

## Confined Space Entry: Out in the open

**Audience:** All employees who work as entrants or attendants in a permit required confined space or have responsibilities under your confined space entry program.

**Average Training Time:** 30 to 60 minutes

**US Code of Federal Regulation Reference:** Title 29, Part 1910, Section 132

**Format / Product Code:** CD-ROM (MPEG Video)/ *CLCSEMPG*

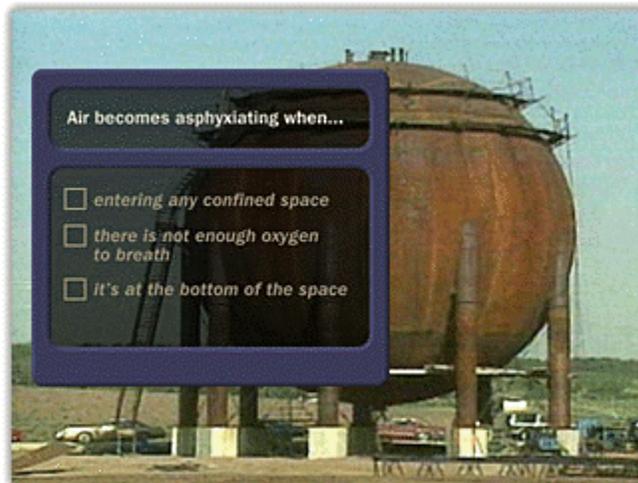
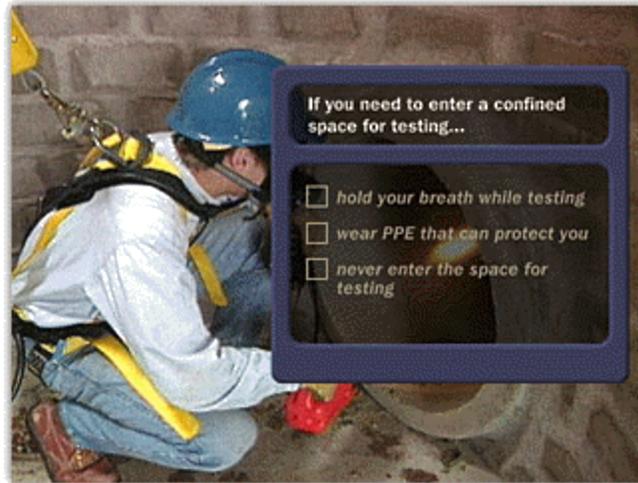
**Produced by:** Mastery Technologies, Inc.

**Mastery interactive version based on original video content produced by:** Comprehensive Loss Management, Inc.

### OVERVIEW

This course teaches the concepts necessary to work safely in a confined space as an entrant or outside the space as an attendant. Twenty-nine interactive activities assess your worker's understanding of the key learning objectives and let them apply what they've learned in a safe environment. Your workers will learn what a confined space is, the hazards they may face, and how to protect themselves. Your workers will be able to properly prepare the space for entry, make a safe entry, perform their duties as attendant, and know what to do in an emergency.





## TOPICS

The course presents interactive instruction covering the following topical areas:

### What Is A Confined Space?

- Defining a Confined Space
- Asphyxiating Atmospheres
- Toxic Atmospheres
- Flammable or Explosive Atmospheres
- Mechanical Hazards
- Physical Hazards
- Engulfment

### Protecting Yourself

- Precautions
- The Entry Permit

### **Entry Preparation**

- Isolating The Space
- Explosive Atmospheres
- Cleaning Residue
- Air Testing
- Atmospheric Hazards
- Personal Protective Equipment

### **Entering The Space**

- The Attendant
- The Entrant

### **Rescue Techniques**

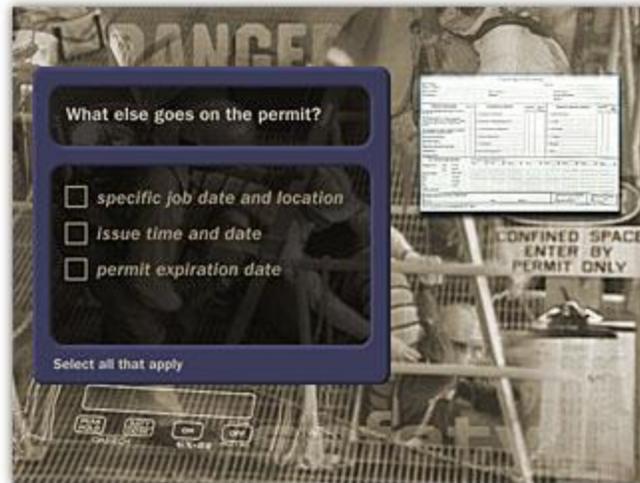
- Understanding the Rescue Process
- Non-Entry Rescue
- Entry by Others
- Entry by Trained Company Employees

## **PERFORMANCE OBJECTIVES**

This course will measure mastery on each of the following performance objectives. Upon completion, workers will be able to...

### **Recognize confined space hazards**

1. Identify types of hazards in confined spaces.
2. Choose reasons why oxygen could be depleted.
3. Recognize flammable and explosive atmospheres as confined space hazards.
4. Choose examples of engulfment hazards.
5. Identify an example of a mechanical hazard in a confined space.



6. Identify falls and excessive noise as confined space hazards.
7. Define a confined space.

### **Use proper controls for confined space entries**

1. List steps to protect yourself from confined space hazards.
2. Describe the entry permit.
3. Select information included on a confined space entry permit.
4. Explain what to do if a permit expires before work is complete.

### **Properly prepare for confined space entry**

1. State the first step in entry preparation.
2. Choose examples of proper entry preparation.
3. Agree to check the permit to help identify potential hazards.
4. Explain how to isolate a confined space from chemical process hazards.
5. Agree to clean all tanks or vessels that contain hazardous residues before working in a confined space.
6. List types of personal protective equipment you may use in a confined space.

### **Use proper testing techniques for confined spaces**

1. List necessary steps of air testing.
2. Choose the correct order for testing gases.
3. Recall the need to wear appropriate personal protective equipment if testing must be done in a confined space.

### **Use proper confined space entry procedures**

1. Differentiate between the entrant and the attendant.
2. Select the area where the attendant should be stationed.

3. Identify attendant responsibilities.
4. Identify entrant responsibilities.

### **Follow proper confined space rescue techniques**

1. Recall that 60% of confined space deaths involve people trying to rescue other injured people.
2. List the three types of confined space rescues.
3. Agree that if a non-entry rescue is not possible, trained people must perform the rescue.
4. List the requirements of an on-site rescue team.

