

Confined Spaces Overview 1-Hour Training Module

Overview

On occasion, poultry and meat processing workers may have to enter workspaces that can pose severe safety and health issues. Without proper training and equipment, these spaces may not be recognized as such and the appropriate precautions not followed. The potential for serious injury and death is high if proper procedures are not followed.

This lesson will review the basic elements of the permit-required confined space standard and the corresponding safety and health requirements for poultry and meat processing. The Permit-Required Confined Space standard, 29 CFR 1910.146, contains the provisions for a written confined spaces program and the required elements including: 1) Definitions; 2) Alternative entries; 3) Written programs; 4) Hazard control; 5) Contract employees; 6) Entry permits; 7) Training; 8) Assigned duties; and 9) Emergencies. This lesson provides appropriate awareness-level safety and health training that addresses potential confined spaces hazards for the 3rd shift worker through the following actions: anticipation, recognition, evaluation, and control.

As is the case with any OSHA standard, 1910.146 is considered to be minimum practice. It must be adapted and implemented specifically to each workplace.

Topics to be covered

- Permit-Required Confined Space Standard, 29 CFR 1910.146

Objectives

Upon completion of this course module, the instructor should be able to:

- Explain the overall intent and implications of the standard
- Explain the difference between a confined space and a permit-required confined space
- Explain the duties of the:
 - Authorized Entrant
 - Attendant
 - Entry Supervisor
 - Rescue services
- Explain the testing protocol
- Understand the minimum requirements of an entry permit and program

Training Resources

- PowerPoint presentation with instructor notes (B&W)

- I. Review of Module Objectives
- II. Overview of 29 CFR 1910.146
- III. Confined Space vs. Permit-Required Confined Space
 - a. Examples of spaces
 - b. Characteristics of spaces
- IV. Definitions (major)
 - a. Attendants
 - b. Authorized entrant
 - c. Engulfment
 - d. Entry
 - e. Entry Supervisor
 - f. Hazardous atmosphere
 - g. IDLH
 - h. Rescue and emergency services
 - i. Retrieval systems
- V. Testing Protocol
- VI. Other Hazards
- VII. Signage
- VIII. Written Plans
- IX. Entry Permits

Activities and Classroom Procedures

- Training Techniques
 - Identify examples of confined spaces at attendees' facilities
 - Permit-required or non-permit?
 - Discussion as to why classified as such

Slide Picture, Chart, Diagram Instructions (By Slide Number)

2. Picture shows example of confined space. This slide is meant to initiate class discussion about the types of confined spaces present in the students' facilities.
3. Picture shows example confined space entry sign
7. Illustrations show examples of confined spaces including manholes, tanks, silos, and pipes (potentially).
10. Picture meant to illustrate part of the permit-required confined space entry crew including the attendant, entrant, and entry supervisor.
14. Picture meant to represent the attendant constantly monitoring conditions in the space.
19. Picture of entrant. Emphasize the communication between the attendant and the entrant.

- 22-23. Picture of entrant. Emphasize the communication between the attendant and the entrant.
33. Picture illustrating valve lockout using a clamshell device
35. Picture of rescue personnel at the scene.
37. Picture depicting a permit-required confined space rescue. Emphasize the need for timely rescue and having the rescue team “at the ready” on site instead of just calling 911 and hoping for the best.
39. Picture of retrieval system. Emphasize that non-entry rescue is preferred.
42. Picture of attendant monitoring the conditions in the space. Monitor shown depicts 14 % LEL (Above 10 % - Problem) and 18 % Oxygen (Below 19.5 % - Problem).
43. Picture of spiders representing “other hazards” in the space.
- 44-46. Picture of permit-required confined space and mechanical hazards such as agitator blades.
47. Picture of snakes in a permit-required confined space. Somewhat exaggerated but depicts other hazards.
48. Sample PRCS Sign.
- 49-50. Picture illustrates permit-required confined space sign in use at an actual space.
- 51-52. Manhole cover and pit entrance with no sign. Challenging situations but signage or other forms of communication are still necessary.
53. Picture depicts entry supervisor. Stress responsibilities of entry supervisor.

Evaluation and Assessment

- Interactive conversations
- Completion of Evaluation Form

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