



Minnesota Electrical Association

Electrical Toolbox Talks

Compressed Gas Safety

Transportation

- protective cap installed
- roll on bottom edge to move; do not drag
- hoisted, secured on a cradle, slingboard, or pallet—NOT CHOKER SLINGS
- secured and upright

Storage

- secured and upright in designated area
- protect from being struck
- dry, well-ventilated areas (should be resistant to fire)
- keep temperature below 125°F
- protect from weather, dampness, and direct sunlight
- do not lay cylinder on its side

When empty, cylinders shall be stored:

- secured and upright
- valves closed
- separated from full cylinders
- oxygen cylinders in storage shall be separated from fuel or combustible materials a minimum distance of 20 feet or by noncombustible barrier at least 5 feet high and fire rating of 1/2 hour

Regulators

- Kept in proper working order
 - Glass is kept clean and intact
 - Lines are bled when not in use
- Kept away from oil and grease
 - cylinders and caps
 - valves and couplings
 - regulators and hoses
 - hands and gloves

Hoses

- distinguishable by color or touch
- not interchangeable
- no more than 4" out of 12" taped
- inspected daily
- flashback potential - test at twice the normal pressure - no greater than 300 p.s.i.

Torches

- tips kept clean
- inspected at the beginning of each shift
 - leaking shutoff valves
 - hose couplings
 - tip connections
- lighted by friction lighters—not matches!

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