



Colston Safety and Training, Inc.
Confined Space Entry

Prerequisites: This course shall have no formal pre-requisite.

Course Length: 8 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.

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
- 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 (LOTO)
 - Confined space permits
 - JSA'S
 - Ventilation
 - Permit closure
- Permit and Permit components
- Examination
- Simulated Permit / Entry

Training Center Provided Material:

- PPE
- Confined Space Equipment

Reference Material / Documents:

- OSHA Permit-Required Confined Spaces - 29 CFR 1910.146