

Substance	ppm*	Mg M ¹⁰⁰
Thallium (soluble compounds) - Skin	-	0.1
Thiram	-	5
Tin (inorganic compds. except oxide)	-	2
Tin (organic compds)	-	0.1
Titanium dioxide	-	15
Toluene (toluol)	200	750
C Toluene-2,4-diisocyanate	0.02	9.14
o-Toluidine - Skin	5	22
Toxaphene, see Chlorinated camphene		
1,1,1-Trichloroethane, see Methyl chloroform		
Trichloroethylene	100	535
Trichloromethane, see Chloroform		
Trichloronaphthalene - Skin	-	5
1,2,3-Trichloropropane	50	300
1,1,2 Trichloro 1,2,2-trifluoroethane	1,000	7,600
Triethylamine	25	100
Trifluoromonomethane	1,000	6,100
2,4,6-Trinitrophenol see Picric acid		
2,4,6-Trinitrophenylmethyltriamine, see Tetryl		
Trinitrotoluene - Skin	-	1.5
Triorthocresyl phosphate	-	0.1
Triphenyl phosphate	-	3
Turpentine	100	560
Uranium (soluble compounds)	-	0.05
(insoluble compounds)	-	0.25
C Vanadium (V ₂ O ₅ dust)	-	0.5
(V ₂ O ₅ fume)	-	0.1
Vinyl benzene, see Styrene		
C Vinyl chloride	500	1,300
Vinylcyanide, see Acrylonitrile		
Vinyl toluene	100	480
Warfarin	-	0.1
† Xylene (xylol)	-	-
Xylidine - Skin	5	25
+ Yttrium	-	1
Zinc oxide fume	-	5
Zirconium compounds (as Zr)	-	5

Radioactivity: For permissible concentrations of radioisotopes in air, see U.S. Department of Commerce, National Bureau of Standards, Handbook 69, "Maximum Permissible Body Burdens and Maximum Permissible Concentrations of Radionuclides in Air and in Water for Occupational Exposure," June 5, 1959. Also see U.S. Department of Commerce National Bureau of Standards Handbook 59, "Permissible Dose from External Sources of Ionizing Radiation," September 24, 1954, and addendum of April 15, 1958.

* Parts of vapor or gas per million parts of air plus vapor by volume at 25°C and 760 mm. Hg pressure.

** Approximate milligrams of particulate per cubic meter of air.

A Numbers, See Appendix A

† See Tentative Limits

RESPIRABLE DUSTS EVALUATED BY COUNT

Substance	m. p. c. f. *
SILICA	
Crystalline	
Quartz, Threshold Limit calculated from the formula	250 **
Cristobalite	650 **
Amorphous, including natural diatomaceous earth	20

SILICATES (less than 1% crystalline silica)

Asbestos	5
Mica	20
Soapstone	20
Talc	20
Portland Cement	50
GRAPHITE (natural)	15
"Inert" or Nuisance Particulates	50 (or 15 mg m ⁻³ whichever is the smaller)
see Appendix D	

Conversion factors

mppcf x 35.3 = million particles per cubic meter = particles per c. c.

TENTATIVE VALUES

These substances, with their corresponding tentative limits, comprise those for which a limit has been assigned for the first time or for which a change in the "Recommended" listing has been made. In both cases, the assigned limits should be considered trial values that will remain in the tentative listing for a period of at least two years, during which time definitive evidence and experience is sought. If acceptable at the end of two years, these substances and values will be moved to the RECOMMENDED list. Documentation for tentative values are available for each of these substances.

Substance	ppm*	Mg M ¹⁰⁰
Acrylamide - Skin	-	0.3
2-Aminopyridine	0.5	2
sec-Amyl acetate	125	650
Azinphos-methyl-Skin	-	0.2
Bromoform-Skin	0.5	5
n-Butyl acetate	150	710
sec-Butyl acetate	200	950
tert-Butyl acetate	200	950
++ sec-Butyl alcohol	150	450
Cadmium (Metal dust and soluble salts)	-	0.2
Carbon black	-	3.5
Carbon monoxide	50	55
++ α-Chloroacetophenone (phenacylchloride)	0.05	0.3
o-Chlorobenzylidene malononitrile (OCBM)	0.05	0.4
C Chlorine	1	3
++ Chromium, sol. chromic, chromous salts, as Cr	-	0.5
Metallic & insol. salts	-	1
Coal tar pitch volatiles (benzene soluble fraction) (anthracene, BaP, phenanthrene, acridine, chrysene, pyrene)	-	0.2
++ Cobalt, Metal fume & dust	-	0.1
Crotonaldehyde	2	6
Cumene - Skin	50	245
Cyclohexane	300	1,050
Cyclohexene	300	1,015
Diazomethane	0.2	0.4
C 1,2-Dibromo-ethane-Skin	25	190
+ Dibutyl phosphate	1	5
+ Dibutylphthalate	-	5
Diethylamino ethanol-Skin	10	50
++ Diisopropylamine-Skin	5	20

* Parts of vapor or gas per million parts of air plus vapor by volume at 25°C and 760 mm. Hg pressure.

** Approximate milligrams of particulate per cubic meter of air.

† 1966 Revision
++ 1966 Additions

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