

# WORKPLACE AUDIT / INSPECTION REPORT

## Confined Spaces

Location: \_\_\_\_\_  
Audited by: \_\_\_\_\_ Date \_\_\_\_\_

### Audit Item/ Practice

Check if item / Practice not in compliance

#### General

- 9 Have all confined spaces been identified? Defined as: (1) large enough and so configured that an employee can bodily enter and perform assigned work; (2) having limited or restricted means of entry or exit (for example, tanks, vessels, silos, storage bins, hoppers, vaults, and pits); and (3) not designated for continuous employee occupancy .146(b)
- 9 Are danger signs posted (or other equally effective means of communication) to inform employees about the existence, location, and dangers of confined spaces? .146(c)(2)
- 9 Is the written confined space entry program available to employees? .146(c)(4)
- 9 Is the confined space sufficiently isolated? Have pedestrian, vehicle, or other necessary barriers been provided to protect entrants from external hazards? .146(d)(3)(ii)

#### Housekeeping

- 9 Are aisles in the vicinity of the confined space marked? .22
- 9 Width of aisles maintained? .22
- 9 Are aisles in good condition? .22
- 9 Are fire aisles, access to stairways, and fire equipment kept clear? .178(m)(14)
- 9 Are work areas clean? .22
- 9 Is housekeeping maintained? .22

#### Atmosphere

- 9 Has the permit space been tested to determine if acceptable entry conditions exist prior to entry? .146(c)(5)(i)
- 9 When testing for atmospheric hazards, has oxygen been tested for first, then combustible gases and vapors, and then toxic gases and vapors? .146(c)(5)(iii)
- 9 Is ventilating equipment available to obtain acceptable entry conditions? .146(d)(4)(ii)
- 9 Has the permit space been flushed, ventilated, purged, and rendered inert to eliminate or control atmospheric hazards prior to entry? .146(d)(3)(ii)
- 9 Is the permit space being tested or monitored as necessary to determine if acceptable entry conditions are being maintained during the course of entry operations? .146(c)(5)(ii)
- 9 Is approved respiratory equipment required if the atmosphere inside the confined space cannot be made acceptable?
- 9 Before gas welding or burning is started in a confined space, are hoses checked for leaks, compressed gas bottles forbidden inside of the confined space, torches lighted only outside of the confined area, and the confined area tested for an explosive atmosphere each time before a lighted torch is to be taken into the confined space?
- 9 If employees will be using oxygen-consuming equipment such as salamanders, torches, furnaces, etc., in a confined space, is sufficient air provided to assure combustion without reducing the oxygen concentration of the atmosphere below 19.5 percent by volume?
- 9 Whenever combustion-type equipment is used in a confined space, are provisions made to ensure the exhaust gases are vented outside of the enclosure?

- 9 if the confined space is below the ground and near areas where motor vehicles will be operating, is it possible for vehicle exhaust or carbon monoxide to enter the space?

#### Toxics

- 9 Are confined spaces thoroughly emptied of any corrosive or hazardous substances, such as acids or caustics, before entry?
- 9 Are all lines to confined space containing inert, toxic, flammable, or corrosive materials valved off and blanked or disconnected and separated before entry?
- 9 Is each confined space checked for decaying vegetation or animal matter which may produce methane?
- 9 Is the confined space checked for possible industrial waste which could contain toxic properties?

#### Equipment

- 9 Is necessary personal protective equipment available? .146(d)(4)(iv)
- 9 Has necessary lighting equipment been provided? .146(c)(4)(v)
- 9 Has equipment, such as ladders, needed for safe ingress and egress by authorized entrants been provided? .146(c)(4)(vii)
- 9 Is rescue and emergency services equipment available? .146(c)(5)(i)
- 9 Is it required that all impellers, agitators, or other moving equipment inside confined spaces be locked-out if they present a hazard?
- 9 Is all portable electrical equipment used inside confined spaces either grounded and insulated, or equipped with ground fault protection?

#### Permit

- 9 Before entry operations begin, has the entry supervisor identified on the permit signed the entry permit to authorize entry? .146(e)(2)
- 9 Has the completed permit been made available at the time of entry to all authorized entrants, by being posted at the entry portal, or by any other equally effective means, so that entrants can confirm that pre-entry preparations have been completed? .146(e)(3)

#### Attendant/Personnel

- 9 Is at least one attendant stationed outside the confined space for the duration of the entry operation? .146(d)(2)
- 9 Is there at least one attendant whose sole responsibility is to watch the work in progress, sound an alarm if necessary, and render assistance? .146(i)(6),(7),(9)
- 9 Is the attendant appropriately trained and equipped to handle an emergency?
- 9 Is the attendant or other employees prohibited from entering the confined space without lifelines and respiratory equipment if there is any question as to the cause of an emergency?
- 9 Is communications equipment provided to allow the attendant to communicate with authorized entrants as necessary to monitor entrant status and to alert entrants of the need to evacuate the permit space? .146(d)(4)(iii)
- 9 Are those having active roles in entry operations appropriately designated (for example, authorized entrants, attendants, entry supervisors, and persons who test or monitor the atmosphere in a confined space)? .146(c)(8)

Repairs/corrections must be completed by (date) \_\_\_\_\_

Routed to \_\_\_\_\_ Date \_\_\_\_\_

Repairs/corrections from above have been done.

Supervisor \_\_\_\_\_ Date \_\_\_\_\_