

# COMPRESSED GAS CYLINDERS CHECKLIST

Date	
Location	
Completed by	

OK = Satisfactory | AN = Action Needed | N/A = Not Applicable

		OK	AN	N/A
1	All compressed gas cylinders are in a safe condition to the extent that can be determined by a visual inspection. [1910.101(a)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
2	The gas content of compressed gas cylinders is marked with either the chemical or the trade name of the gas. [1910.253(b)(1)(ii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
3	Cylinders are stored away from radiators and other sources of heat. [1910.253(b)(2)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
4	Cylinders that are stored inside have a designated storage area that is located in a well-protected, well-ventilated, dry location that is at least 20 feet from highly combustible materials and away from elevators, stairs, or gangways. [1910.253(b)(2)(ii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
5	The cylinder storage space is located where cylinders will not be knocked over or damaged by passing or falling objects, or subject to tampering by unauthorized persons. [1910.253(b)(2)(ii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
6	The valves of empty cylinders are kept closed. [1910.253(b)(2)(iii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7	Valve protection caps are always in place and hand-tight, except when in use or connected for use. [1910.253(b)(2)(iv)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
8	Inside a building, fuel gas cylinders (except for those in actual use, or attached ready for use) are limited to a total gas capacity of 2,000 cubic feet or 300 pounds of liquified petroleum gas. [1910.253(b)(3)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
9	Acetylene cylinders are stored valve end up. [1910.253(b)(3)(ii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
10	Oxygen cylinders are not stored near highly combustible material (especially oil and grease); near reserve stocks of carbide, acetylene, or other fuel gas cylinders; near any other substance likely to cause or accelerate fire; or in an acetylene generator compartment. [1910.253(b)(4)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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11	Fuel gas cylinders and oxygen cylinders in storage are separated by a distance of at least 20 feet, or by a non-combustible barrier at least 5 feet high, having a fire-resistance rating of at least 30 minutes. [1910.253(b)(4)(iii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
12	Cylinders, cylinder valves, couplings, regulators, hoses, and apparatuses are kept free of oily or greasy substances. [1910.253(b)(5)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
13	Cylinders are never dropped, struck, or permitted to strike each other with force. [1910.253(b)(5)(ii)(B)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
14	Valve-protection caps are never used for lifting cylinders from one vertical position to another. [1910.253(b)(5)(ii)(C)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
15	Regulators are removed and valve-protection caps put in place before moving cylinders unless they are secured on special trucks. [1910.253(b)(5)(ii)(D)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
16	Cylinders without fixed hand wheels have keys, handles, or nonadjustable wrenches on the valve stems while the cylinders are in service. In multiple cylinder installations, only one key or handle is required for each manifold. [1910.253(b)(5)(ii)(E)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
17	Cylinder valves are closed when work is finished, and before moving any cylinder. [1910.253(b)(5)(ii)(F-G)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
18	Cylinders are kept far enough away from the welding or cutting operation so that sparks, hot slag, or flame will not reach them, or fire-resistant shields are provided. [1910.253(b)(5)(ii)(I)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
19	Whether full or empty, cylinders are never used as rollers or supports. [1910.253(b)(5)(ii)(K)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
20	Only proper tools are used to open cylinder valves (never a hammer or a wrench). [1910.253(b)(5)(ii)(Q)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
21	When in use, fuel gas cylinders are placed with the valve end up. [1910.253(b)(5)(iii)(A)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
22	Workers are trained to never crack open a fuel gas cylinder valve near sources of ignition. [1910.253(b)(5)(iii)(C)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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23	Before a regulator is removed, the valve is closed, and gas is released from the regulator. [1910.253(b)(5)(iii)(D)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
24	Cylinders with leaky valves or fittings are taken outdoors, away from ignition sources, and slowly emptied. [1910.253(b)(5)(iii)(F)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
25	Warning signs are posted that prohibit open flame or ignition sources near cylinders with leaking fuse plugs (or other leaking safety devices) and the cylinders are tagged. [1910.253(b)(5)(iii)(G)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
26	Cylinder manifolds have been installed under the supervision of someone familiar with the proper practices with reference to their construction and use. [1910.253(c)(5)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
27	When acetylene cylinders are coupled, approved flash arresters have been installed between each cylinder and the coupler block. [1910.253(c)(5)(iii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
28	The aggregate capacity of fuel-gas cylinders connected to a portable manifold inside a building does not exceed 3,000 cubic feet of gas. [1910.253(c)(5)(iv)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
29	Acetylene and liquefied fuel-gas cylinders are manifolded in a vertical position. [1910.253(c)(5)(v)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
30	In service piping systems, the distribution lines have been installed and are maintained in a safe operating condition. [1910.253(d)(3)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
31	Emergency gas cocks or valves are provided for all buildings. [1910.253(d)(3)(v)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
32	Underground and outdoor pipe and tubing is protected against corrosion. [1910.253(d)(4)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
33	Flashback protection is provided by an approved device that will prevent flame from passing into the fuel-gas systems. [1910.253(e)(3)(ii)(C)(3)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
34	Hoses showing defects are repaired or replaced. [1910.253(e)(5)(v)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
35	Pressure-reducing regulators are only used for the gas and pressures for which they are intended. [1910.253(e)(6)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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36	Gauges on oxygen regulators are marked "USE NO OIL". [1910.253(e)(6)(iii)]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
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Action Needed Items and Additional Notes:

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