

EH&S Presents...

LSR Quarterly Meeting

February 15, 2011



Agenda

- Introductions
 - Shipping GMMOs
 - Lab Inspection Update
 - Upcoming Inspections
 - 2010 Inspection Overview
 - Fire Safety
 - Fire Extinguisher Training
-

Shipping Genetically Modified Micro-Organisms

- New Definition for 2011 (IATA DGR):
 - “... *genetic material has been purposely altered through genetic engineering in a way that does not occur naturally*”
- What to do:
 - See hand out
 - Put sticker on box



Lab Inspections Update

Winter 2011

- Physics & Engineering - almost complete
- Environmental Studies – February
- Anthropology – February
- Chemistry - March



Deficiency Correction Notice - Laboratory Safety Survey



UCSC Environmental Health and Safety Programs

Survey Date: June 16, 2002
Industrial Hygiene Services
 EH&S Trailer

Buddy Morris

Please date, initial, and return this page to EH&S as soon as all items are corrected or by June 23, 2002.

Inspection Details:	Severity Risk Rank:	Days to Correct:	Correct by Target Date:	Corrected? Corrected?	Corrected: (date/initial)
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Records and Documentation - IIPP

Lab Group

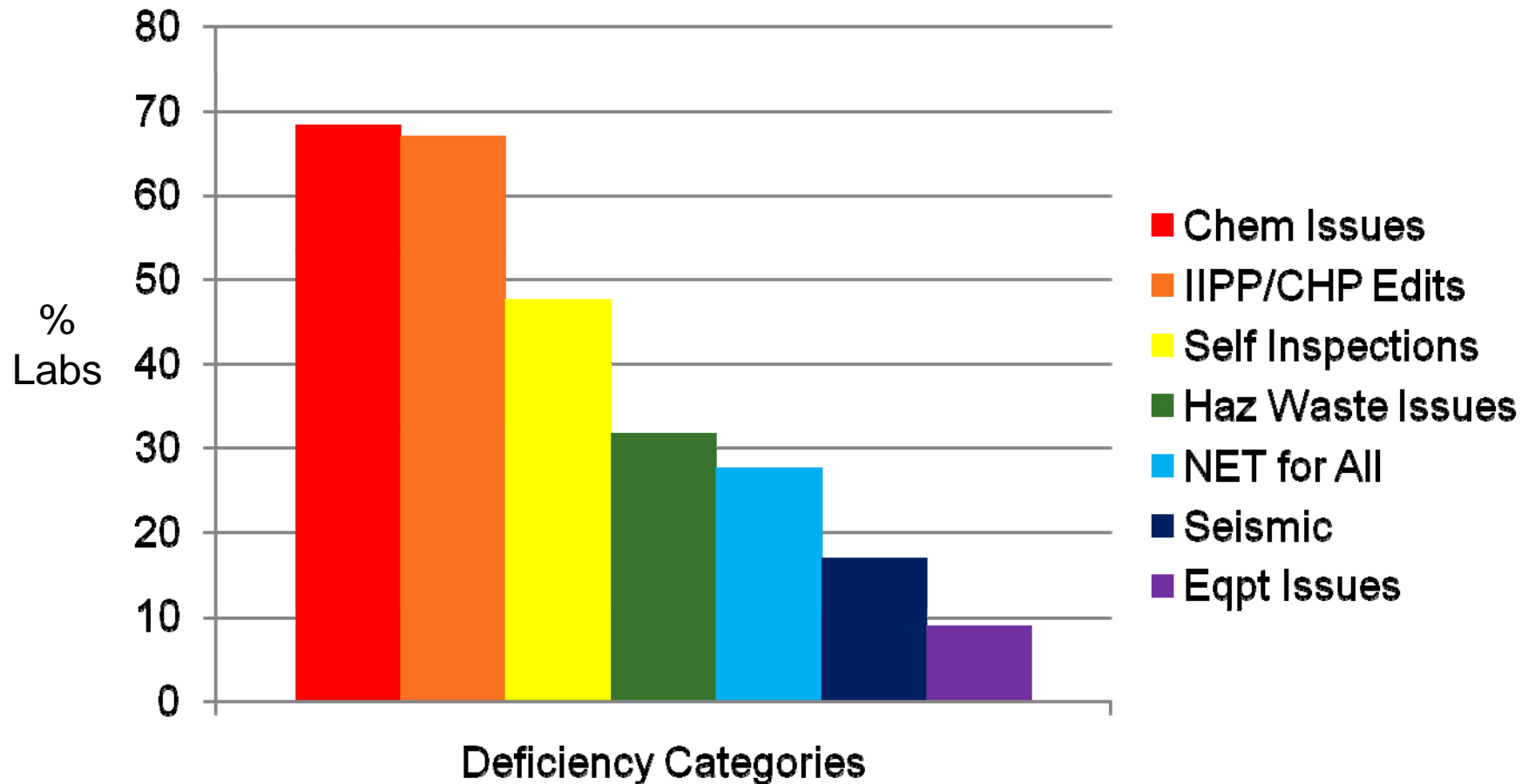
- | | | | | | |
|-----------------------------------------------------------------------------------------|-------------|---|----------|----|-------|
| 1. Safety training required for your operations has not been provided to all employees. | High | 5 | 7/4/2002 | No | _____ |
|-----------------------------------------------------------------------------------------|-------------|---|----------|----|-------|

Lab Standard Compliance

Lab Group

- | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------|-------------|----|-----------|----|-------|
| 2. Chemical wastes are not properly managed in the lab. | High | 5 | 6/23/2002 | No | _____ |
| 3. Chemical wastes are not properly managed in the lab. | High | 5 | 6/23/2002 | No | _____ |
| 4. Flammable chemicals are stored close to sources of ignition. | High | 5 | 7/6/2002 | No | _____ |
| 5. Flammable chemicals are stored close to sources of ignition. | High | 5 | 7/7/2002 | No | _____ |
| 6. Chemicals which are potentially very hazardous (explosive, reactive, carcinogenic, etc.) are not being properly managed. | High | 5 | 7/6/2002 | No | _____ |
| 7. Facilities Inappropriate for Work Activities | Med | 14 | 7/16/2002 | No | _____ |
| 8. Facilities Inappropriate for Work Activities | Med | 14 | 7/16/2002 | No | _____ |
| 9. Facilities Inappropriate for Work Activities | Med | 14 | 7/16/2002 | No | _____ |
| 10. Old chemicals are being stored. | Med | 14 | 7/15/2002 | No | _____ |
| 11. Excess quantities of flammable liquids are stored in the lab. | Med | 14 | 7/15/2002 | No | _____ |
| 12. Glass waste containers are not properly managed in the Lab. | Med | 14 | 7/2/2002 | No | _____ |
| 13. Glass Trash Containers not used. | Med | 14 | 7/2/2002 | No | _____ |
| 14. Switch cover is missing. | Low | 30 | 8/1/2002 | No | _____ |
| 15. An electrical cord is not properly channelled. | Low | 30 | 8/1/2002 | No | _____ |
| 16. The boiler permit on the autoclave is expired. | Low | 30 | 8/1/2002 | No | _____ |
| 17. Shelves do not have restraints to prevent items from falling. | Low | 30 | 8/1/2002 | No | _____ |
| 18. Equipment such as book shelves, cabinets, or storage shelves are not seismically braced. | Low | 30 | 8/1/2002 | No | _____ |

2010 Lab Inspection Summary



Equipment Issues

- Immersion circulators in plexi tanks w/inadequate overtemp/drybath protection
 - Hotplates - uncontrolled heating
 - Wrong fuse – need exact replacement, not just same V
 - Partially inserted power plugs
 - Lab bench clutter
 - New eqpt field wiring – check ampacity ratings (ice machine)
 - Imported eqpt designed for different V supply
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2009 Cyclohexane Fire



2004 Sinsheimer Fire



2003 Thimann Hot Plate Fire



2003 Thimann Raney Nickel Fire



2003 Thimann Alcohol Fire



2002 Sinsheimer Fire



2002 Sinsheimer Fire, cont'd



2002 Sinsheimer Fire, cont'd



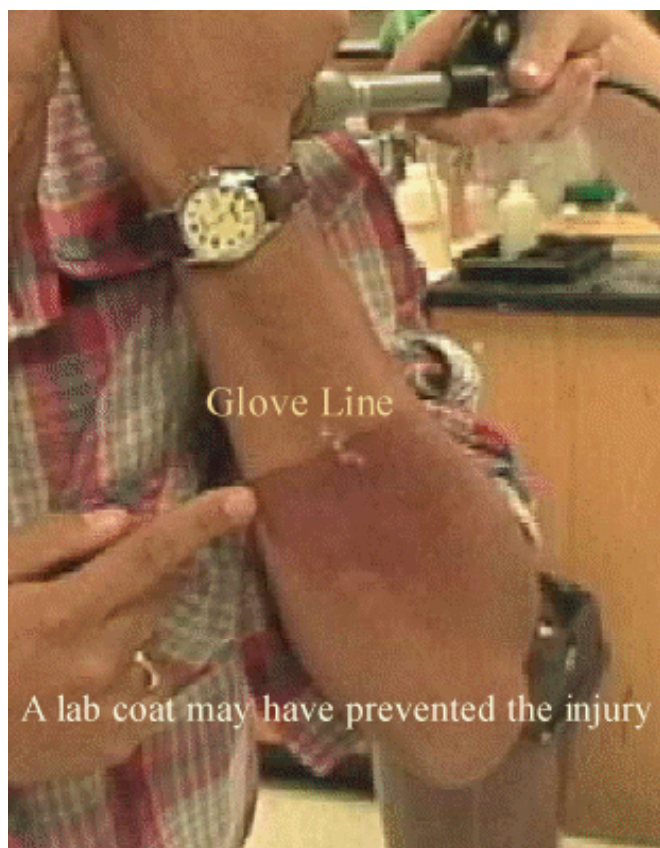
2002 Sinsheimer Fire, cont'd



1999 Sinsheimer Fire



1999 Sinsheimer Fire



Fire Safety



Fire Safety

- UCSC Fire & Electrical Safety Self Inspection Form



UCSC Fire Department

