

COURSE OUTLINE

INSTRUCTOR-LED TRAINING OUTLINE

Confined Space Entry for Construction & General Industry

For the classroom requirements of:

General Industry (29 CFR 1910.146);

Construction (29 CFR 1926, Subpart AA);

Agriculture (29 CFR 1928); Shipyards (29 CFR 1915); Marine Terminals (29 CFR 1917); Longshoring (29 CFR 1918); and ANSI/ASSE Z117.1-2016: *Safety Requirements for Confined Spaces*

Overview:

Our *newly-updated* **Confined Space Entry** training course takes the mystery out of **Confined Spaces**, and brings clarity **to workers in Confined Space operations**.

The course builds upon the basics of Confined Spaces, such as OSHA Standards and nationally-recognized institutions that govern Confined Space procedures. We then define the types of Confined Spaces, which leads to specific requirements upon Employers to classify the Space, evaluate its hazards, and identify methods for controlling those hazards prior to Entry into the Confined Space.

This course includes a comparison of the General Industry Standard with the **revised Construction Standard's Subpart AA**, which strengthened Confined Space requirements as part of OSHA's continuing efforts to improve worker protection.

Course Outline (CSE-1901):

1. Introduction to Confined Spaces

- A. Definition of a Confined Space
- B. Basics of Confined Space
- C. Two Standards for Confined Space

2. Institutions Affecting Confined Spaces

- A. Standards, Regulations and Recommendations

3. Types of Confined Spaces

- A. Classification of Confined Spaces
- B. Examples of Confined Spaces
- C. Tasks in Confined Spaces

4. Permit-Required Confined Spaces (PRCS)

- A. PRCSs Pose Increased Risks
- B. PRCS Program
- C. Entry Permit System and Process

5. Roles and Responsibilities for Confined Spaces

- A. Confined Space Roles
- B. Types of Employers
- C. Roles and Titles Defined by OSHA

6. Training for Confined Spaces

- A. Training Requirements per OSHA
- B. Training Requirements per ANSI



COURSE OUTLINE

- 1. Atmospheric Hazards in Confined Spaces**
 - A. Definitions and Types of Atmospheric Hazards
 - B. Testing and Monitoring Requirements
 - C. Testing and Monitoring Devices

- 2. Other Hazards in Confined Spaces**
 - A. Chemical Hazards
 - B. Physical Hazards
 - C. Thermal Hazards
 - D. General Safety in Confined Spaces

- 3. Controlling Confined Space Hazards**
 - A. Confined Space Site Controls
 - B. Hierarchy of Controls
 - C. Respiratory Protection Program
 - D. Fall Protection
 - E. Backup Controls

- 4. Concentrations and Exposure Limits for Confined Spaces**
 - A. Primary Sources of Standards
 - B. Measurements and Exposure Limits

- 5. Health Effects and Exposure Symptoms for Confined Spaces**
 - A. Adverse Effects of Chemical Hazards
 - B. Adverse Effects of Biological Hazards
 - C. Adverse Effects of Thermal Hazard

FINAL EXAMINATION

