

Confined Space Awareness

Course Description

Confined spaces can be very dangerous places unless proper procedures are followed before and during entry. Working in confined spaces is an everyday occurrence in many occupations. When these spaces are properly identified and assessed, entry plans are in place and the plans are followed, work performed within a confined space can be completed safely and efficiently.

This course will provide participants with the information needed to understand the potential hazards of working in these spaces and the elements necessary to control those hazards prior to entry.

Upon successful completion, a certificate will be issued.

Course Modules

Confined Spaces

- Not designed for human occupancy
- Atmospheric hazard, oxygen deficiency / enrichment, sour gas (H₂S), methane (CH₄), carbon monoxide (CO)
- Limited access or egress

Confined Space Program

- Identification of confined spaces, hazard assessments, entry plans, rescue plans, training, entry permits

Confined Space Hazard Assessment

- Formal documentation by competent person
- Oxygen, flammable, toxic, biological, chemical, physical, surfaces, mechanical, electrical, thermal, engulfment, hot work

Confined Space Entry Plans

- Duties of workers, contractors, management and attendants
- Rescue procedures, communication & equipment
- Personal protective equipment (PPE)

- Lockout and Tagout
- Ventilation, purging and inerting
- Atmospheric testing

Confined Space Entry Permit

- Description of work Hazards & how to control, duration of permit Testing for toxic gases PPE & rescue equipment inventory Record of entry and exit

Confined Space Controls

- Testing, monitoring, calibration
- Ventilation, inerting, purging
- Lockout / Tagout of energy
- Control of material movement
- Training

Roles and Responsibilities

- Attending worker, entrant, supervisor

On-Site Rescue

- Training, equipment, plan, retrieval system, tripod.

Course Length: approx. 4.5 hours