

**AREA & POSITIONING****Electrochemical Sensor (Toxic)**

<u>GAS</u>		<u>AREA</u>		<u>LOCATION</u>	
Ammonia	NH <sub>3</sub>	7500 sq. ft.	775 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Carbon Monoxide	CO	7500 sq. ft.	775 M <sup>2</sup>	Mid	3.0 to 6.0 feet above floor
Chlorine	CL <sub>2</sub>	5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Chlorine Dioxide	CLO <sub>2</sub>	5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Hydrogen	H <sub>2</sub>	7500 sq. ft.	775 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Hydrogen Chloride	HCL	5000 sq. ft.	525 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Hydrogen Cyanide	HCN	5000 sq. ft.	525 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Hydrogen Sulphide	H <sub>2</sub> S	5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Nitric Oxide	NO	7500 sq. ft.	775 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Nitrogen Dioxide	NO <sub>2</sub>	7500 sq. ft.	775 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Ozone	O <sub>3</sub>	5000 sq. ft.	525 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Sulphur Dioxide	SO <sub>2</sub>	5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor

**Catalytic Pellistor Bead Sensor (Combustibles)**

<u>GAS</u>		<u>AREA</u>		<u>LOCATION</u>	
Acetylene		5000 sq. ft.	525 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Diesel		5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Ethane		5000 sq. ft.	525 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Gasoline		5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Hydrogen	H <sub>2</sub>	7500 sq. ft.	775 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Methane	CH <sub>4</sub>	7500 sq. ft.	775 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Propane	C <sub>3</sub> H <sub>8</sub>	7500 sq. ft.	775 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
N-Butane		5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
N-Octane		5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
N-Pentane		5000 sq. ft.	525 M <sup>2</sup>	Low	.50 to 1.50 feet above floor

**Solid State Sensor**

<u>GAS</u>		<u>AREA</u>		<u>LOCATION</u>	
Carbon Monoxide	CO	7500 sq. ft.	775 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor
Propane	C <sub>3</sub> H <sub>8</sub>	7500 sq. ft.	775 M <sup>2</sup>	Low	.50 to 1.50 feet above floor
Ammonia	NH <sub>3</sub>	7500 sq. ft.	775 M <sup>2</sup>	High	.50 to 1.50 feet below ceiling
Freons		7500 sq. ft.	775 M <sup>2</sup>	Low	.50 to 1.50 feet above floor

**NDIR Sensor**

<u>GAS</u>		<u>AREA</u>		<u>LOCATION</u>	
Carbon Dioxide	CO <sub>2</sub>	7500 sq. ft.	775 M <sup>2</sup>	Mid	4.0 to 6.0 feet above floor

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

The presence of walls, cavities, floor 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.