



Suggested Alarm Setpoints

GAS & CHEMICAL SYMBOL	SENSOR TYPE	MOUNTING HEIGHT	COVERAGE in ft2	Coverage in m2	STANDARD RANGE	LOW ALARM	MID ALARM	HIGH ALARM
Ammonia (NH3)	EC	on or near the ceiling	3000	279	0 - 500 ppm	25 ppm	50 ppm	200 ppm
Carbon Dioxide (CO2)	IR	breathing zone	3000	279	0 - 2,000 ppm	800 ppm	1,000 ppm	1,200 ppm
Carbon Dioxide (CO2)	IR	breathing zone	3000	279	0 - 4.0% vol	1.0% vol	2.0% vol	3.0% vol
Carbon Monoxide (CO)	EC	breathing zone	5000 - 7500	465 - 697	0 - 200 ppm	25 ppm	50 ppm	100 ppm
Chlorine (Cl2)	EC	6" (15 cm) from floor	3000	279	0 - 5.0 ppm	0.5 ppm	0.7 ppm	1.0 ppm
Propane (C3H8) (combustible)	C	6" (15 cm) from floor	3000	279	0 - 50% LEL	10% LEL	15% LEL	20% LEL
Methane (CH4) (combustible)	C	on or near the ceiling	5000	465	0 - 50% LEL	10% LEL	15% LEL	20% LEL
Hydrogen (H2) (combustible)	C	on or near the ceiling	5000	465	0 - 50% LEL	10% LEL	15% LEL	20% LEL
Alcohols	C	6" (15 cm) from floor	3000	279	0 - 50% LEL	10% LEL	15% LEL	20% LEL
Hydrogen (H2)	EC	application dependent	3000	279	0 - 2,000 ppm	200 ppm	500 ppm	1,000 ppm
Ethylene (C2H4)	EC	breathing zone	5000	465	0 - 200 ppm	25 ppm	35 ppm	50 ppm
Ethylene Oxide (ETO)	EC	6" (15 cm) from floor	3000	279	0 - 20 ppm	1 ppm	2 ppm	3 ppm
Flourine (F2)	EC	6" (15 cm) from floor	3000	279	0 - 2 ppm	0.1 ppm	0.2 ppm	0.3 ppm
Formaldehyde (CH2O)	EC	12" (30 cm) from floor	3000	279	0 - 5 ppm	0.3 ppm	0.5 ppm	1.0 ppm
Hydrogen Cyanide (HCN)	EC	12" (30 cm) from floor	3000	279	0 - 30 ppm	2 ppm	3 ppm	5 ppm
Hydrogen Chloride (HCl)	EC	12" (30 cm) from floor	3000	279	0 - 30 ppm	1 ppm	1.5 ppm	2 ppm
Hydrogen Sulphide (H2S)	EC	12" (30 cm) from floor	3000	279	0 - 50 ppm	10 ppm	12 ppm	15 ppm
Nitric Oxide (NO)	EC	breathing zone	5000	465	0 - 100 ppm	25 ppm	35 ppm	50 ppm
Nitrogen Dioxide (NO2)	EC	breathing zone	5000	465	0 - 10 ppm	0.7 ppm	1.0 ppm	1.5 ppm
Oxygen (O2)	EC	breathing zone	5000	465	0 - 25.0% vol	19.5% vol	18.5% vol	23.0% vol
Ozone(O3)	EC	2' from floor	3000	279	0 - 2.0 ppm	0.1 ppm	0.2 ppm	0.3 ppm
Phosphine (PH3)	EC	6" (15 cm) from floor	3000	279	0 - 1.0 ppm	0.3 ppm	0.5 ppm	1 ppm
Silane (SiH4)	EC	6" (15 cm) from floor	3000	279	0 - 20 ppm	5 ppm	7.5 ppm	10 ppm
Sulphur Dioxide (SO2)	EC	6" (15 cm) from floor	3000	279	0 - 20 ppm	2 ppm	3 ppm	5 ppm
All freon refrigerants	MOS (solid-state)	12" (30 cm) from floor	3000	279	0 - 2,000 ppm	250 ppm	500 ppm	1,000 ppm
All freon refrigerants	IR	12" (30 cm) from floor	3000	279	0 - 3,500 ppm	250 ppm	500 ppm	1,000 ppm
R123 refrigerant (only)	IR	12" (30 cm) from floor	3000	279	0 - 3,500 ppm	85 ppm	95 ppm	100 ppm
TVOCS	MOS (solid-state)	6" (15 cm) from floor	3000	279	0 - 500 ppm	50 ppm	100 ppm	200 ppm

* Breathing Zone: 4ft to 6ft (1.2 m to 1.8 m) from floor

* A/D: Application Dependent

* H2 electrochemical sensors are used primarily in lab applications and mounting heights may vary