



CITY OF ST. PAUL

DEPARTMENT OF SAFETY AND INSPECTIONS

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CONFINED SPACES

Revised 4/2020

The Saint Paul Department of Fire & Safety Services is attempting to identify businesses (buildings) that have confined spaces on their premises. These spaces do not need to be entered on a regular basis, but they may be entered for the following reasons:

- 1) Periodic Cleaning
- 2) Routine Maintenance / Repairs
- 3) Upgrading / installing new internal parts
- 4) Inspections

For example, a large duct work system with sprinkler heads or smoke/flame detectors is considered a confined space, but workers would not need to enter these spaces unless (on rare occasions) a sprinkler head was tripped, broken, or needed replacing.

AS PER OSHA STANDARDS, THESE SPACES ARE STILL TO BE CONSIDERED CONFINED SPACES.

Please enter such confined spaces on the report. We will sort them out at a later date during our prioritization phase of this project.

Continue on reverse side

IF YOU LOCATE A CONFINED SPACE, PLEASE OBTAIN THE FOLLOWING INFORMATION:

BUILDING ADDRESS: _____

BUSINESS NAME: _____

CONTACT PERSON: _____ **PHONE#:** _____

TYPE OF CONFINED SPACE: Vat Tank Pit Storage Transportation Tunnel/ Other _____
(Circle one) bin vessel sewer

HAZARDS PRESENT: Liquid Solid Gas Chemical Electrical Radioactive
(Circle all that apply)

FREQUENCY OF ENTRY: Daily Weekly Monthly Annually As needed Emergency only
(Circle one)

PRIMARY RESCUER: In-house rescue team Private rescue team contract St Paul Fire
(Circle one)

CONFINED SPACE RECOGNITION

MINNESOTA OSHA RULES 5205.1010 "DEFINITIONS"

Subpart 1. **Confined Spaces:** "Confined Space" is defined as a special configuration that could result in any of the following:

- A. **Atmospheric Condition** - a condition in which a dangerous air contamination, oxygen deficiency, or oxygen enrichment may exist or develop.
- B. **Entry/exit access** - a condition where the emergency removal of a suddenly disabled person is difficult due to the location or size of the access opening; or
- C. **Engulfment conditions** - a condition where the risk of engulfment exists or could develop.

Definitions:

Oxygen enrichment:	An atmosphere containing oxygen concentrations greater than 23% by volume.
Oxygen Deficient:	An atmosphere containing oxygen concentrations less than 19.5% by volume.
Engulfment:	The surrounding and effective capture of a person by finely divided particulate matter or a liquid.

FEDERAL OSHA REGULATION 29CFR 1910.146

A **Confined Space** is defined as a space that:

- 1) Is large enough and so configured that an employee can bodily enter to perform assigned work; and
- 2) Has limited or restricted means for entry or exit; and
- 3) Is not designed for continuous employee occupancy.

Examples:

Tanks, vessels, silos, storage bins, hoppers, vaults, vat, boilers, and pits.

Also: Sewers, ducts, lift stations, tunnels for utilities, and the like.