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# **Training Curriculum**

**Confined Space**

**Training**

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# **Training**

## **Confined Space Training**

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### **Training Goal:**

To protect employees from exposures from working in confined spaces

### **Safety Director's Responsibility:**

Assuring that employees will have learned about the contents of a permit required confined space entry permit, their duties as an authorized entrant into a permit - required confined space, the hazard they might encounter upon entry to a permit - required confined space, and the appropriate PPE to use during the entry. Stress the importance of evacuating the space when its conditions change from acceptable to prohibited permit conditions, not entering a permitted confined space until a completed entry permit is present at the site, prohibiting the entry of nonauthorized persons, and communication between the attendant and authorized entrant. Rescue and emergency procedures and personal protective equipment may be separate training sessions, but they both need included in the training of an authorized entrant.

### **Module A: Determine PPE and rescue and emergency procedures**

Contents: Lecture on definitions and use practical workplace examples covering what a confined space is and what a permit- required confined space is. Then, cover the possible hazards they may encounter in your institution's confined spaces. Finally, discuss the entry permit, and their duties as entrants.

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Trainers notes: The training must be certified and the training documentation should contain the employees' names, signature of the trainer, and the date of training.

**Module B:**        **Discuss the requirements of the compliance standard.**

Contents: Lecture to employees so they understand and know the procedures involved in permit space entry, and be able to recognize associated hazards.

**Module C:**        **Describe the entry permit.**

Contents: Lecture on and use handouts to discuss the components of the entry permit which should include, at minimum: space to be entered, purpose of the entry, date and authorized duration of the entry permit, authorized entrants within the permit space, names of personnel serving as attendants, name of the individual serving as entry supervisor, hazards of the permit space to be entered, measures used to isolate the permit space and to eliminate or control permit space hazards before entry, acceptable entry conditions, results of initial and periodic testing performed, rescue and emergency services, communication procedures, equipment required such as personal protective, testing, communication, alarm system, and rescue equipment, other pertinent safety information, and any other work permits such hot work issued to authorize work in the permit space.

Trainers Notes: In order to support the information covered, you may want to distribute a sample entry permit to trainees or fill out an entry permit as an exercise in the training session.

**Module D:**        **Discuss entry permit itself.**

Contents: Lecture employees on how the components of the entry permit

Trainers Notes: Cover how the permit system works and what is on the institution specific permit.

**Module E:**        **Describe the hazards encountered while working in a confined space.**

Contents: Lecture on the hazards which are associated with the confined spaces. Include engulfment by materials contained in the confined space, hazardous atmosphere such oxygen deficient, oxygen enrichment, toxic contaminants, or flammable, and other safety or health hazards.

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Trainers Notes: Cover the signs, symptoms, and consequences for exposure to these hazards.

**Module F:**            **Instruct your workers on the proper use of equipment.**

Contents: Lecture and Hands on Exercises on all equipment used during the confined space entry. In this module, instruct employees on testing and monitoring, ventilation, communication, personal protection, lighting, barriers and shields, safe ingress and egress, emergency and rescue equipment, and all other equipment for the safe entry or rescue from permit space. Cover the donning, calibration, functions, and maintenance of the listed equipment.

Trainers Notes: You may include the information on the personal protective equipment or rescue emergency equipment, or may decide on separate training sessions for them. Have the workers demonstrate their knowledge and skill in using the equipment with a practice exercise.

**Module G:**            **Discuss the communications procedures between entrant and attendant.**

Contents: Lecture on the necessity for the entrant to communicate with the attendant to enable the attendant to monitor the entrant status, and also, for the attendant to alert the entrant of the need to evacuate.

Trainers Notes: Oral and visual communication are the best way to assure optimal safety.

**Module H:**            **Explain the conditions under which an entrant must alert attendant.**

Contents: Lecture on the conditions of when entrant recognizes any warning signs or symptoms of exposure a dangerous situation or when a prohibited conditions occurs.

Trainers Notes: Be sure the attendant is continually observing for hazardous conditions.

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**Module I:** Explain the situations in which an order to evacuate is given.

Contents: Lecture on the situations involving a detected warning sign or symptom of exposure, entrant detects prohibited condition, or an evacuation alarm is activated.

Trainers Notes: Assure employees understand their role in confined space work.

**Module J:** Go over rescue and emergency procedures

Contents: Lecture employees on who will be providing any rescue and emergency services. Demonstrate the retrieval equipment and have trainees don the full body harness, chest harness, or wristlets.

Trainers Notes: Have the workers demonstrate their knowledge and skill in using the equipment with a practice exercise.

**Module K:** Go through procedures coordinating entry procedures for multiple employers.

Contents: Lecture on coordinated entry and shared responsibility.

Trainers Notes: Discuss Contractor Policy