



Lawrence Berkeley
National Laboratory

Berkeley Lab Training Program

EHS 0103 Working Safely With Compressed Gas

Course Syllabus

Subject Category: Gas Safety
Course Length: 30 minutes
Delivery Mode: Online

Course Prerequisite: No
Medical Approval: No

Course Purpose: This course gives you an understanding of the hazards of working with compressed gas cylinders and the most common ways to reduce your risk.

Who training is for: This course is for researchers who work with compressed gas cylinders at Berkeley Lab.

Objectives:

This course is meant to give you an understanding of the hazards of working with compressed gas cylinders and the skills to protect yourself and others while performing your work.

After successfully completing this course, you should be able to:

- Identify gas cylinder contents and pressure
- Transport cylinders safely
- Segregate incompatible gas types
- Find out the maximum safe pressure for your experimental system
- Recognize the activation of a pressure relief device as a warning that something is wrong
- Recognize when you may have a leak
- Use Snoop to locate a leak
- If your lab has a leak-detection monitoring device installed, know what to do if the alarm activates
- Properly dispose of an empty cylinder
- Contact your activity lead if any modifications to your apparatus or replacement parts are needed

Training Compliance Requirement: Pub 3000, Chapter 13.

Retraining/Recertification: One-time training

WEB Resource: <http://training.lbl.gov/bltCourses.html>