

Welcome To Better Earth Environmental

In partnership with



**PRECAUTIONS TO BE TAKEN WHEN USING GAS MONITORS**

- 1) The following substances will poison and affect the ability of the combustible gas sensor to accurately indicate combustible gas concentration.
  - High levels of combustible gas
  - Silicone
  - Silicane
  - Halogenated Hydrocarbons
  - Antiknock compounds in gasoline

Note: the exposure to any of these substances, the portable gas monitor must be immediately calibrated before using instrument again!!

- 2) Never allow the probe to be placed in any liquid. This can cause damage to the combustible gas sensor.
- 3) The instrument must always be zeroed in a known gas free environment
- 4) Heated samples found in areas such as hot tanks. Condensation may occur through the sample line. The water vapour formed can block the flow system as well as corrode the sensor.
- 5) High concentrations of gas sampled, especially those above 100% LEL, causes over heating of the filament in the sensor, thus causing damaged to the sensor.
- 6) Oxygen levels lower the 21.0% will tend to read low due to insufficient oxygen levels. Oxygen levels higher then 21.0% should be avoided because the flame arrestor may not be dense enough to arrest flames from the combustible gas in oxygen.

**Questions or concerns? Contact us [HERE](#)**