



Colston Safety and Training, Inc.  
**Confined Space Entry: Attendant / Rescue**

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**Prerequisites:** This course shall have no formal pre-requisite. However, the student should have been designated a competent person for this supervisory level of training.

**Course Length:** 24 hours - Course length shall vary depending on the number of students. Total course time does not include breaks.

**Class Size:** The maximum number of students that may be trained and tested per instructor shall be twenty (20) in the classroom session and twenty (20) in the practical session.

**Course Design:**

- Power Point / Lecture / Audio Video / Visual Aids
- Demonstrations
- Practical Exercises
- Successful Course Completion
- Requires a minimum score of 80% or better, unless otherwise specified by the student's employer.
- Students will have no more than (30) minutes to complete the exam.
- Successful completion of practical sessions is also mandatory.

**Course Content Summary:**

- Classroom
- Practical
- Breaks - 5 to 15 minutes (at instructor's discretion)
- Lunch - 1 Hour

**Course Outline:**

- Training Requirements
- Regulations
- Statistics
- Fatalities
- Accidents /Injuries
- Confined Spaces
- Definitions
- Types
- Hazards
- Atmospheric Hazards
- Depleted oxygen

- Enriched oxygen
- Explosive
- Toxic
- Worker introduced Hazards
- Configuration
- Engulfment
- Energy hazards
- Physical
- Levels of Training & Responsibilities of each level
  - Attendant
  - Entrant
  - Supervisor
  - Rescue
- PERSONAL PROTECTIVE EQUIPMENT
  - PPE Selection
  - Routes of Exposure
- Respirator Selection (Three Basic Types)
  - SCBA
  - SAR
  - APR
- Inspection and Maintenance of PPE

**Hazard Detection & Atmospheric Testing:**

- Order of Testing
- Air monitoring & Gas Detection
- LEL
- UEL

**Hazard Evaluation:**

- IDLH Situations

**Job Planning:**

- General Approach and Job set up
- Cleaning
- Energy Isolation
- Confined space permits
- JSA'S
- Ventilation
- Permit closure
- Permit and Permit components

- Examination
- Simulated Permit / Entry

**Practical Session:**

Practical training shall be limited to fifteen (15) students per class before a second instructor is added and shall be documented using the Confined Space Practical Checklist. Students shall be placed in teams of two when demonstrating skills.

- The ability to wear appropriate PPE during practical session.
- The ability to inspect and identify damaged hardware / PPE
- The ability to select appropriate hardware / PPE
- The ability to effectively communicate amongst Entrant / Attendant / Rescue
- The ability to safely perform work in a confined space
- The ability to properly secure all lifelines
- The ability to use tri-pods and other rescue equipment
- The ability to properly store equipment / PPE

Each student is required to pass a written exam (80%) as well as demonstrate practical skills. The practical skills, outlined above, are taught in classroom session and demonstrated during Practical Training.

**Training Center Provided Material:**

- PPE
- Confined Space Rescue Equipment

**Reference Material / Documents:**

- OSHA Permit-Required Confined Spaces – 29 CFR 1910.146