



COMPRESSED GAS

is stored within cylinders under a high PSI (pressure per square inch). Cylinders can be found all over campus for a variety of tasks in the arts, the sciences, and facilities. Cylinder hazards can include: fire, explosions, toxic gas exposure, and physical hazards from mishandling. The weakest point on a cylinder is the valve on the top. A broken valve can release enough pressure to blow through concrete walls. Proper storage and handling are crucial for ensuring cylinder safety.

SAFE STORAGE:

- Store in ventilated, dry, and fire resistant areas.
- Secure with chains or straps in an upright position with the cap on.
- Do not store in walkways or near leading edges.
- Make sure all cylinders are labeled.
- Group and store based on the hazard class.
- Store oxidizers 20 ft. away from flammables, or place a 30 minutes fire wall between.
- Store asphyxiants away from oxidizers and sources of sparks, flames, and heat.
- Store empty cylinders separately, if possible.

SAFE HANDLING:

- Turn valves off, place caps on, and keep upright when transporting.
- Do not lift by the valve or cap and avoid dragging.
- Labeling should be accurate. Do not identify by color.
- Turn valve off when attaching or detaching regulators.
- Turn valve off when not in use.

WHAT TO DO!

- Store and handle cylinders properly!
- Report cylinder concerns to your supervisor!
- Direct additional concerns or questions to EHS.
- Report injuries to your supervisor immediately!
- In an emergency, call **911** and **UOPD** (541-346-2919) for immediate assistance!



Secure cylinders and handle with care!



Turn valve off before attaching or detaching regulators!



Store in open, ventilated, and fire resistant area with caps on!

