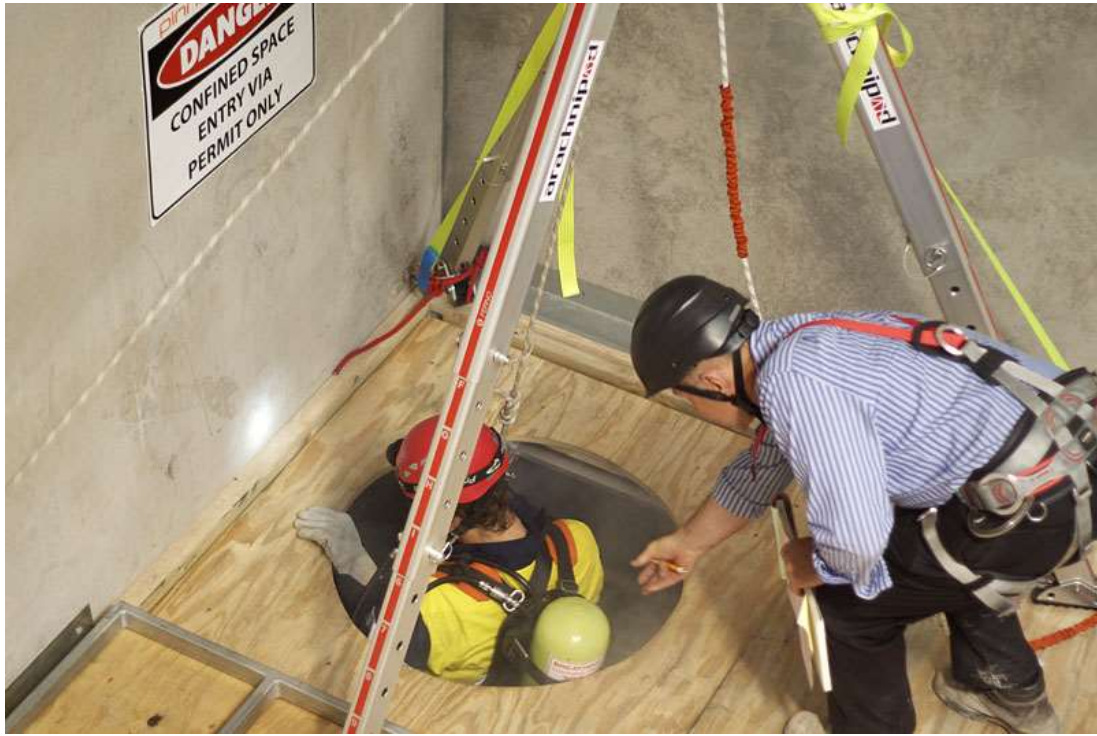




CONFINED SPACE Safety

Course Introduction:

Confined Space Safety course is designed to comply with OSHA's standard for confined spaces, Title 29 Code of Federal Regulations Part 1910.146 "Permit-Required Confined Spaces," which contains the requirements for practices and procedures to protect employees in general industry from the hazards of entry into permit-required confined spaces (i.e., permit spaces). The OSHA Confined Space standard requires employers to develop a written confined space entry permit program and provide employee training in confined space safety.

Course Objectives:

The overall objective of this training module is to provide awareness and general knowledge of Confined Spaces.

At the conclusion of this module, students will be able to:

- ❖ Understand the hazards of confined spaces
- ❖ Become knowledgeable in the OSHA safety standards for safeguarding confined space entries
- ❖ Learn the duties and responsibilities of the confined space entry participants
- ❖ Achieve familiarity with atmospheric testing equipment and entrance equipment

Who Should Attend?

Employees who may enter confined spaces with potential hazards are required to receive confined space safety training.

Course Outline:

The Confined Space course provides information vital to anyone working in or around areas where:

1. The space is large enough and so configured that an employee can enter and perform assigned work
2. The space has limited openings for entry or egress exist, or
3. The space is not designed for continuous human occupancy.

The course highlights include eight topics. These topics include:

- ❖ A brief introduction that highlights causes of mishaps, regulations pertaining to "confined space," minimizing risks associated with working in confined space, and mandatory training requirements
- ❖ A discussion of conditions that contribute to hazards associated with confined spaces
- ❖ Introduction to evaluation and classification of confined space
- ❖ Description of employer responsibilities
- ❖ Description and explanation of permits and forms
- ❖ Explanation of "pre-entry" procedures
- ❖ Identification and description of required equipment
- ❖ Descriptions of atmospheric testing equipment

Chapter 1 - Confined Space Entry Table

- ❖ Introduction
- ❖ OSHA Standard
- ❖ Basic Program

Chapter 2 - Hazards of Confined Space

- ❖ Identifying a Confined Space Hazard
- ❖ Hazardous Atmospheres
- ❖ Oxygen-Deficient Atmospheres
- ❖ Asphyxiating Atmospheres
- ❖ Flammable and Explosive Atmospheres
- ❖ Toxic Vapors and Gases
- ❖ Hazardous Atmospheres Chart
- ❖ Corrosive and Irritant Atmospheres
- ❖ Electrical and Mechanical Hazards
- ❖ Physical Safety Hazards Noise and Vibration
- ❖ Excessive Temperatures
- ❖ Other Confined Space Hazards

Chapter 3 - Confined Space Classifications

- ❖ Introduction
- ❖ Pre-Entry Review and Documentation
- ❖ Written Programs
- ❖ Description of a Permit-Required Confined Space

- ❖ Approved Permit System
- ❖ Pre-Entry Permit Forms Entry Check List
- ❖ Entry Permit Functions
- ❖ Non-Permit Confined Spaces

Chapter 4 - Responsibilities of Confined Space Entry

- ❖ Controls
- ❖ Training
- ❖ Project Manager
- ❖ Field Leader
- ❖ Entry Supervisors
- ❖ Attendant
- ❖ Authorized Entrants
- ❖ Rescue Team Members

Chapter 5 - Pre-Entry Procedures

- ❖ Isolation
- ❖ Purpose of Atmospheric Testing
- ❖ Errors in Atmospheric Testing
- ❖ Monitor and Re-Test
- ❖ Purging/Inserting
- ❖ Ventilation

Post-Test / Competency Exam

Course Certificate:

International Center for Training & Development (ICTD) will award an internationally recognized certificate(s) for each delegate on completion of training.

Course Methodology:

A variety of methodologies will be used during the course that includes:

- (30%) Based on Case Studies
- (30%) Techniques
- (30%) Role Play

- (10%) Concepts
- Pre-test and Post-test
- Variety of Learning Methods
- Lectures
- Case Studies and Self Questionnaires
- Group Work
- Discussion
- Presentation

Course Fees:

To be advised as per the course location. This rate includes participant's manual, and-Outs, buffet lunch, coffee/tea on arrival, morning & afternoon of each day.

Course Timings:

Daily Course Timings:

08:00 - 08:20	Morning Coffee / Tea
08:20 - 10:00	First Session
10:00 - 10:20	Coffee / Tea / Snacks
10:20 - 12:20	Second Session
12:20 - 13:30	Lunch Break & Prayer Break
13:30 - 15:00	Last Session

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