APPENDIX B

COMMON COMPRESSED AND LIQUEFIED GASES WHICH ARE FLAMMABLE OR TOXIC (HEALTH 3 OR 4)

Gas	State	Flammable	Health
Acetylene	gas	y	
Allene (propadiene)	liquid	y	
Ammonia	liquid	y	3
Arsine	liquid	y	4
Boron Trichloride	gas	n	3
Boron Trifluoride	gas	n	3
1,3-Butadiene	liquid	y	
n-Butane	liquid	y	
iso-Butane	liquid	y	
1-Butene	liquid	y	
2-Butene	liquid	y	
Carbon Monoxide	gas	y	3
Carbonyl Chloride (phosgene)	gas	n	4
Carbonyl Fluoride	gas	n	4
Carbonyl Sulfide	liquid	y	3
Chlorine	gas	n	3
Chlorine Dioxide	gas	n	4
Chlorine Monoxide	gas	y	3
Chlorine Trifluoride	gas	n	4
1-Chloro-1,1-difluoroethane	liquid	y	
Chlorotrifluoroethylene	liquid	y	
Cyanogen	liquid	n	4
Cyanogen Chloride	liquid	n	4
Cyclobutane	gas	y	
Cyclopropane	liquid	y	
Deuterium	gas	y	
Diazomethane	gas	y	4
Diborane	gas	spontaneously ignitible	3
1,1-Difluoroethane	liquid	y	
1,1-Difluoroethylene	liquid	y	3
Dimethylamine	gas	y	3
Dimethyl Ether	liquid	y	
2,2-Dimethylpropane	liquid	y	
Ethane	gas	y	
Ethylacetylene	liquid	y	
Ethylamine	liquid	y	3
Ethyl Chloride	liquid	y	
Ethylene	gas	y	
Ethylene Oxide	liquid	y	3
Fluorine	gas	n	4
Formaldehyde	gas	y	3
Germane	gas	y	
Hexafluoroacetone	gas	n	3
Hydrogen	gas	y	
Hydrogen Bromide	gas	n	3
Hydrogen Chloride	gas	n	3
Hydrogen Cyanide	liquid	y	4
Hydrogen Fluoride	gas	n	4

Gas	State	Flammable	Health
Hydrogen Selenide	liquid	y	3
Hydrogen Sulfide	liquid	y	4
Ketene	gas	y	
Methane	gas	y	
Methylacetylene (propyne)	liquid	y	
Methylamine	liquid	y	3
Methylbromide	liquid	y	3
3-Methyl-1-butene	liquid	y	
Methyl Chloride	liquid	y	
Methyl Ether	gas	y	
Methyl Fluoride	liquid	y	
Methyl Mercaptan	liquid	y	4
2-Methylpropene	gas	y	
Natural Gas	gas	y	
Nitric Oxide	gas	n	3
Nitrogen Dioxide	gas	n	3
Nitrogen Trioxide	gas	n	3
Nitrogen Trifluoride	gas	n	3
Nitrosyl Chloride	gas	n	3
Oxygen Difluoride	gas	n	4
Ozone	gas	n	4
Pentaborane	liquid	spontaneously ignitible	4
iso-Pentane	liquid	y	
Phosphine	gas	spontaneously flammable	4
Propane	liquid	y	
Propylene	liquid	y	
Selenium Hexafluoride	gas	n	3
Silane	gas	spontaneously flammable	
Silicon Tetrafluoride	gas	n	4
Stibine	gas	y	4
Sulfur Tetrafluoride	gas	n	4
Sulfuryl Fluoride	gas	n	
Tetrafluoroethylene, monomer	liquid	y	
Tetrafluorohydrazine	liquid	y	
Trimethylamine	liquid	y	3
Vinyl Bromide	liquid	y	
Vinyl Chloride	liquid	y	
Vinyl Fluoride	liquid	y	
Vinyl Methyl Ether	liquid	y	