Subject Category: Compressed Gas and Pressure Safety  
Course Prerequisite: No  
Course Length: 2.5 hours  
Medical Approval: No  
Delivery Mode: Web-based Training  
Schedule: N/A  
Location/Time: N/A  

Course Purpose: This course is designed to provide information to enable employees/students to:  
1. Safely work with compressed gasses in “typical” bottled gas applications at working pressures up to 150 psig  
2. Assess the hazards associated with pressure vessels and vacuum systems.

Course Objectives:  
• Understand the hazards related to use of compressed gas systems  
• Review LBNL’s requirements for simple gas pressure systems and vacuum systems  
• Discuss what and when additional hazard controls are necessary for pressure systems and vacuum systems

Course Instructional Materials:  
• Web-based Presentation

Instructors: Joe Dionne

Training Compliance Requirements:  
• 1910.101, Compressed gases (general requirements)  
• 1910.102, Acetylene  
• 1910.103, Hydrogen  
• 1910.104, Oxygen  
• 1910.105, Nitrous oxide  
• 1910 Subpart M, Compressed gas and compressed air equipment  
• 1910.169, Air receivers

Course Handouts:  
• None

Participant Evaluation: 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 an 80% score to receive course credit.

Written Exam: Yes  
Practical Exam: No  
Retraining/Recertification: No


Revised 3/2/2010