

ATTENDANT

The attendant is the person stationed outside of a Permit Required Confined Space Area. The Attendant fills a very important role in the success of a safe confined space entry program. The Attendant is responsible for monitoring the condition of the authorized entrant(s), as well as the condition of the confined space itself. Also, in the event of an emergency, the Attendant is to contact the emergency rescue services and keep unauthorized personnel from entering the space for any reason.

EMERGENCY RESPONSE PERSONNEL

A great deal of confined space injuries and deaths occur to well meaning employees attempting to rescue a fallen co-worker from confined space areas. For this reason, only specific, qualified emergency response personnel are permitted to enter to perform rescue operations within a confined space!

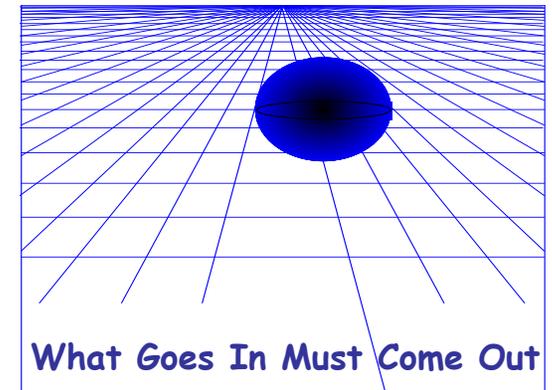
Rescue personnel shall be trained regarding confined space hazards and rescue procedures. The Entry Supervisor will notify the rescue team prior to beginning work in a Permit Required Confined Space. Rescue service personnel shall be available to respond. Rescue services for Kent State University will be provided by the City of Kent Fire and Rescue Squad (911).

REVIEW

1. Never enter a Permit Required Confined Space without following the proper procedures.
2. Never enter until the atmosphere tests safe.
3. In an emergency, when non entry rescue is not possible, contact the City of Kent Fire and Rescue Squad (911). Remember, 1/2 of all fatalities in confined spaces are would-be rescuers.
4. Never enter a contaminated (atmosphere above PEL) or an oxygen deficient atmosphere.
5. Never ventilate with oxygen.
6. If you are not sure - don't go in.
7. If you smell anything different or feel different - get out now!
8. **What goes in, must come out!**



Confined Space Entry



This brochure is a supplement to the Confined Space Entry Training Program. For more information, contact the Manager of Environmental Health and Safety, (330) 672-1950, dbaden@kent.edu, (330) 672-9565 or dehead@kent.edu

**Environmental Health
and Safety**

SCOPE AND PURPOSE

The purpose of this standard is to protect the health and safety of personnel working in or near confined spaces and comply with 29 CFR 1910.146.

Whenever possible, the hazards associated with confined space entry that can be controlled shall be eliminated prior to entry.

Permit required confined space entries shall be conducted only when conditions required by the Kent State University Entry Permit are met.

WHAT IS A CONFINED SPACE?

A space large enough and so configured that an employee can bodily enter and perform assigned work. In addition, a confined space has limited or restricted means for entry or exit, and is not designed for continuous employee occupancy.

This could mean:

1. Small, narrow or cramped passageways.
2. Entry or exit is by means of a ladder.
3. Other equipment in the space may make evacuation and rescue difficult.

THREE BASIC TYPES OF CONFINED SPACES

- ◆ “Non Permit” Confined Space - No dangers present or likely. No permits required.
- ◆ “De-Certifiable” Permit Required Confined Space - Hazards are present during normal operations, but can be eliminated from space. May be entered using Alternate Entry Certificate.
- ◆ Permit Required Confined Space - Hazards cannot be eliminated. Enter only upon completion of Entry Permit.

HAZARDS OF PERMIT-REQUIRED CONFINED SPACES

The main goal of the Permit Required Confined Space Entry Program is to protect employees from the hazards associated with confined spaces. There are three general categories identified concerning confined space hazards.

These hazards are:

- ◆ Atmospheric
 - ◆ Asphyxiating Atmospheres
 - ◆ Toxic Atmospheres
 - ◆ Flammable/Explosive Atmospheres
- ◆ Engulfment
- ◆ Physical

AUTHORIZED ENTRANT

The person who enters a Permit Required Confined Space is the Authorized Entrant. Authorized Entrants have been designated because of specialized tasks they are qualified to perform.

The Entrants must receive special training as to the hazards or potential hazards of confined spaces, Personal Protective Equipment required, and other equipment used for safe entry procedures. Communication procedures while working in Permit Required Confined Space areas are presented and reviewed. Also, the Entrants must be trained to recognize when dangerous conditions develop, in order to evacuate the area.

ENTRY SUPERVISOR

The Entry Supervisor is accountable for the overall safety of the entry operation. This person is responsible for verifying that acceptable conditions have been achieved prior to entry, ensure accessibility of rescue services, and remove unauthorized personnel from permit required confined space areas. The Entry Supervisor must sign the entry permit, and terminate the entry operations when necessary and at the conclusion of the entry.