

## Permit Required Confined Space Checklist.

Many health and safety challenges may be associated with confined spaces. Use the following checklist to help evaluate some considerations for entering a confined space. This checklist should not be relied upon in isolation. Always follow all applicable standards and regulations.

### Completed

Is entry necessary?

#### **Testing:** Are the instruments used in atmospheric testing properly calibrated?

Was the atmosphere in the confined space tested?

Was oxygen at least 19.5 percent and not more than 23.5 percent?

Were toxic, flammable or oxygen-displacing gases/vapours present?

Hydrogen sulfide

Carbon monoxide

Methane

Carbon dioxide

Other (list)

Has the authorised entrant or the entrant's authorised representative been provided an opportunity to observe the periodic testing of the permit space?

#### **Monitoring:**

Will the atmosphere in the space be monitored while work is going on?

Will the atmosphere in the space be monitored continuously while work is going on?

Will the atmosphere in the space be monitored periodically while work is going on?

If yes, give the interval:

**Remember: Atmospheric changes occur due to the work procedure or the product stored. The atmosphere may be safe when you enter, but it can change very quickly.**

#### **Cleaning:**

Has the space been cleaned before entry is made? Was the space steamed?

If the space was steamed, was it allowed to cool?

#### **Ventilation:**

Are the appropriate operator's instructions available?

Has the space been ventilated before entry?

Will ventilation be continued during entry?

Is the air intake for the ventilation system located in an area that is free of combustible dusts and vapours and toxic substances?

If the atmosphere was found unacceptable and then ventilated, was it retested before entry?

# Permit Required Confined Space Checklist (continued)

**Completed**

## Isolation/lockout/tag out:

- Does the company have a lockout/tag out program?
- Are the employees trained?
- Are the specific lockout/tag out procedures available at the worksite?
- Has the space been isolated from other systems?
- Has electrical equipment been locked out?
- Have disconnects been used where possible?
- Has mechanical equipment been blocked, chocked and disengaged where necessary?
- Have lines under pressure been blanked and bled?

## Clothing/equipment:

- Has a full and complete risk assessment been conducted that covers all possible health and safety hazards?
- Have the entrants been briefed upon the foreseeable hazards and precautions, including the use of personal protective equipment (PPE)?
- Have the entrants been trained and certified in the use of PPE?
- Is special clothing required (boots, chemical suits, safety spectacles, goggles, helmets, etc.)? If so, specify:
- Is special equipment required (i.e. rescue equipment, communications equipment, etc.)? If so, specify:
- Are special tools required (i.e. spark-proof or ATEX approved tools or equipment)? If so, specify:

## Respiratory protection:

- Does the employer have a respiratory protection program?
- Are the affected employees included in the program? Have they been fit tested on tight-fitting respirators/masks?
- Are adequate and suitable CE-approved respirators of the type required available at the worksite?

## Respiratory protection (continued):

Is respiratory protection required (i.e. air-purifying, supplied air, self-contained breathing apparatus, etc.)? If so, specify type:

Can you get through the opening with a respirator on? If you do not know, find out before you try to enter.

## Training:

- Have the respirator wearers been trained in the proper use of a respirator?
- Have members of the standby rescue team or entry attendant received first-aid/CPR training?
- Have all members of the team received proper training for confined space entry and rescue?

## Entry attendant/rescue team:

- Will there be an entry attendant on the outside in constant visual or auditory communication with the entrant(s) (person(s) on the inside)?
- Will the entry attendant be able to see and/or hear the entrant(s) at all times?
- Have the entry attendant and all members of the rescue team been trained in rescue and understand their roles and responsibilities in the advent of an emergency?
- Will safety lines and harnesses be required to remove a person?
- Are company rescue procedures available in the event of an emergency?
- Are you familiar with emergency rescue procedures?
- Do you know who to notify and how in the event of an emergency?

## Permit:

The permit is an authorisation in writing that states that the space has been tested by a qualified person and that the space is safe for entry; what precautions, equipment, etc., are required; and what work is to be done.

- Has a confined space entry permit been issued?
- Does the permit include a list of emergency telephone numbers?