



GAS SENSOR

AREA & POSITIONING

Electrochemical Sensor (Toxic)

GAS		AREA		LOCATION	
Ammonia	NH ₃	7500 sq. ft.	775 M ²	High	.50 to 1.50 feet below ceiling
Carbon Monoxide	CO	7500 sq. ft.	775 M ²	Mid	4.0 to 6.0 feet above oor
Chlorine	CL ₂	5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor
Chlorine Dioxide	CLO ₂	5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor
Hydrogen	H ₂	7500 sq. ft.	775 M ²	High	.50 to 1.50 feet below ceiling
Hydrogen Chloride	HCL	5000 sq. ft.	525 M ²	Mid	4.0 to 6.0 feet above oor
Hydrogen Cyanide	HCN	5000 sq. ft.	525 M ²	Mid	4.0 to 6.0 feet above oor
Hydrogen Sulphide	H ₂ S	5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor
Nitric Oxide	NO	5000 sq. ft.	525 M ²	Mid	4.0 to 6.0 feet above oor
Nitrogen Dioxide	NO ₂	7500 sq. ft.	775 M ²	Low	.50 to 1.50 feet above oor
Ozone	O ₃	5000 sq. ft.	525 M ²	High	.50 to 1.50 feet below ceiling
Sulphur Dioxide	SO ₂	5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor

Catalytic Pellistor Bead Sensor (Combustibles)

GAS		AREA		LOCATION	
Acetylene		5000 sq. ft.	525 M ²	Mid	4.0 to 6.0 feet above oor
Diesel		5000 sq. ft.	525 M ²	High	.50 to 1.50 feet below ceiling
Ethane		5000 sq. ft.	525 M ²	Mid	4.0 to 6.0 feet above oor
Gasoline		5000 sq. ft.	525 M ²	High	.50 to 1.50 feet below ceiling
Hydrogen		7500 sq. ft.	775 M ²	High	.50 to 1.50 feet below ceiling
Methane		5000 sq. ft.	525 M ²	High	.50 to 1.50 feet below ceiling
Propane		7500 sq. ft.	775 M ²	Low	.50 to 1.50 feet above oor
N-Butane		5000 sq. ft.	525 M ²	High	.50 to 1.50 feet below ceiling
N-Octane		5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor
N-Pentane		5000 sq. ft.	525 M ²	Low	.50 to 1.50 feet above oor

Solid State Sensor

GAS		AREA		LOCATION	
Carbon Monoxide	CO	7500 sq. ft.	775 M ²	Mid	4.0 to 6.0 feet above oor
Propane		7500 sq. ft.	775 M ²	Low	.50 to 1.50 feet above oor
Ammonia	NH ₃	7500 sq. ft.	775 M ²	High	.50 to 1.50 feet below ceiling
Freons		7500 sq. ft.	775 M ²	Low	.50 to 1.50 feet above oor

NDIR Sensor

GAS		AREA		LOCATION	
Carbon Dioxide	CO ₂	7500 sq. ft.	775 M ²	Mid	4.0 to 6.0 feet above oor

Area coverage is under ideal conditions and subject to change (decrease) for various reasons.

The presence of walls, cavities, oor or ceiling openings between levels etc. all affect the quantity and placement of sensors.

The presence of air inlets, exhaust fans, general turbulence or dead air zones all affect the quantity and placement of sensors.

The likelihood of gas leaks or infiltration as well as potential point of entry or emission all affect the quantity and placement of sensors.

The intended use of the area, is it to be occupied or storage, subject to air changes etc.