



LIMITS FOR TOXIC AND HAZARDOUS CHEMICALS IN AIR		Air - Ambient (ug/m3)		Air - Workplace (mg/m3)	
		8 hr	24 hr	TWA	STEL
<b>Heavy Metals</b>					
<b>Arsenic</b>	Mining/Smelting, Pesticides	5 (NV)	.084 (AZ)	.01 (OSHA)	.05 (ARG)
<b>Cadmium</b>	Copper/Lead/Zinc Smelters, Phosphate fertilizers	.5 (FL)	.12 (FL)	.005 (OSHA)	
<b>Chromium</b>	Chemical Manufacture, Tanning, Dye	.5 (FL)	.12 (FL)	1 (OSHA)	
<b>Lead</b>	Mining/Smelting, ULABS, Ammunition Factories	0.15 (WHO)	0.45 (ARG)	.03-.06 (WHO)	.45 (ARG)
<b>Mercury</b>	Mining/Smelting, Batteries, Burning Fossil Fuels	.1-1 (FL)	.024 (FL)	.1 (OSHA)	.15 (GBR)
<b>Other Contaminants</b>					
<b>Asbestos</b>	Insulation, Brakes, Pipes	.0001 (CT)	2 (VA)	200 (OSHA)	600 (GBR)
<b>Coal Dust</b>	Mining, Hazardous Waste Sites, Industrial Power	30 (FL)	72 (FL)	NO STANDARDS SET FOR WORKPLACE	
<b>Cyanide</b>	Vehicle Exhaust, Burnng plastics, Plating/Chem Indus	50-500 (FL)	125 (SC)	5 (ARG)	5 (ARG)
<b>Dioxin (TCDD - TETRACHLORODIBENZO)</b>	Herbicides manufacture, Paper/ Pulp bleaching	450 (IN)	.01 (AZ)	-	-
<b>Fluorides</b>	Coal Combustion/ Phosphate plants			2.5 (NIOSH/OSHA)	-
<b>PAH (Polycyclic Aromatic Hydrocarbons)</b>					
<b>Benzo(a)Pyrene (a common PAH)</b>	Incomplete burning of coal, oil and gas, garbage	.1 (CT)	.21 (AZ)	.005 (SWE)	.03 (SWE)
<b>Pesticides</b>					
<b>Atrazine</b>	Runoff, Dumping, Agriculture	50 (FL)	12 (FL)	5 (NIOSH/OSHA)	-
<b>Cyanazine</b>	Runoff, Dumping, Agriculture	20 (FL)	4.8 (FL)	2 (NIOSH/OSHA)	4 (FIN)
<b>Simazine</b>	Runoff, Dumping, Agriculture	-	50-100 (VA)	3 (NIOSH/OSHA)	-
<b>Alachlor</b>	Runoff, Dumping, Agriculture				
<b>Metolachlor</b>	Runoff, Dumping, Agriculture	NO STANDARDS		NO STANDARDS	
<b>Aldrin (POP)</b>	Runoff, Dumping, Agriculture	2.5 (FL)	.6 (FL)	.25 (GBR)	.75 (GBR)
<b>Chlordane (POP)</b>	Runoff, Dumping, Agriculture	5 (FL)	1.2 (FL)	.5 (NIOSH/OSHA)	-
<b>DDT (POP)</b>	Runoff, Dumping, Agriculture	10 (FL)	2.4 (FL)	1 (NIOSH/OSHA)	-
<b>Dieldrin (POP)</b>	Runoff, Dumping, Agriculture	2.5 (FL)	.6 (FL)	0.25 (NIOSH/OSHA)	-
<b>Endrin (POP)</b>	Runoff, Dumping, Agriculture	1 (FL)	.12 (FL)	.1 (NIOSH/OSHA)	-
<b>Furan (POP)</b>	Runoff, Dumping, Agriculture	-	-	-	-
<b>Heptachlor (POP)</b>	Runoff, Dumping, Agriculture	5 (FL)	1.2 (FL)	.5 (NIOSH/OSHA)	-
<b>Hexachlorobenzene (POP)</b>	Runoff, Dumping, Agriculture	-	.99 (AZ)	-	.9 (CIS)
<b>Toxaphene (POP)</b>	Runoff, Dumping, Agriculture	5 (FL)	1.2 (FL)	.5 (NIOSH/OSHA)	1 (NIOSH/OSHA)
<b>Mirex (POP)</b>	Runoff, Dumping, Agriculture	-	4500 (SC)	-	-
<b>Polychlorinated Biphenyls (PCBs)</b>	Hazardous Waste, Transformers, Capacitors	5 (FL)	.079 (AZ)	5-1 (GBR)	1-2 (GBR)
<b>VOCs (Volatile Organic Compounds)</b>					
<b>Trichloroethylene</b>	Paints, Varnishes, Industrial Machinery	2700 (FL)	648 (FL)	135 (WHO)	-
<b>Toluene</b>	Oil/Petroleum Spills, Industrial waste	3700 (FL)	900 (FL)	375 (NIOSH/OSHA)	560 (NIOSH/OSHA)
<b>Xylenes</b>	Oil/Petroleum Spills, Industrial waste	4350 (FL)	1040 (FL)	435 (NIOSH/OSHA)	655 (NIOSH/OSHA)
<b>Ethylbenzene</b>	Oil/Petroleum Spills, Industrial waste			435 (NIOSH/OSHA)	545 (NIOSH/OSHA)
<b>Benzene</b>	Oil/Petroleum Spills, Industrial waste	30 (FL)	7.2 (FL)	.3/3 (NIOSH/OSHA)	3/15 (NIOSH/OSHA)
<b>Sulfur Dioxide</b>	coal/petro burning, apricot preservative, wine making	50 (FL)	12 (FL)		

All data from Sittig 1994, excluding  
\*EPA Memorandum 11/10/98