

Compressed Gas Cylinders

We use compressed gases for a variety of tasks both on the job site and in the shop. We use compressed gases and the cylinders that store them for welding, powering industrial trucks and a variety of less common things. Many of us use them at home for fueling a grill.

The convenience of compressed gas doesn't come without a price though . . . we need to store, handle and use them properly or the consequences can be devastating.

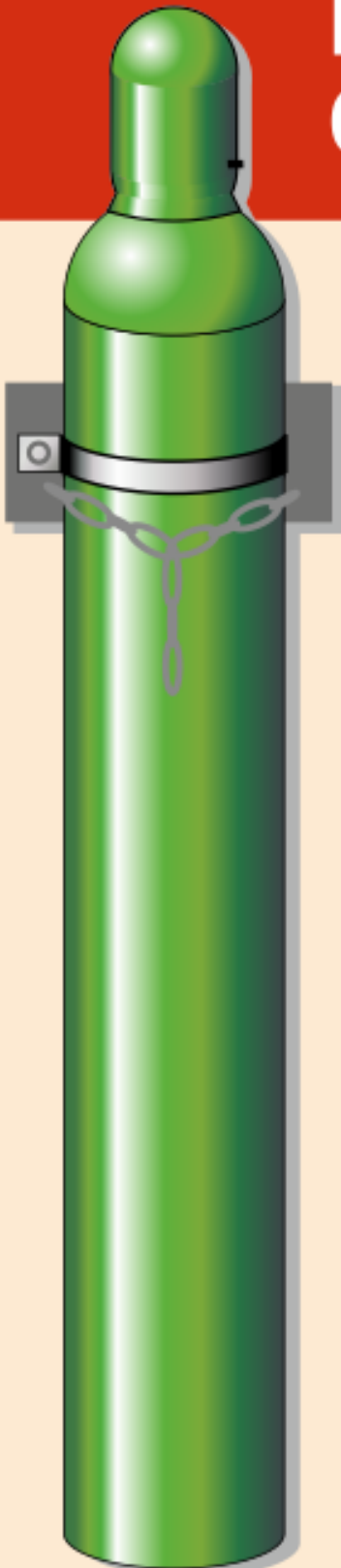
Today we'll talk about some tips for compressed gas cylinder storage.

- Store cylinders with their cylinder valves in the closed position;
- Securely attach cylinder valve caps;
- Separate cylinders according to their contents. Place oxygen cylinders at least 20 feet from any flammable gas cylinders or combustible materials; or by a noncombustible barrier at least five-feet high and with a fire-resistant rating of at least 30 minutes;
- Identify empty cylinders, and store empty cylinders separate from full cylinders;
- Secure all cylinders while in storage and in use;
- Ventilate all cylinder storage;
- Keep cylinder storage away from fire and potential electrical hazards;
- Ensure all cylinders are labeled to identify their contents. Do not trust the cylinder color code as identification method for cylinder content (Medical gas cylinders are to be color coded but check the label to be certain.);
- Return any cylinder to the supplier if the label does not identify contents;
- Store acetylene cylinders upright;
- Avoid dropping or striking cylinders.



Compressed gas cylinders provide a convenient way to do our work and live our lives. Please take the extra precautions when handling and storing these items both at work and at home.

Handling & Storing Cylinders Safely



- 1 SECURE cylinders properly at all times.
- 2 STORE cylinders in cool, well-ventilated, fire-resistant areas in compliance with local, state and federal regulations.
- 3 PLACE cylinders where they will not be damaged by forklifts, knocked over or hit by falling objects.
- 4 CLOSE valves and TIGHTEN caps when not in use.
- 5 INSPECT cylinders for leaks and CHECK support brackets regularly for strength and integrity.
- 6 MOVE cylinders using hand trucks designed for the purpose.
- 7 REPORT leaks or any damage to your supervisor immediately.

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Trainer

Trainer Signature

Compressed Gas Cylinders

Topic

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