



Course Syllabus – Confined Space for Entrants and Attendants

Audience

All employees performing confined space duties

Presentation Method

CBT – Computer Based Training

Training Duration

Student paced – Approximately 60 minutes

Course Summary

Training will inform employees of the duties of confined space entrants, attendants, and entry supervisors, as well as the hazards associated with confined space entry, permitting procedures, approval process, and measures necessary for protection, atmospheric monitors, testing, and use, emergency response and evacuation. This course will also introduce general confined space safe work practices as well as the necessary definitions to operate safely in the confined space. As required by OSHA 29 CFR 1910.146 and 1926 Subpart AA.

Subject Matter

- ❖ Permit vs. Non Permit-Required Confined Space
- ❖ Hazard Control Methods
- ❖ The Permit Space Program
- ❖ The Entry Permit
- ❖ Alternate Procedures
- ❖ Personal Protective Equipment
- ❖ Entry Procedures
- ❖ Hazardous Atmospheres
- ❖ Testing Procedures
- ❖ Atmospheric Testing
- ❖ Confined Space Duties
- ❖ Methods of Communication
- ❖ Training
- ❖ Rescue Services

Objectives

Upon completion of training, employees will know how to:

1. Identify conditions used to define a confined space.
2. Distinguish between permit required and non-permit required confined spaces.
3. Determine requirements for using alternate entry procedures.
4. Recognize what the potential hazards may be in a confined space and identify methods to control hazards.
5. Identify the reasons for atmospheric monitoring.
6. Describe why calibration of gas detection equipment is necessary.
7. Define how a bump test is used to determine the accuracy of gas detection instruments.
8. Understand the need for full calibration of gas detection instruments.
9. Identify the atmospheric elements to be tested and the order of testing.
10. Identify the importance of oxygen levels.
11. Define UEL and LEL and their importance.
12. Define IDLH atmosphere.
13. Identify when confined space testing must be completed.
14. Identify response to unacceptable test results for confined spaces.
15. Describe possible mode, signs, symptoms, and consequences of exposure to hazardous atmospheres.
16. Identify elements required by OSHA for a permit space program.
17. Select items that must be included on confined space permits.
18. Define requirements and imitations for personal protective equipment (PPE).
19. List or select key duties of a confined space entrant and attendant.
20. Define requirements and limitations for confined space rescue arrangements.
21. Select appropriate responses for work situations involving confined spaces (I.E. emergency conditions outside the space, unauthorized persons in area, changes in atmospheric monitoring readings, etc.).

Measurement Device

Test – 50 questions, 70% to pass