

List fuel/power shutoff devices required _____

CO₂ System
Manufacturer _____

Detection
Manufacturer _____

Control Panel
Manufacturer _____

Detection System

		QTY
Pneumatic	<input type="checkbox"/>	_____
Ionization-type smoke detectors	<input type="checkbox"/>	_____
Photoelectric-type smoke detectors	<input type="checkbox"/>	_____
Heat detectors	<input type="checkbox"/>	<input type="checkbox"/> RR <input type="checkbox"/> RC <input type="checkbox"/> FIXED TEMP _____
Other:		

Type of detection for CO₂ system operation

Pneumatic

Single zone

Two zones (crossed zoned)

Two detectors on any zone

Other:

Record of installation steps

a) All piping cleaned and reamed prior to assembly.

Signed: _____ Date: _____

b) All assembled piping blown out prior to installation of nozzles and discharge devices.

Signed: _____ Date: _____

c) Test Distribution piping and valves, prior to nozzle installation, to 50 psi (340 kPa) air pressure test. Inspect joints using soap water solution or halide torch or lamp. Repair any leaks and retest until system maintains the test pressure for four hours.

Signed: _____ Date: _____

d) Thorough visual inspection of the installed systems and hazard area completed. The piping, operational equipment, and discharge nozzles has been inspected for proper size and location. The locations of alarms and manual emergency release have been confirmed. The configuration of the hazard has been compared to the original hazard specifications. The hazard has been inspected closely for additional openings and sources of agent loss that could have been overlooked in the original specifications. All additional openings are listed in comments section for verification of calculations.

Signed: _____ Date: _____

e) All warning signage is in place – inside and outside of the enclosure, and in adjacent spaces (if required).

Signed: _____ Date: _____

f) A check was made of labeling of devices for proper designations and instructions. Nameplate data on storage containers have been compared to specifications.

Signed: _____ Date: _____

g) Nondestructive operational tests have been performed on all devices necessary for proper functioning of the system, including detection and actuation devices.

Signed: _____ Date: _____

h) A full discharge test has been performed on all systems. Where multiple hazards are protected from a common supply, a full discharge test has been performed for each hazard.

Signed: _____ Date: _____

Comments:

Completion of the system satisfactory tests witnessed by representative for the authority having jurisdiction:

Signed: _____

Date: _____

	Weight of CO₂ with tank	Weight of cylinder (tare weight)	Weight of CO₂ Agent
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			
11			
12			
13			
14			
15			

	Weight of CO₂ with tank	Weight of cylinder (tare weight	Weight of CO₂ Agent
16			
17			
18			
19			
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

	Weight of CO ₂ with tank	Weight of cylinder (tare weight)	Weight of CO ₂ Agent
31			
32			
33			
34			
35			
36			
37			
38			
39			
40			
41			
42			
43			
44			
45			

	Weight of CO ₂ with tank	Weight of cylinder (tare weight)	Weight of CO ₂ Agent
46			
47			
48			
49			
50			
51			
52			
53			
54			
55			
56			
57			
58			
59			
60			