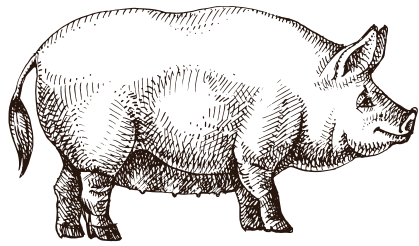




Check out our FarmSafe podcast episode, *Gas Monitors*, to learn more about how to use, store, & bump test these monitors.

# AIR QUALITY & GAS EXPOSURES



## Gas Sources in Livestock Production

**Manure Storage**  
Under slatted floor  
Outside lagoon, pit, or tank

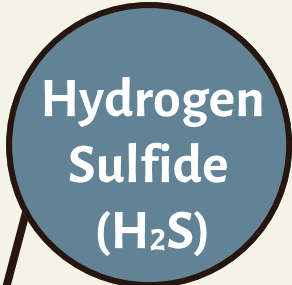
**Foaming Manure**  
If foaming is presented, significant methane risk

**Manure Pumping**  
Under slatted floor  
Outside lagoon, pit, or tank

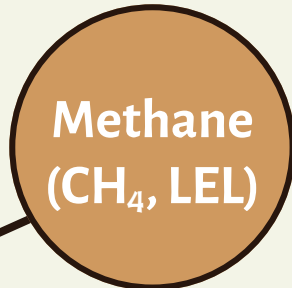
**Gas-Fired Heaters**  
Combustion byproducts

**Animal**  
Exhaled breath

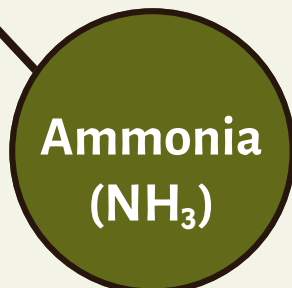
Non-gas hazards include dust and endotoxin exposures and other animal handling risks.



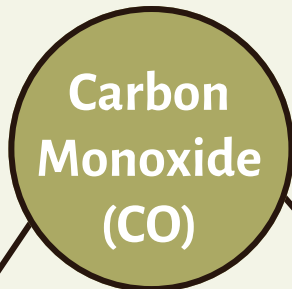
Paralyzes Respiratory System, Can Be Fatal



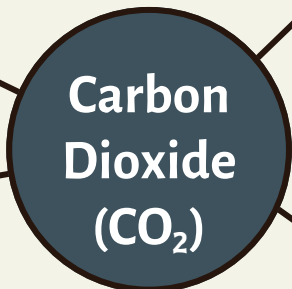
Explosion Hazard



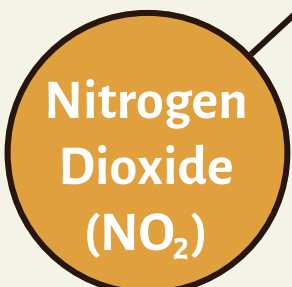
Eye & Lung Irritant



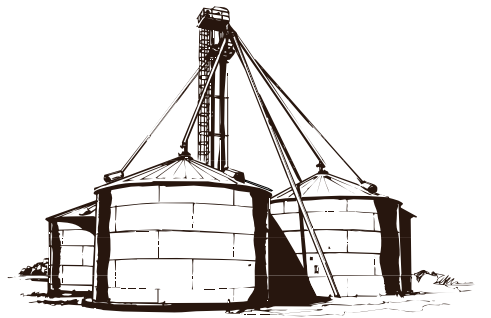
Reduces Blood Oxygen, Can Be Fatal



Decline in Mental Acuity



Can Cause Pulmonary Edema (Fluid in Lungs)



## Gas Sources in Grain Bins

**Inside Bins**  
Out-of-condition grain  
Gas-fired dryers

**Equipment**  
Overheated equipment  
Smoldering product

**Silos**  
Naturally fermenting silage

Non-gas hazards include dust explosions and engulfment in grain.