Confined Space Entry/Monitor/Rescue Training Standard

CSSTA

2019

Confined Space Entry/Monitor and Rescue Standard)(6hr/2hr) 2019

(note: This course is a separate from Confined Space Rescue 8 hour and 16 hour)

Canadian Safety Standards Training Alliance

The training course must run between 6-8 hours in length. The course is 6 hours if it is only a Confined Space Entry and Monitor course, and another 2 hours if it is the Confined Space Entry, Monitor and Rescue.

The course is expected to have a manual that would be approximately 100 pages in length, and about 25 000 to 40 000 words.

The manual should have text combined with illustrations or photos to explain topics, the provider must own the images, or use them with permission. The manual must have a professional appearance, and be edited for grammar, and spelling.

The training course must have a new training manual (paper or ebook) issued to each student, a visual slideshow that follows the manual, and a test.

The course must have a test at the conclusion. The test must have a question that related to the indicated points in the matrix.

Certification will be valid for 3 years.

The course is required to have a practical training components, as outlined in the standard.

The submitted course must list the intended audience(s), including the Province(s), and industry(s).

The course must have a instructor's guide with lesson plans.

Paper work processes as per the Administration Guidelines must be followed.

The following topics must be addressed in the training course.

1. Relevant statistics and case studies involving actual incidents and fatalities must be covered. Several examples of each must be included.

2. The course should reference the CSA Standard 1006 for terminology and practices.

3. The course must also reflect the legislation of the Province(s) in which it is intended to be taught. It is acceptable to describe general legislative practices, and then use a handout to each student with the relevant provinces legislation.

4. The course must discuss the three level hazard system used to classify confined spaces.

5. The course must discuss the provincial definition of what a confined space is.

6. The course must list the common hazards in a confined space, and how they are created.

7. The course must discuss hazard assessment and control and give examples and provide activities that allow the students to test their ability to improve a confined space by controlling hazards.

8. Students must understand the idea that being trained isn't the same as being competent, and the course should give example of what it would take to be competent in a confined space task.

9. The course must discuss what a confined space code of practise is, and students should be given an opportunity to discuss where they could find the one from their employer.

10. The CSA 1006 standard should be referenced as to how it applies to a worker depending on their position.

11. PPE that is commonly used in a confined space should be listed, and an explanation of its use, examples of when to use it, inspection and limitations should be discussed.

12. Harmful Substances inside of a confined space must be discussed and there should information on how to detect them. Examples of this include, electronic gas monitors, tube type detectors, and industrial hygienists. (note the examples should be relevant to the industry the course is intended for).

13. The course must have a hands on group activity, where an electronic monitor is function (bump) tested and calibrated.

14. If applicable gas detection strategies should be discussed for testing a confined space.

15. Confined space control measures should be defined and discussed, this includes:
    A. Positive isolation
    B. Lockout and tag
    C. Isolation methods in piping (if applicable to the audience).
    D. Purging and inerting
    E. Cleaning and Neutralizing
    F. Ventilation
    G. Shoring and Cutbacks for Excavations

16. The confined space entry permit must be discussed, this includes:
    A. What and why we have a confined space permit.
    B. The information that is required on the permit, due to legislation and company requirements.
    C. Who is allowed to issue and accept permits.
    D. An activity that has students complete an example of a permit.

17. The confined space monitor must be discussed:
    A. The legislation definition of a monitor, and their duties
    B. Other examples of company practices of what a confined space monitor has for duties (i.e. the idea Of a competency checklist, and additional site training needed).

18. The course must have either a table top and/or a practical activity that incorporates all the elements of the Confined Space set up. This includes:

A. The instructor must define a example of a confined space

B. The students must identify the hazards and suggest appropriate controls, including ppe, atmos pheric testing and rescue equipment

C. The student must fill out a confined space permit.

D. The students must indicate what the correct action to take would be to:

i. leave the space for a lunch break or similar reason

Ii. Have an entrant (worker) request to enter the space

Iii. What steps to take to evacuate the space

Iv. What step to take in an emergency

V. What steps to take at the end of the work shift when the space is empty and is to be left unoccupied

19. Confined Space Rescue 2 hour component. At the conclusion of the 6 hour confined space entry and monitor course, there is an option to have a 2 hour rescue component. The rescue component must have the following elements.

A. The course must describe common rescue equipment and conversation must be initiated on equipment specific to the students.

B. Emergency response plans should defined, and legislated requirements should be listed.

C. What steps to take in an emergency should be discussed. There must be an activity where this is applied to the individual students worksites. A workbook activity is needed.

D. How do recognize an emergency should be discussed.

E. Common rescue procedure examples should be listed, (i.e. the use of a tripod and winch, horizontal versus vertical rescue and entry versus non entry rescue).

F. There must be a practical emergency response drill to put the “rescue” term on the card. There is no specific requirement for the practical drill, it is up to the Approved provider to decide on how they are accomplishing this. However, it should be made appropriate to the students in the class. **Because this course is only two hours in length, it must be mentioned to the students that they will need additional training from their employer to perform rescue.**

G. The practical activity can be a group activity or individual activity. Students with physical limitations can have the activity modified to suit their abilities.

Student Training Card

The training card must have the following elements;

a. course name and duration
b. full student name as per their government identification
c. a unique certificate number
d. date of issue and expiry
e. the training provider
f. the instructor name and signature
g. CSSTA hologram sticker
h. a listing of the practical activities in the course

Note: the certification must only show the “Rescue Information” if that portion was completed.

Confined Space Entry/Monitor and Rescue Standard)(6hr/2hr)
Student: xxxx xxxxx xxxxx
Course Number: 123C7V98-9
Issued/Expired: Jan 12 2018/Jan 12 2011
Training Provider: A Training Company Inc
Instructor: John Smith
Instructor Signature: John Smith

Practical Course Activities Completed

1. Completed a hazard assessment for entry to a confined space
2. Bump Test and Monitor Calibration Group Activity
3. Inspected, Positive and Negative Pressure Test of RPE.
4. Completed a Table Top Activity in Confined Space Entry
6. Completed a Table Top Activity in Confined Space Monitor
7. Completed a Table Top Activity in Confined Space Rescue
8. Practical Rescue Scenario (describe type)
9. Tried on and operated a SCBA.
10. Inspected, Set up and Operated a Tripod and Winch.

Confined Space Activities

Rescue Activities

Training Element	Location			
	Training Manual	Audio Visual	Test	Lesson Plan
1				
2				
3				
4				
5				
6				
7				

Training Element	Location			
	Training Manual	Audio Visual	Test	Lesson Plan
1				
2				
3				
4				
5				
6				
7				

Training Element	Location			
	Training Manual	Audio Visual	Test	Lesson Plan
15				
16				
17				
18				
19				