

Compressed Gases

The management of compressed gases is regulated by the Campus Safety policy for the Storage and use of Compressed Gases and addressed in the Compressed Gases section of the Chemical Hygiene Plan. Specific hazards associated with compressed gases may vary depending on the type of substance or mixture contained within the cylinder gas cylinder. However, all compressed gas cylinders should be assumed to contain contents under pressure. If the cylinder is damaged it may explode or become a dangerous projectile traveling with great force. There are certain hazards and management principles that must be observed for all compressed gases.

Compressed gas cylinders must be:

- Securely fastened to the building.
- Stored in an upright position.
- Have the valve cover in place while not in use.
- Have the valve cover in place when being moved.
- Transported on a hand truck or other appropriate device (not rolled or dragged)
- Stored and used in a well-ventilated area.

For additional information about requirements for the storage and use of specific compressed gases you may refer to the UTHSC Compressed Gas Guidelines or Compressed Gas policy ([please connect links to policies provided for the Safety Policies webpage](#)).

Compressed Gas Management



DO

- ✓ Store in upright position
- ✓ Secure to wall or building feature
- ✓ Place chain/strap ~3/4 up cylinder
- ✓ Valve cap in place when not "in use"
- ✓ Segregate full/empty cylinders and types of gases
- ✓ Transport using hand truck with valve cap in place during transport.



DON'T

- ✓ Store in non-upright manner
- ✓ Leave unsecured
- ✓ Leave regulator in place when not in use
- ✓ Drag or roll cylinders
- ✓ Store full and empty cylinders together