**Compressed Gases Template Guide**

The template criteria provided below is a sample list of audit or inspection criteria that is potentially related to the operations at your organization. You may review the samples below and use them as jumping off points for creating custom audit or inspection templates in the SafetySkills Empower system. They may be used in their entirety without change or edited and expanded to suit the specific needs of your organization. Use of these criteria is entirely optional and to be used at your discretion.

**Storage**

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| Are gases stored in a dedicated area, designed for purpose? |
| Is ventilation adequate (complete exchange six times per hour minimum)? |
| Is the gas area separate from other storage areas by 50ft? |
| Is the gas area offset from the facility fence line by 50ft? |
| Is storage kept locked or secured in some other way to prevent unauthorized entry? |
| Are incompatible gases stored apart by 20ft or are otherwise segregated by a 5ft wall or partition, with a 30min fire resistance rating? |
| Is dry vegetation and other combustible material at least 15ft away from the gas storage area? |
| Are all open flames or ignition sources extinguished within 50ft? |
| Are cylinders protected from exposure to direct sunlight? |
| Are no sources of extreme heat from mechanical or electrical sources present? |
| Is storage away from public thoroughfares, and protected from all motorized traffic? |
| Are no smoking signs posted? |
| Are chemical hazard identification signs (FLAMMABLE, POISON, etc.) or accurate NFPA 704 placards posted? |
| Are cylinders properly labeled with the manufacturer's label, or equivalent replacement? |
| Are large cylinders stored with the screw-on safety valve-protector cap on? (not needed for small capacity/round-ended cylinders) |
| Are cylinders stored with a strap, chain, or other device to prevent them falling over? |
| Are liquified gases stored upright or otherwise to ensure the pressure-relief valve directly contacts the vapor space in the cylinder? |
| Are cylinders safe from becoming part of an electrical circuit? |
| Are low-pressure fuel-gas cylinders checked periodically for corrosion, general distortion, cracks, or other defects that might indicate a weakness or render them unfit for service? |

**Moving and Operation**

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| Do cylinders with water-weight capacity over 30 pounds equipped have a means for connecting a valve protector or device, or a collar or recess, to protect the valve? |
| Are cylinders legibly marked to clearly identify the gas contained? |
| Are cylinders stored or transported in a manner that prevents them from creating a hazard by tipping, falling, or rolling, using a cylinder trolley or similar? |
| Are cylinders containing liquefied fuel gas stored or transported upright, so that the safety relief devices are in direct contact with the cylinder vapor space? |
| Are safety valve-protector capsc always placed on cylinders when the cylinders are not in use and when being moved? |
| Are all valves closed off before cylinders are moved, when cylinders are empty, and at the completion of each job? |
| Does the periodic check of low-pressure fuel-gas cylinders include inspection of the bottom of each cylinder? |
| Are regulator-pressure adjusting screws released when welding or cutting is stopped for an extended period of time?  **Compressed and Cryogenic Gas Safety**   |  | | --- | | Are cylinders stored upright and properly secured at all times? | | Are caps properly secured when cylinders are not in use? | | Are regulators always used, proper regulators used for type gas, pressure bled when not in use? | | Are cylinders in good condition and clearly marked? | | Are flammables stored separately from oxidizers, toxics in secure area, etc.? | | Are cylinders of flammable gases stored in ventilated enclosures? | | Are cylinders moved on cylinder trucks with regulators removed and caps secured? | | Are cylinders of toxic gases (e.g., NFPA health hazard 3 or 4 and 2) stored and used in continuously ventilated enclosures? | | Are cryogenic gas cylinder pressure relief values in proper working condition? | | Are oxygen monitors available in areas with increased likelihood of oxygen deficient atmospheres? | |