

# MBAA Safety Toolbox Talk



## Compressed Gas Safety

### Overview

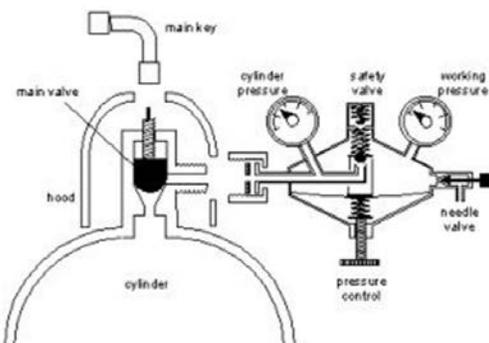
Many compressed gases are used in brewing operations that have hazards, including cryogenic temperature, atmospheric, and high pressure hazards.



### General Compressed Gas Safety Requirements

- Always wear proper PPE.
- Understand the compressed gas you are working with and the hazards present (review SDS)
- Inspect valves and regulators prior to use
- Secured Compressed Gas Cylinders to prevent them from falling

### Compressed Gas Cylinder Components



Cylinder valves are made of brass and can easily break off. This could cause the high pressure within the cylinder to release violently, causing it to become a dangerous torpedo capable of going through walls. Visual inspect your valves and regulator frequently. See OSHA 1910.101 for more details.

### Personal Protective Equipment (PPE)

Compressed Gas PPE typically includes: safety glasses, and cryogenic gloves.

Follow requirements from the SDS of the specific gas you're handling for any specifics not covered.

### Labeling



All compressed gases must come labeled from your supplier and should remain in place. The label should include: name, hazards, National Fire Protection Association (NFPA) labels, and Department of Transportation (DOT) labels.

### Moving/Transporting Cylinders

#### Do's

- Always keep the cap on when not using
- Use a hand cart with a securing chain
- Apply a diluted soap solution to all connections for leak checks

#### Don't

- Try to catch a falling cylinder
- Drag cylinders
- Roll cylinders
- Lift by cap or valves
- Handle oxygen tanks with oily hands

- Never try to repair. Tag it, move it outdoors, and keep it away from heat or flame. Call manufacturer or dealer.

### Storing Gas Cylinders

#### Do's

- Store upright in a cool, dry, well-ventilated area
- Secure so they can't fall or bump into each other
- Always keep valves closed when not in use
- Store oxygen cylinders at least 20' away from any flammables

#### Don't

- Store near elevators, stairs, or gangways
- Store in direct sunlight
- Store near radiators or other sources of heat
- Store oxygen cylinders with any flammable cylinders

### Storing Propane Gas Cylinders

#### Do's

- Store spare cylinders outside at least 6' from any building opening
- Secure so they can't fall or bump into each other or be stolen
- Always keep valves closed when not in use

#### Don't

- Store spare cylinders inside
- Allow a propane grill with a propane tank inside – disconnect the tank and store it outside

If you have any questions regarding this, please see your supervisor or manager or a member of the Brewery Safety Committee.

FOR MORE INFORMATION ON BREWERY SAFETY, PLEASE VISIT THE MBAA BREWERY SAFETY WEBSITE AT:  
<http://www.mbaa.com/brewresources/brewsafety>