



Department-Approved Course Requirements: 1-Hour Confined Space Entry

Course Required for:	<input checked="" type="checkbox"/> Worker Training
Purpose:	This course is a specialized elective course that can help fulfill the requirement for an individual applying for a Site Safety Training Card. THIS IS AN AWARENESS LEVEL TRAINING ONLY and does not provide any other qualification or authorization outside of the Site Safety Training Card.
Duration:	1 Hour of instructional time, excluding breaks
Class Size:	1-40 Trainees
NYC Requirement:	In order to continue to operate in the City of New York, the designated construction worker is required to complete a minimum number of hours of approved site safety training and to carry site safety identification cards as proof of completion of the training (As per New York City Local Law 196 of 2017 also known as 'LL196' or 'Local Law'). This course provides one hour towards the satisfaction of that requirement.
Facility Requirements:	<p>The Training Facility used by the Course Provider must:</p> <ul style="list-style-type: none">• Have sufficient room to accommodate all expected attendees and the equipment needed to perform hands-on exercises where required as part of the course.• Make provisions for the presentation of training material in all media types (computer, projectors, video/DVD players, etc.); and• Comply with all applicable laws, rules and regulations relating to occupancy, zoning, egress, fire detection, fire suppression, light, ventilation, cleanliness, sanitary facilities, emergency notification and evacuation procedures. <p>Training may be held at construction sites, provided the above requirements are met.</p>
Instructor Requirement:	<p>To deliver this course the instructor(s) must demonstrate that he or she is credentialed or trained in instructional methods and learning processes. The instructor(s) must also successfully demonstrate his or her ability to solve or resolve problems relating to the subject matter by possession of a recognized degree, certificate, licensure or professional standing, or by extensive knowledge, training, and experience, in the subject matter being taught. To the extent that the course instructor(s) holds, or has held, a trade license issued by the Department, it must be in good standing and not be surrendered to, suspended by or revoked by the Department.</p> <p>The instructor(s) must also be authorized by the Occupational Safety and Health Administration ('OSHA') as a trainer(s) for its Construction and Outreach Program.</p>
Curriculum Requirement:	All topics listed under Course Content Outline must be covered using the listed Instructional Delivery Method . The time dedicated to each outline topic should be appropriate for the course content and can vary depending on the trade or job performed by the trainee. The Instructional Delivery Materials used in this course must contain all current applicable NYC Construction Code references, current rules, policies and bulletins.

**Course Curriculum
Proposal Package
Review:**

A comprehensive review will be performed by the **Department of Buildings** to determine compliance with these Course Curriculum Requirements.

Instruction Delivery Method

Media: Instructor will guide trainees through tabletop Confined Space and Permit Required Confined Space scenarios.

Handouts: Slides, references and handbook

Guided Learning: Instructor will guide trainees through tabletop Confined Space and Permit Required Confined Space scenarios.

Course Content Outline

1. Introduction
 - a. Instructor introduces topic and describes their qualifications and relevant experience for training this module.
 - b. Establish that all trainees can hear and fully understand you i.e. 'raise your hand if you fully understand me' or 'clap your hands if you fully understand me'
 - c. State basic classroom rules, bearings and decorum
 - i. Inform trainees of duration or training and breaks (if any)
 - ii. Remind trainees about limiting distractions (phone use, texting, sidebar conversations)
 - iii. Emergency procedures (location and means of egress, exits or other contingencies)
 - iv. Location of restrooms
 - d. Training Objectives and Expectations:
 - i. Trainees will become generally familiar with confined spaces and permit required confined spaces and recognize such spaces.
 - ii. Trainees should become aware of administrative regulatory safety requirements associated with confined spaces.
 - iii. **THIS TRAINING WILL NOT TRAIN WORKERS TO ENTER CONFINED OR PERMIT REQUIRED CONFINED SPACES**
2. Define OSHA's definition of a Confined Space with its 3-criteria and provide illustrative examples
 - a. Refer to CFR 1926.1200, which excludes excavations; yet trenches are considered confined spaces
 - b. Define OSHA's definition of a Permit Required Confined Space and provide illustrative examples
 - c. Emphasize how construction and demolition operations spontaneously create Confined Spaces and Permit Required Confined Spaces could be spontaneously created
 - d. Statistically illustrate that multiple fatalities in Permit Required Confined Spaces are common and how would-be rescuers are often at risk
3. Describe host employer and controlling employer responsibilities
 - a. Describe Competent Person for Permit Required Confined Spaces in Construction Industry CFR 1926.1200
 - b. Describe mandatory Competent Person and Host Collaboration (if no host or owner this responsibility devolves to the Controlling Employer)
4. Graphically illustrate and provide Examples of Criteria for Confined Spaces
 - a. Large enough to enter and perform work

- b. Limited means of entry
 - c. Not designed for human occupancy
5. Graphically illustrate and provide Examples of Criteria for Permit Required Confined Spaces
- a. Hazardous Atmosphere
 - i. Oxygen Deficiency and Oxygen Enrichment
 - ii. Flammable Atmospheres
 - iii. Toxic Atmospheres
 - b. Engulfment Hazards
 - c. Configuration Hazards
 - d. Other Recognized Serious Hazards
 - i. Electrical
 - ii. Struck-by (elevator pits)
 - iii. Caught in between (dangerous equipment, trenches)
6. Describe steps for Control of Hazardous Energy: Lock-out Tag-out
7. Briefly describe the roles and training requirements associated with Permit Required Confined Spaces
- a. Entrants
 - b. Attendants
 - c. Supervisors
8. Permit Require Confined Space Rescue (hierarchy)
- a. Self-rescue
 - b. Non-entry rescue
 - c. Entry rescue
9. The Basic Science of Atmospheric Hazards
- a. Permissible Exposure Limits
 - b. Time Weighted Averages
 - c. Flash Points
 - d. Fire Tetrahedron
 - e. Specific Gravity
 - f. Vapor Density
10. Sample Entry Permit
11. Describe the use of Safety Data Sheets
12. Resources:
- a. OSHA Standards Subpart AA CFR Title 29 1926.1200
 - b. OSHA CFR Title 29 Standards 1910.147
 - c. ANSI Z-244.1
 - d. Worker's Rights (See OSHA: <https://www.osha.gov/Publications/OSHA3146.pdf>)
 - e. OSHA Regional Map: <https://www.osha.gov/html/RAmap.html>
13. Review of all Training Topic with table-top exercise

14. Debriefing (Informal evaluation)

- a. Guided by instructor, trainees, in a class discussion talk about the course's content and means of delivery and provide verbal feedback to the instructor.
- b. Instructor takes notes (either committing them to writing during discussion or ascribing them later into noted-comments).
- c. Instructor applies lessons learned from debriefing to future trainings.

15. Written (Multiple Choice) Assessment