

GAS MONITOR USE



**Some hazardous gases cannot be sensed at high concentrations.
Gas monitors can alert when these gases are present.**

PREPARATION

Bump test monitor two weeks before planned activity & everyday it is used.
If monitor fails bump test or takes more than 60 seconds to respond:

- Fully calibrate the monitor
- Order a new monitor

Your life depends on the effectiveness of the monitor.

USE

Gas monitors should be used for:

- **Livestock Production** (manure storage, manure pumping, foaming manure, pressure washing)
- **Grain Bins**

Check space before entering by running monitor for one minute per location.

When wearing monitor, position it close to the face.

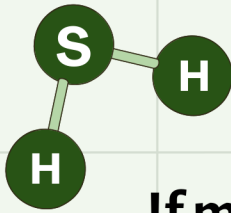
STORAGE

Store in hibernation case if available.

- This case will extend the life of the monitor.

If a case is not available, **store in an area where measured gases are not present.**

RESPONSE



Hydrogen Sulfide (H₂S)

If monitor alarms or reaches 20 ppm:

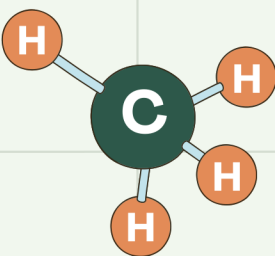
Evacuate the area immediately
Ventilate
Pay attention to gas concentration

2-20 ppm can cause:

Nausea
Dizziness
Headache

>100 ppm can cause:

Altered breathing
Collapse
Death



Methane (CH₄) or Lower Explosive Limit (LEL)

If oxygen levels drop below 21%:

Monitor is not accurate
Evacuate the area
Ventilate

Sensor is not reliable if O₂ is under 21%.

If %LEL reaches 10%:

Evacuate area immediately
Ventilate
Do NOT return until it reaches 0%

When the LEL reaches 100%, the air is explosive.