



شركة ميرك العربية السعودية
MEIRC Saudi Arabia

Confined Spaces Program

Duration 5 Days

Course Synopsis

This workshop has been developed to explain the hazards of confined space work and to assist employers in establishing and maintaining an effective confined space program. It introduces attendees to the basic requirements and procedures involved with permit required confined spaces as described in OSHA Division 2/Subdivision J 29 CFR 1910.146, Permit-Required Confined Spaces.

Who Should Attend

This workshop targets all those who work in or have responsibility for those who work in permit-required confined spaces.

Prerequisites

Those with prior experience in confined space entry will be an added benefit to the group as others may benefit from their valuable input.

What Will Attendants Learn?

Given the information and exercises in this workshop, attendees should be better able to:

- Understand criteria for confined spaces and permit-required confined spaces;
- Identify the hazards which exist in permit-required confined spaces;
- Develop a permit-required confined space program; and
- Develop training requirements.

Program Training Methods:

- Theoretical Lectures (Power Point Presentations)
- Team Participation
- Practical Workshops.

Supporting Equipments

To effectively interact with the attendants, an LC projector, a sound system and a flip chart with markers need to be provided to the trainer. Sponsor to provide the supporting equipments.

Instruction Materials

Attendees shall receive the OSHA Division 2/Subdivision J 29 CFR 1910.146, Permit-Required Confined Space training manual.

Confined Spaces Program Outline

Introduction

Confined Space Atmospheric Hazards

- Hazard Categories;
- Oxygen; normal level and reasons for deficiency or enrichment;
- The most common types of combustible and flammable gasses
- Lower and upper Flammability and Explosive Limits;
- Why toxic gases may be present in confined spaces?
- The order of testing in confined spaces; and
- Atmosphere sampling procedure (actual demonstration)

Confined Space Non-Atmospheric Hazards

- Mechanical
- Engulfment
- Falls
- Extreme temperature



Controlling Confined Space Hazards.

- Engineering control;
- Administrative control;
- Personal Protective Equipment (PPE);
- Respiratory protection; and
- Confined space hazards inspection check list (group exercise)

The Confined Space Entry Permit

- Sections of the entry permit;
- Permit validity; and
- Canceling entry permits.

The Confined Space Entry Team

- Management responsibilities;
- Entry supervisor responsibility;
- Entrant responsibilities;
- Attendants responsibilities; and
- Rescue team responsibilities.

Confined Space Rescue

- The three rescue strategies;
- The rescue plane;
- Entry vs. non-entry; and
- Rescue equipment.

Confined Space Training Requirement

- General training topics;
- Specific training;
- Training for attendants;
- Training for emergency response personnel; and
- Developing a confined space entry plan (group exercise)