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Environment, Health, & Safety  
Training Program

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**EHS 0231 ~ Compressed Gas and Cryogen Safety**

**Course Syllabus**

**Subject Category:** Compressed Gas and Cryogen Safety  
**Course Length:** 3 hours  
**Delivery Mode:** Web-based Training

**Course Prerequisite:** No  
**Medical Approval:** No

**Course Purpose:** This course is designed to provide information to enable employees/students to safely work with compressed gasses in “typical” bottled gas applications or similar, at working pressures up to 150 psig; can safely assess the pressure hazards associated with vacuum systems; and can safely work with cryogenics such as liquid nitrogen and liquid helium.

**Course Objectives:**

- Develop an appreciation of the hazards presented by pressure systems
- Explain Berkeley Lab requirements for working with simple pressurized gas systems, cryogenics, and vacuum systems
- Explain when additional controls are needed
- Locate additional safety resources

**Subject Matter Expert:** Joe Dionne

**Training Compliance Requirements:** 29 CFR 1910.169, 29 CFR 1926.35

**Performance Criteria:** Employees will be asked to demonstrate what they have learned from the web-based training by taking a quiz at the end of the course. Employees must pass the quiz with a 80% score to receive course credit.

**Retraining/Recertification:** No

**WEB Resource:** Pub - 3000, Chapters 7 and 13.