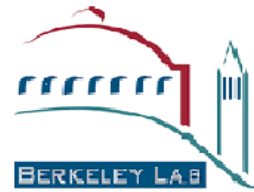


Updates



- **Power Outage**
 - B070/070A/050
- **Construction**
 - Steel coming
- **Lab Gates**
 - Grizzly 10/23 – 10/24
 - Strawberry November 4th
- **Great Shake-Out**
 - Thursday 10/17
 - 100% Check-In

Lessons Learned



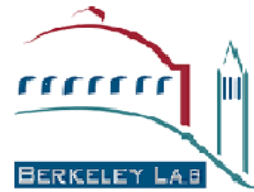
Importance of Proper Handling and Storage of Moisture-Sensitive Chemicals

- Gallium (III) chloride (GaCl_3) was transferred from the manufacturer's purged glass ampoule to a high-density polyethylene (HDPE) container and stored in a chemical storage cabinet. Over time, the GaCl_3 absorbed atmospheric moisture, which led to the fuming of gaseous hydrogen chloride (HCl) and generation of a corrosive sludge.
- Initially, it was expected that the chemical would be used frequently, and therefore, permeation by atmospheric moisture would not pose a problem.

Actions to Prevent Recurrence

- Evaluate chemicals to ensure they adhere to the proper storage conditions based on the hazards and manufacturer's recommendations
- Periodically inspect stored materials to detect any potential issues or leaks.
- If a project will be paused for an extended period, ensure that all equipment and chemicals are left in a safe state.
- Maintain a questioning attitude

Lessons Learned



Hernia Injury from Ergonomic Strain

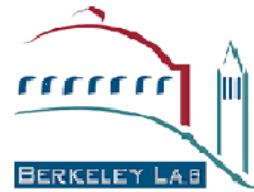
- An employee experienced abdominal pain while installing a heavy (34 lbs., 11'6" x 5") sound curtain that required stretching and reaching from an elevated position. This ergonomic hazard led to a significant injury that required surgery.
- The injury was attributed to ergonomic stress, specifically the strain from the employee's posture and movements while on the ladder.
- Although a pre-job walkdown was conducted and an additional helper was assigned to the task, ergonomic risks were not taken into consideration.

Actions to Prevent Recurrence

- **Equipment:** Assess the task to determine if specialized equipment, such as lifts or hoists can reduce manual handling and strain.
- **Safety:** Prioritize safety and encourage employees to report hazards and suggest improvements.
- **Ergonomic Assessments:** Evaluate the work to be performed to identify ergonomic risks and make any necessary adjustments
- **Work Planning:** Break down repetitive tasks into smaller steps and ensure workstations are set up to minimize uncomfortable postures and movements.

EHS0062 WorkSmart Ergonomics (Zoom)

Safety Day Reminders



1. WPC

- Worker Status
- Renewals (ALs)
 - 23 Overdue / 5 Coming Due
 - 10 are Risk Level 1 or 2

2. Training

- Review your profile (training.lbl.gov)
 - Ergo

3. Inspections

- Office and Lab(s) – None received from B055 / B064
- Checklists returned to DSC (Only one per room please)
 - Scan and email, text picture (510-704-3101), or mail hard copy

Questions?

