

## Course Outline for: **Industrial Confined Space Entry Entrant, Attendant & Non-Entry Rescue**

**Course number:** ES00-05

**Course Length:**  
8 hours, 1 Day

**Pre-requisites:**

Confined Space Awareness – ES00-02 or ESOL-02  
Lockout / Tagout – ES00-03 or ESOL-03  
Basic Gas Detection – ES00-04  
OFA Level 1 with Transportation Endorsement

**Course Record:**

Confined Space Entry, Entrant, Attendant & Non-Entry Rescue. Developed by Envirosafety Confined Space Equipment Inc., ©2010

**Texts and Equipment:**

**Required:**

Atmospheric monitor, blower/ventilator, rescue retrieval equipment & personal protective equipment (hard hat w/chin strap, steel toed boots, safety glasses, work clothes or coveralls, gloves).

**Recommended:**

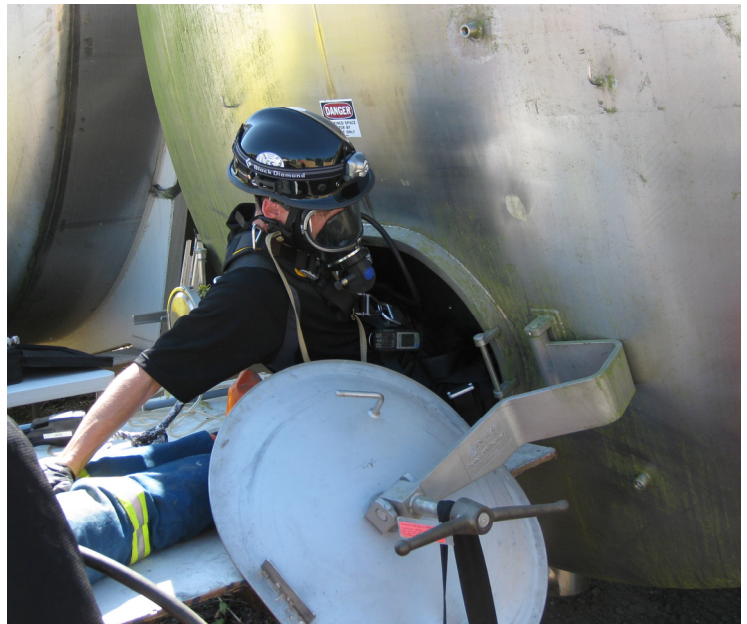
Confined space entry program, hazard assessment and safe work procedures including the entry permit. (Note: if none are provided we will use example forms similar to the desired entry.) All confined spaces entered during this course require a written site specific hazard assessment and safe work procedures including lock out & isolation procedures (if applicable), and must be developed by a qualified person.

**Provided:**

Mock up entries into Confined Spaces at Envirosafety's Confined Space Training Center.  
Printed copy of WorksafeBC, Part 9 Regulations.  
Course workbook, handouts, exercises, exams, pens, wallet certificates, hard hat sticker certificates.  
Employer will receive copies of all participants' certificates within 24 hours of course completion.

**Course Description and Goals:**

This course is intended for any personnel that will be entering, working in, providing stand-by for or monitoring confined spaces. Site specific & job specific scenarios are examined. When combined with adequate confined space procedures, this program meets the training requirements that allow workers to enter and work in confined spaces as required by WorksafeBC. This course includes not only training on the required documentation, but also actual air monitoring, ventilation, confined space entries, rescue concepts and scenario based evaluations. Students will be walked through each step of the confined space



entry process, then will be challenged in guided practice exercises and tested on their overall competency. These exercises will include equipment use, entry into confined spaces, and non-entry rescue of attached workers from confined spaces. This course is not designed to provide the skills needed to enter a space to rescue workers. This course does not cover occupational first aid or patient packaging, which are pre-requisites.



**Method of course delivery:**

20% Lecture & Discussions

20% Demonstration

60% Student Exercises

Student/instructor ratio- 2 instructors per 10 students

**Evaluation:**

20% Participation in Practical scenarios

80% Demonstration of Physical Proficiency / Audit

**Topics of instruction within this course include, but are not limited to:**

- + Confined Space Program
- + WorksafeBC Part 9 Regulations
- + Identifying Confined Spaces on your job site
- + Understanding your site specific hazard assessments
- + Understanding your written entry & safe work procedures
- + Hazard controls
- + Atmospheric testing
- + Venting, purging, inerting
- + Lockout/isolation requirements
- + Entry permits
- + Safety toolbox meetings
- + Stand-by persons
- + Rescue pre-plans
- + Rescue procedures
- + Personal Protective Equipment
- + Entry equipment
- + Rescue equipment
- + Entry into confined spaces
- + Non-Entry Rescue drills



### Course Learning Outcomes:

Upon completion of this course, the participant will be able to:

- ✚ Aid in development of a confined space entry program for the workplace
- ✚ Identify the characteristics of a confined space
- ✚ Identify confined space hazards
- ✚ Identify appropriate personal protective equipment
- ✚ Establish control measures to eliminate or minimize hazards
- ✚ Understand a hazard assessment
- ✚ Understand entry and safe work procedures.
- ✚ Demonstrate proficiency in filling out an Entry Permit
- ✚ Demonstrate use, care and calibration of the appropriate atmospheric monitor
- ✚ Demonstrate proper selection, setup & use of gas detector, ventilator/blower and rescue retrieval equipment
- ✚ Act as a stand-by person for a confined space.
- ✚ Act as a confined space entrant
- ✚ Aid in the development of a confined space rescue pre-plan
- ✚ Demonstrate proficiency in affecting a non-entry rescue



### Course Policies and Information:

**Exams:** The minimum score to receive a “pass” in an exam or course is 70%. If a student fails an exam, they may apply for one opportunity to re-write the exam. The student must arrange to take the re-write exam within thirty days of the original exam. Re-write exams will be of a similar nature, scope and content to the original exam, but with new examinable content.

**Practical Exams:** Entry & Rescue are high skill endeavours and most of the examinations will be practical. A student must show individual proficiency in all required competencies to receive a “pass”.

