GasDetect
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Værd at vide om Gasdetektion

Indhold:	LEL grænser for populære gasser	Forfatter:	KM	Dato:	08-09-2010

Acetone	2.5% by volume
Acetylene	2.5% by volume
Benzene	1.2% by volume
Butane	1.9% by volume
Butyl Alcohol (Butanol)	1.4% by volume
Diethyl Ether	1.9% by volume
Ethane	3.0% by volume
Ethyl Alcohol (Ethanol)	3.3% by volume
Ethylene	2.7% by volume
Ethylene Oxide	2.7% by volume
Hexane	1.1% by volume
Hydrogen	4.0% by volume
Isopropyl Alcohol (Isopropanol)	2.0% by volume
Methane	5.0% by volume
Methyl Alcohol (Methanol)	6.0% by volume
Methyl Ethyl Ketone	1.4% by volume
n-Pentane	1.4% by volume
Propane	2.1% by volume
Propylene	2.0% by volume
Styrene	0.9% by volume
Toluene	1.1% by volume
Xylene	1.1% by volume

$$\%\ \text{Lower Explosive Limit (\% LEL)} = \frac{(\%\ \text{Concentration of Gas by Volume}) \times (100)}{\text{Lower Explosive Limit \% by Volume}}$$

$$25\%\ \text{LEL Pentane} = \frac{(.35\%\ \text{Volume}) \times (100)}{1.4\%\ \text{by Volume}} = (100\%\ \text{LEL})$$