

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.

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|-----------------|--|
| 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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