

# Combustible Gas Indicator Instructions

This Combustible Gas Indicator (CGI) has been provided for your use by the Village of St. Bernard. The CGI will alarm in the event that combustible gas is detected in your residence at the level of detection set on the indicator. While the CGI is calibrated to detect methane, other sources of combustible gas or vapors that may be present in your residence may also activate the alarm. Such sources of combustible gas include vehicle engine exhaust, paint strippers or solvents, gasoline or other fuels, propane, natural gas, aerosol sprays, and similar combustible materials. Such materials should be isolated from the indicator to minimize the potential for false alarms. *The CGI must be plugged in to an electrical outlet at all times to function. The green indicator light should be illuminated at all times. Alarms may sound briefly after power is restored following a disruption in electrical service, or if the CGI is unplugged and moved to a new location. Please notify SCS if you would like the CGI moved.*

The CGI has been calibrated to detect methane in concentrations as low as 10,000 parts per million or 1.0%. This level of methane detection is below the minimum concentration of 5% required to support combustion. Thus initial activation of the alarm does not represent an immediately hazardous condition. However, if the duration of the alarm is not known (for example, if the alarm is sounding on initial entry to the residence and you do not know how long the alarm has been on) then conditions in the residence may be immediately hazardous.

Should your CGI require service or should you believe it needs to be re-calibrated, please contact:

Randall Mills, SCS Engineers  
(513) 421-5353 (office)

For additional information regarding the St. Bernard Landfill and the combustible gas indicator program, please contact:

Nick Schapman, GHD/Conestoga-Rovers & Associates  
(513) 942-4750, ext #20 (office)

or

Phil Stegman, St. Bernard Service Director  
(513) 482-7494 (office)

**Thank You For Your Cooperation With  
This Safety Program**

# Alarm Notification Procedures:

If the alarm sounds while you are in the home:

1. **Contact the City of St. Bernard Fire Division at 242-2727 and tell the dispatcher that the combustible gas indicator in your home is sounding its alarm. The St. Bernard Fire Department has equipment to determine if your home is safe and will respond to check levels of combustible gas in your home.**
2. **Do not open doors and windows to ventilate the home. This will allow the Fire Department to make an accurate assessment of the conditions in your home.**
3. **Evacuate the home until the Fire Department determines that the home is safe.**

If the alarm is sounding when you enter the home or you do not know how long the alarm has been on:

1. **Immediately evacuate the home and contact the St. Bernard Fire Division from a phone outside your residence and indicate to the dispatcher that a potential accumulation of explosive levels of methane may be present at your address.**

**St. Bernard Fire  
Department  
242-2727  
or  
Dial 911**

2. **Remain outside or with neighbors or friends until the Fire Department determines that your home is safe to re-enter.**

After the Fire Department has determined you home is safe, please contact SCS Engineers to make an appointment to allow SCS to check the CGI to ensure it is operating properly.