

Compressed Gas Cylinders

Additional Resources:

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Valve protection caps shall be in place and secured when compressed gas cylinders are transported, moved, or stored. 1926.350(a)(1)

Cylinder valves shall be closed when work is finished and when cylinders are empty or are moved. 1926.350(a)(8)

Compressed gas cylinders shall be secured in an upright position at all times, except if necessary for short periods of time when cylinders are actually being hoisted or carried. 1926.350(a)(9)

Oxygen cylinders in storage (by interpretation, a cylinder is considered in storage after a 24-hour period of not being used) shall be separated from fuel-gas cylinders or combustible materials (especially oil or grease), a minimum distance of 20' (6.1 m) or by a noncombustible barrier at least 5' (1.5 m) high having a fire-resistance rating of at least 1/2 hour. 1926.350(a)(10)

Inside of buildings, cylinders shall be stored in a well-protected, well-ventilated, dry location at least 20' (6.1 m) from highly combustible materials such as oil or excelsior. Cylinders shall not be kept in unventilated enclosures such as lockers and cupboards. 1926.350(a)(11)

Cylinders shall be kept far enough away from the actual welding or cutting operations so that sparks, hot slag, or flame will not reach them. When this is impractical, fire-resistant shields shall be provided. Cylinders shall be placed where they cannot become part of an electrical circuit. 1926.350(b)(1) through (2)

When a special wrench is required, it shall be left in position on the stem of the valve while the cylinder is in use so that the fuel gas flow can be shut off quickly case of an emergency. 1926.350(d)(2)

Boxes used for the storage of gas hose shall be ventilated. 1926.350(f)(6)

Oxygen and fuel gas pressure regulators shall be in proper working order while in use. 1926.350(h)

Torches shall be lit by approved friction devices only and not by cigarettes, matches, lighters or hot work. 1926.350(9)(3)