of family and loved ones. Identify high-hazard activities, develop SOP, and train employees (make sure to document the training). Some topics:
 - Handling Concentrated Corrosives
 - Phenol/Chloroform
 - Ethidium bromide
 - Piranha Solutions
 - Changing UV Light in Biosafety Cabinet
 - Flame sterilization (with ethanol)

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- Cleaning Glassware with KOH
 - Handling Liquid Nitrogen
 - Chemical Storage
4. Safety Coordinator Announcements *Thom Opal 10 min.*
- Stanley Hall-Berkeley FaceBook Page: become a friend to view the latest Building information (events, repairs, incidents, etc.)
 - Upcoming furlough and energy curtailment 12/23-1/6; call 510-326-0496:
 - Order Rad Materials now – they won't be delivered then
 - No chemical or medical waste pickup; freeze med waste
 - No hazmat shipping
 - Call UCPD (2-6760; 642-3333 or 911) for chemical spill assistance
 - Use the buddy system – don't do hazardous work alone
 - Automatic External Defibrillator (AED) Installation; UHS/EH&S
 - Transporting chemicals within building: close container, use secondary containment (reagent carrier or tray/cart)
 - Christmas trees in Campus buildings must be treated with fire retardant
5. Agenda Items for Next Meeting (11-12 Wednesday, 3/10/10, room 177) *All Attendees; 5 min.*

Number one risk: DRIVING- Be very careful!!!

Handouts:

Space Heaters in University Buildings EH&S Fact Sheet

Proper Use of a Fume Hood

EH&S video: <http://ehs.berkeley.edu/media/fumehoodQT512.mov>