



U.S. DEPARTMENT OF  
**ENERGY**



**UNIVERSITY OF  
CALIFORNIA**

# Foundry Explosion and Flood

- Sodium amide was found by EHS searching CMS for peroxidizable chemicals.
- Found that bottles had not been managed for years.
- Contractor brought in to quench but upon opening the first bottle it exploded setting off the hood fire sprinkler.
- Take away –
  - Keep track of all of your time sensitive chemicals
  - Manage them properly
  - Dispose as soon as no longer needed

# Sound Exposure from Gas Cylinder

- Researcher was exchanging regulator from low cylinder to a full cylinder.
- After attaching regulator to new cylinder, a loud noise from gas release occurred 1 to 1.5 feet from right ear.
- Regulator was taken out of service.

## Take away -

- Get help if tanks are too heavy for you.
- Make sure tanks are secure.
- Inspect all threads and fittings for wear.
- Make sure tank and regulator are closed before repressurizing.

# Filling out Waste labels

**B2** **HAZARDOUS WASTE**

**HANDLE WITH CARE!**

Generator \_\_\_\_\_ Phone # \_\_\_\_\_  
Building \_\_\_\_\_ Room \_\_\_\_\_

Contents \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
SAA start date \_\_\_\_\_  
WAA receipt or accumulation start date\* \_\_\_\_\_

**HAZARDOUS WASTE HANDLING FACILITY USE ONLY**

HWHF receipt date \_\_\_\_\_  
Disposal requisition # \_\_\_\_\_  
Sample analysis # \_\_\_\_\_

**Hazardous properties**  
*Check all that apply*

Toxic  
 Corrosive  
 Ignitable  
 Reactive  
 Other \_\_\_\_\_

Waste form

Solid  
 Liquid  
 Gas

\*Receipt Date from SAA or Accumulation Start Date in the WAA  
Lawrence Berkeley Laboratory #1 Cyclotron Rd., Berkeley, CA 94720

# Periodic Review WPC Activities

- Compare WPC activities to current work. Do activities cover all current work being done? Do you need a new WPC Activity?
- Check for out of scope work, or outdated WPC activity.
- Review uploaded SOPs and handouts for being outdated.
- Update hazards: Current hazards are selected, outdated hazards removed.
- Check info in Orange Waffles for accuracy.
- Review worker list. Delete former researchers. check authorization level and restrictions.

# Self Transport of Compressed Gases

- Staff can transport most gases by personal vehicle (not pyrophoric or toxic gases)
- Need WPC, SDS, Materials of Trade paperwork, & EHS0657 training
- Properly packaged, secured
- Properly labeled

