



SENSIT[®] HCN

TOXIC GAS ANALYZER

**Monitors and Warns
of Dangerous Levels
of Hydrogen Cyanide**



FIND GAS LEAKS FAST

HYDROGEN CYANIDE (HCN): STANDARDS AND EFFECTS

HCN Effects on Humans:

Hydrogen Cyanide can cause rapid death due to metabolic asphyxiation.

Death can occur within seconds or minutes of the inhalation of high concentrations.

3,404ppm	Death after 1 minute exposure
270ppm	Death after 6-8 minute exposure
181ppm	Death after 10 minute exposure
135ppm	Death after 30 minute exposure
10ppm	OSHA permissible exposure limit (PEL)
4.7ppm	NIOSH recommended exposure limit (REL)

ppm=parts per million Recent study estimations (Hathaway et al. 1991)

5.6% HCN lower flammable limits in air (percent by volume)

40.0% upper flammable limits in air (percent by volume)

**Chart courtesy of SENSIT TECHNOLOGIES • Valparaiso, IN 46383
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