

**JEFFERSON COUNTY FIRE DISTRICT #1
STANDARD OPERATING GUIDELINES**

SOG 302

CARBON MONOXIDE INCIDENTS

I. PURPOSE

- A. To define the appropriate guidelines for responses to reports of carbon monoxide (CO) incidents.

II. SCOPE

- A. These standards apply to all personnel of the District.

III. AUTHORITY AND RESPONSIBILITY

- A. It will be the responsibility of the Chief and the Officers to insure that these guidelines are followed.

IV. STANDARDS

- A. The first arriving Company shall verify the alarm is coming from a smoke detector or a carbon monoxide detector. The cause of the alarm shall be determined, i.e. true alarm, low battery indication, poor location of device, etc.
 - 1. If it is a smoke detector alarm they shall investigate the cause of the alarm and take necessary action to mitigate the situation.
 - 2. If it is a CO detector they shall:
 - a. Determine if anyone is exhibiting any symptoms of possible carbon monoxide poisoning; if so, immediately evacuate and ventilate the premises and request Jefferson Co Ambulance to respond
 - b. Begin the investigative procedure
 - 3. If no one exhibits any symptoms of carbon monoxide poisoning, it will not be necessary to evacuate or ventilate the premises unless a level of over 9 ppm is detected by a meter
 - 4. The gas company will be requested to respond if:
 - a. A CO level of over 9 ppm is indicated on the meter
 - b. Or a gas appliance is turned off
 - c. Or someone is showing signs of being ill due to carbon monoxide
 - d. Or the IC feels a response by the gas company is needed
- B. Carbon monoxide investigations
 - 1. Zero the meter in fresh air and comply with start up procedures
 - 2. Initiate a survey of the premises to determine if there are any amounts of carbon monoxide present

3. All personnel shall make complete use of SCBA in any atmosphere that is in excess of 35 ppm of CO
4. If a reading of 9 ppm or less:
 - a. Inform the occupants that the instrument did not detect an elevated level of CO at the time
 - b. Recommend occupants check their CO detector as per manufacturer recommendations

APPROVED:

DATE 10-01-2001

Earl Cordes
Fire Chief