3M | Safety Training

Learning Summary

Confined Space

Entrant & Attendant - 8 hrs

Course #6480

VG2.0-2020.11.09

Course Goal

To properly identify and understand confined spaces, the related hazards, the roles and duties for both the attendant and entrant, and the principles of safely working in and around these environments.

Course Assessments

Students will need to meet the following objectives to earn a certificate of completion in this course. Should a student miss one or more objectives, they may need to re-take the course in its entirety before being eligible to receive a certificate.

1. Complete all challenge questions and workbook exercises.
2. Participate in practical learning session regarding the inspection, set-up, and use of fall protection and vertical access systems for confined space applications.
3. Achieve a minimum of 70% on the closed book written test.

Learning Objectives

Understanding the Basics	1. Learn the characteristics of a confined space. 2. Identify the four categories of confined space hazards. 3. Understand the possible classification systems for confined spaces. 4. Comprehend reasons for entry and how entry may be determined. 5. Respect the hazardous nature of working in a confined space.
Confined Space Oversight	1. Identify the applicable general industry confined space regulations and its definition of these spaces. 2. Understand the purpose of standards bodies and the guidance they provide for confined space safety. 3. Appreciate the role that safety associations and organizations play establishing best practices for confined spaces. 4. Comprehend the key elements of a company specific confined space program.
Roles & Responsibilities	1. Learn the importance of conducting due diligence. 2. Understand general duties of the employer & management team. 3. Understand general duties of the entry supervisor. 4. Identify the role and responsibilities of the attendant. 5. Identify the role and responsibilities of the entrant.
Controlling Hazards	1. Understand the hierarchy of controls as it pertains to confined spaces. 2. Discover types of confined space hazards for each of the categories. 3. Comprehend the elements and purpose of a safety data sheet. 4. Discover various types of clothing & apparel commonly used as PPE in confined spaces. 5. Learn about the commonly used respiratory protection equipment within confined spaces. 6. Understand fall protection and access systems commonly used for confined space. 7. Identify basic types of isolation mitigation techniques. 8. Understand principles of atmospheric hazards and methods for normalization. 9. Discover the importance of bonding, grounding, and humidification controls. 10. Comprehend the importance of proper trenching & shoring. 11. Discover a variety of special tools used to control confined space hazards.
Emergency Response	1. Appreciate the need for proper emergency response. 2. Understand the purpose and contents of a confined space rescue plan. 3. Identify the categories of a confined space rescue. 4. Comprehend general working specifications of common rescue systems. 5. Learn various reasons that trigger an emergency response. 6. Understand basic non-entry rescue principles.

Learning Summary

Confined Space

Entrant & Attendant - 8 hrs

Course #6480

VG2.0-2020.11.09

Working in the Confined Space	1. Identify the three phases of working in confined spaces. 2. Understand the common procedures for pre-entry. 3. Understand the common procedures for entry & working. 4. Understand the common procedures for post-entry.