



**Environment, Health, & Safety
Training Program**

**EHS 274 – Confined Space Entry – Refresher Training
Course Syllabus**

Subject Category: Industrial Hygiene

Course Length: 1-3 hours

Delivery Mode: Classroom

Frequency: Every 3 years, or more frequently as needed.

Course Prerequisite: EHS 0275

Medical Approval: None

Instructor: Mark Schmidt, CHST, CHMM, REM Confined Space Program Manager.

Course Purpose: The purpose of this refresher course is to help to ensure that employees who may enter Permit Required Confined Spaces have the requisite knowledge and skills to do so safely and in accordance with the requirements of LBNL's Confined Space Program.

Training Compliance Requirements: 29 CFR 1910.146 (g) and 29 CFR 1926.1200 Subpart AA
EHS 274 is required whenever there is a change in the Confined Space Program; the Program Manager believes that there are deviations from the LBNL procedures; or, inadequacies in employee knowledge or use of procedures.

Learning Objectives:

After completing this training the successful student will be able to:

- Identify the characteristics of Non-permit Confined Spaces, and Permit-required Confined Spaces.
- Identify potential hazards associated with confined spaces.
- Describe the LBNL procedures for safe entries into confined spaces.
- Use the Confined Space Inventory to find Safe Work Procedures.
- Identify the acceptable ranges for the atmosphere conditions measured by the four gas meter.
- Work as a team to identify confined space hazards and controls using a classroom exercise.
- Describe any recent changes to the program.

Subject Matter Expert: Mark Schmidt, CHST, CHMM, REM Confined Space Program Manager.

Course Instructional Materials: PowerPoint presentation of all changes that have been made to the written program, procedures, and changes required in the actions and behaviors of employees who may enter Permit Required Confined Spaces. Team exercise to practice the knowledge and skills necessary for safe entry into confined spaces and reinforce any changes to the program or procedures.

Exam or Assessment: To receive credit for this training, students must earn an 80% score on a written exam or other means of evaluation by instructor.

Practical Exam: No.

Course Evaluation: Course evaluations are provided to students to evaluate course and instructor.

Web Resource: EH&S Confined Space Web Page @ http://www.lbl.gov/ehs/ih/programs/confined_space.shtml
EH&S Training Program web page @ <http://www.lbl.gov/ehs/html/training.htm>