**BLR**

**Audit**

**Checklists**



**Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Work Area: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Inspected By: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_**

**Compressed Gases Checklist**

**Compressed Gases (29 CFR 1910.101, .103, .104)**

 **HYDROGEN:**

29 CFR 1910.103

* Are permanently installed containers provided with noncombustible supports and foundations? [(b)(1)(i)(b)]
* Are portable containers marked “Hydrogen”? [(b)(1)(i)(c)]
* Are storage containers and accessories protected from tampering and physical damage? [(b)(1)(iv)(c)]
* Are housings or containers adequately ventilated? [(b)(1)(iv)(d)]
* Are the hydrogen storage locations permanently placarded: HYDROGEN— FLAMMABLE GAS—NO SMOKING— NO OPEN FLAMES? [(b)(1)(v)]
* Is the system located—

—Aboveground? [(b)(2)(i)(b)]

—Away from electric power lines? [(b)(2)(i)(c)]

—Away from flammable liquid piping or piping of other flammable gases? [(b)(2)(i)(d)]

 **OXYGEN:**

29 CFR 1910.104

* Before placing the system in service, is all oil, grease, or other readily oxidizable materials cleaned off of it? [(b)(8)(i)]
* Is the installation of the bulk oxygen system supervised by personnel familiar with proper practices? [(b)(8)(iv)]
* After installation, is all piping tested and proved gas tight at maximum operating pressure? [b)(8)(v)]

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* Are bulk oxygen storage systems located aboveground out-of-doors or installed in a building of noncombustible construction? [(b)(2)(i)]
* Is the system readily accessible to supply equipment and authorized personnel? [(b)(2)(ii)]
* Is the system located 50 feet from any combustible structures? [(b)(3)(ii)]
* Are storage containers and accessories protected against physical damage and tampering? [(b)(8)(vi)]
* Are bulk oxygen storage locations permanently placarded: OXYGEN— NO SMOKING—NO OPEN FLAMES? [b)(8)(viii)]
* Is long grass and wood cut back within

15 feet of bulk oxygen storage containers? [(b)(10)]

 **INSPECTION:**

29 CFR 1910.101

* Are CGCs visually inspected to determine that they are in safe condition? [.101(a)]

 **SAFETY RELIEF DEVICES:**

29 CFR 1910.101, .103, .104

* Do all compressed gas cylinders, portable tanks, and cargo tanks have pressure relief devices installed and maintained? [.101(c)]
* Are hydrogen containers equipped with safety relief devices? [.103(b)(1)(ii)]

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*Continued*

* Are safety relief devices arranged to discharge upward and unobstructed to the open air? [.103(b)(1)(ii)(b)]
* Are safety relief devices or vent piping located or designed so that moisture cannot collect? [.103(b)(1)(ii)(c)]
* Are bulk oxygen storage containers equipped with safety relief devices? [.104(b)(6)]



Corrective Action Completed (date): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Supervisor: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Routed to:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

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