

Pipeline Products Flammability Reference Charts

Flammable Gas	LEL %	UEL %
Hexane C ₆ H ₁₄	1.2% Vol	7.7% Vol
Hydrogen (h ₂)	4.0% Vol	75.0% Vol
Methane (CH ₄)	5.0% Vol	15.0% Vol
Pentane (C ₅ H ₁₂)	1.5% Vol	8.0% Vol
Propane (C ₃ H ₈)	2.1%	9.5%

Groups	Gas	Ignition Temperature (C°)	Temperature Class					
			T1	T2	T3	T4	T5	T6
I	Methane	537	#					
II A	Propane	465	#					
	Benzene	538	#					
II B	Ethyl Nitrite	90						#
	Ethylene	450	#					
	Diethyl-ether	180				#		
II C	Coal Gas (town gas)	649	#					
	Acetylene	337		#				
	Hydrogen	560	#					
	Carbon Disulfide	100						#

