

# Confined Spaces on the Farm Picture This

**Confined spaces in craft breweries**

**A confined space** is an enclosed or partially enclosed area that is big enough for a worker to enter and partially. It's not designed for human occupancy and has a limited or restricted entrance or exit.

**Examples include:**

- Grain bins and silos
- Process tanks for raw materials and cleaning chemicals
- Must huts, boiler huts, bottles, and whirlpools
- Grain dust collectors

**Confined space hazards**

- Toxic gases**  
Such as carbon dioxide in fermentation tanks.
- Lack of oxygen**  
Oxygen displaced when purging with nitrogen.
- Slips**  
Slipping inside tanks.
- Temperature extremes**  
Heated or with freezing contents.
- Release of solids**  
Equipment or grain into.
- Drowning**  
Falling into liquid filled tanks.

**Two B.C. workers died in a fermentation tank. One worker lost consciousness and fell into the tank after opening it and inhaling carbon dioxide gas. A fellow worker died trying to rescue him.**

**You are entering a confined space when your breathing zone is inside it. This includes putting your head inside the space.**

**Do**

- Use a gas monitor when opening any confined space that may contain a toxic gas.
- Use a tripod or harness on an extension pole to test inside a confined space.
- Only enter a confined space if you have:
  - Permission from your supervisor
  - The proper training and equipment

**Don't**

- Don't enter spaces that have warning signs or labels.
- Don't put your head near an opening into a confined space that might contain a toxic gas.
- Don't try to rescue others without proper training and equipment.

**All confined space hazard assessments and written entry procedures must be prepared by a qualified person with training and experience to recognize, evaluate, and control confined space hazards.**

Source: <https://www.worksafebc.com>