

# Compressors, Compressed Air, & Gases

|                    |                  |
|--------------------|------------------|
| Company name       | Facility Address |
| Manager/supervisor | Date/time        |
| Inspector(s)       |                  |

| Area Inspected  | Yes        | No        | N/A        |
|---|------------|-----------|------------|
| Compressors equipped with pressure relief valves and pressure gauges?   |            |           |            |
| Compressor air intakes installed and equipped to ensure only clean uncontaminated air enters?   |            |           |            |
| Air filters installed and regularly inspected?  |            |           |            |
| Compressor safety devices checked frequently?   |            |           |            |
| Before repair work is done on the pressure system, is the pressure bled-off and the system locked-out?  |            |           |            |
| Signs posted warning of automatic starting feature of the compressors?  |            |           |            |
| Belt drive system totally enclosed?   |            |           |            |
| Is it strictly prohibited to direct compressed air towards a person?  |            |           |            |
| Safety chains or other suitable locking devices used at couplings of high pressure hose lines where a connection failure could create a hazard?   |            |           |            |
| When compressed air is used with abrasive blast cleaning equipment, is the opening valve a type that must be held open manually?  |            |           |            |
| Is every compressed air receiver equipped with a pressure gauge and with one or more automatic, spring-loaded safety valves?  |            |           |            |
| Is the total relieving capacity of the safety valve capable of preventing pressure in the receiver from exceeding the maximum allowable working pressure of the receiver by more than 10 percent? |            |           |            |
| Every air receiver provided with a drain pipe and valve at the lowest point for the removal of accumulated oil and water?   |            |           |            |
| Compressed air receivers periodically drained of moisture and oil?  |            |           |            |
| All safety valves tested frequently and at regular intervals to determine whether they are in good operating condition?   |            |           |            |
| Is there a current operating permit?  |            |           |            |
| Inlets of air receivers and piping systems free of accumulated oil and carbonaceous materials?  |            |           |            |
| <b>Compressed Gas Cylinders</b>   |            |           |            |
| Cylinders with a water capacity over 30 pounds, equipped with means for connecting a valve protector device, or with a collar or recess to protect the valve?                                     |            |           |            |
| Cylinders legibly marked to clearly identify the gas contained?   |            |           |            |
|   | <b>Yes</b> | <b>No</b> | <b>N/A</b> |

| Area Inspected   |  |  |  |
|--|--|--|--|
| Compressed gas cylinders stored in areas that are protected from external heat sources?  |  |  |  |
| Cylinders located or stored in areas where they will not be damaged by passing or falling objects or tampered by unauthorized persons?   |  |  |  |
| Cylinders stored or transported in a manner to prevent them from creating a hazard by tipping, falling, or rolling?  |  |  |  |
| Valve protectors/caps always placed on cylinders when cylinders are not in use or connected for use?   |  |  |  |
| All valves closed off before a cylinder is moved, when the cylinder is empty, and at the completion of each job?   |  |  |  |
| Low-pressure fuel-gas cylinders checked periodically for corrosion, general distortion, cracks, or any other defect that might indicate a weakness or render it unfit for service? |  |  |  |
| Does the periodic check of low-pressure fuel-gas cylinders include a close inspection of the cylinders' bottom?  |  |  |  |
| Cylinders stored at least 20 feet away from highly combustible materials?  |  |  |  |
| Bottles maintained with current hydro inspection dates?  |  |  |  |
| Fuel gas and oxygen stored a minimum of 20 feet apart or separated by a 1 hour firewall?   |  |  |  |
| In-service cylinders adequately supported to prevent tipping?  |  |  |  |