

## Detail Company Checklist for Carbon Monoxide Detector Activation

Location \_\_\_\_\_ Incident Number \_\_\_\_\_  
 Time of Alarm \_\_\_\_\_ Time of Measurement \_\_\_\_\_

Questions to ask occupants:

Are any members of the household feeling ill?

Headache	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Fatigue	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Nausea	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Dizziness	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Shortness of Breath	Yes <input type="checkbox"/>	No <input type="checkbox"/>	Confusion	Yes <input type="checkbox"/>	No <input type="checkbox"/>
Other _____	Yes <input type="checkbox"/>	No <input type="checkbox"/>			

A "Yes" response to any requires an EMS evaluation by paramedics.

Do you feel better when away from the house? Yes  No

What appliances were on at the time of activation? \_\_\_\_\_

What appliances were in use for the last 24 hours? \_\_\_\_\_

### Gas Detection Meter Checklist

Area of	Room Location	PPM Reading	Area of	Room Location	PPM Reading
Outside Reading			Gas Dryer		
Upon Entering			Garage		
Space Heater			Furnace		
Hot Water Heater			Chimney		
Gas Refrigerator			Fireplace		
Stove/Oven			BBQ Grill		
CO Detector					

CO Detector Information \_\_\_\_\_

Make \_\_\_\_\_ Model \_\_\_\_\_ Serial # \_\_\_\_\_

Name of individual handling CO monitor \_\_\_\_\_ Monitor # \_\_\_\_\_

Officer completing checklist \_\_\_\_\_

This completed checklist must be completed for every CO detector activation and

Fire Department Carbon Monoxide Detector Activation

**Notice of Findings**

Carbon monoxide is an odorless, tasteless, colorless gas that is DEADLY. It is a by-product of a fuel burning process. It can cause symptoms that can mimic the flu to unconsciousness and even death. Many appliances around the home are capable of producing carbon monoxide when a fault or unusual condition exists. Since the source may be transient in nature, the source may not always be detectable.

The \_\_\_\_\_ Fire Department responded to your building at \_\_\_\_\_ on \_\_\_\_\_.  
The incident number is \_\_\_\_\_

Carbon monoxide at the highest level of \_\_\_\_\_ ppm (parts per million) was found.

	What Does This Reading Mean?
Less than 10 ppm	Our instruments did not detect elevated levels at this time. Check your carbon monoxide detector per the manufacturer's recommendations. Call the manufacturer for additional information (number may be on back of unit). Install a replacement detector/sensor module. If it activates again, call the fire department back.
10 or more ppm	We have detected potentially dangerous levels of carbon monoxide. We are recommending you leave your home immediately. It is not safe until repairs are made and a replacement detector/sensor module is installed.
100 ppm or greater	We have detected a potentially lethal level of carbon monoxide in your home. Leave your home immediately! It is not safe until repairs are made or the source is found and corrected. The building will be posted "NOT SUITABLE FOR OCCUPANCY" and the building department will be notified.  Have your sources of carbon monoxide examined and repaired by a licensed contractor. The contractor should contact the building department and the fire prevention bureau for a re-inspection prior to re-occupying the building. A replacement detector/sensor module should be installed.

Carbon monoxide affects individuals differently depending on the size and medical history of the occupant. Therefore, families with young children or members with medical conditions should take extra precautions in the event that carbon monoxide was detected.

Issued by: \_\_\_\_\_ of the \_\_\_\_\_ Fire Department

Received by: \_\_\_\_\_ Date: \_\_\_\_\_

## Symptoms of Carbon Monoxide Exposure

Concentration in air PPM	Resulting Condition / Effect on Humans
35	The maximum allowable concentration for continuous exposure in any 8 hr. period according to Federal law
100	In an average healthy person the blood level will not reach a level higher than 10% Carboxyhemoglobin within 90 minutes, which generally means it will have little or no effect on the average healthy person
200	Slight headache, tiredness, nausea after 2 to 3 hours of exposure. Maximum allowable at any time.
400	Frontal headache after 1 to 2 hrs. Life threatening after 3 hrs.
800	Dizziness, headache, and nausea within 45 minutes, Collapse and possible death in 2 hours.
1500	Immediately Dangerous to Life and Health
1600	Headache, Dizziness, nausea in 20 minutes. Collapse and possible death in 1 hour.
3200	Headache, Dizziness, and nausea within 5 to 10 min. Death within 30 minutes.
6400	Headache and dizziness in 1 to 2 minutes. Death within 10 to 15 minutes.
12,800	Immediate unconsciousness. Death in 1 to 3 min.

Affects can vary depending on the individuals health and activity being performed.

10,000 PPM = 1% by volume

## Leading Causes of CO

Any device burning a carbon based fuel

Furnace - gas , propane , oil

Gas appliances - oven , range , fireplace

Wood Stove

Pellet Stove

Automobile

Water Heater

Leaky Chimney

Faulty Detector

If source of CO is found to be connected to natural gas, contact Cascade Natural Gas Co.

24 hours at 1-800-552-0615

---

### Physical Properties:

Autoignition Temperature: 1128 degrees F  
Density: .968 (air = 1.0 )  
Explosive Limits: LEL = 12.5%  
UEL = 75%

---