

PLAINTIFF'S EXHIBIT

MON-2400

*Archives
copy*

Threshold Limit Values of Airborne Contaminants

Adopted By ACGIH
For 1969

AND INTENDED CHANGES



LAM021595

6113
18452

MINERAL DUSTS

Substance
SILICA
Crystalline
** Quartz, Threshold Limit calculated
from the formula..... $\frac{250}{\%SiO_2 + 5}$

** Cristoballite
Amorphous, including natural
diatomaceous earth..... 20

SILICATES (less than 1% crystalline silica)
** Asbestos 5
Mica..... 20
Soapstone..... 20
Talc..... 20
Tremolite..... 5
Portland Cement..... 50

GRAPHITE (natural)..... 15
"Inert" or Nuisance Particulates 50 (or 15 mg/M³
whichever is the
smaller) of total dust
see Appendix D
<1% SiO₂

Conversion factors
mppcf x 35.3 = million particles per cubic meter
" particles per c.c.

- e) Millions of particles per cubic foot of air, based on impinger samples counted by light-field technique.
f) The percentage of crystalline silica in the formula is the amount determined from air-borne samples, except in those instances in which other methods have been shown to be applicable.
** See Notice of Intended Changes

16

NOTICE OF INTENDED CHANGES

These substances, with their corresponding values, comprise those for which either a limit has been proposed for the first time, or for which a change in the "Adopted" listing has been proposed. In both cases, the proposed limits should be considered trial limits that will remain in the listing for a period of at least two years. During this time, the previously Adopted Limit will remain in effect. If, after two years no evidence comes to light that questions the appropriateness of the values herein, the values will be placed in the "Adopted" list. Documentation is available for each of these substances.

Substance	ppm ^{a)}	mg/3 b)
+ C Ammonia.....	50	35
+ + 2-Acetylaminofluorene.....	-	A1
+ + 4-Aminodiphenyl.....	-	A1
+ + Ammonium chloride fume.....	-	1
+ + Asphalt (Petroleum) fumes.....	-	1
+ Butyl mercaptan.....	0.5	-
C Cadmium oxide fume (as Cd).....	-	0.1
C Dichloroacetylene.....	0.1	-
+ + Dichlorobenzidine.....	-	A1
+ + 4-Dimethylaminobenzene.....	-	A1
Endosulfan (Thiodan ®) - Skin.....	-	0.1
Ethyl mercaptan.....	0.5	-
+ Fibrous glass.....	g) 500	Appendix D
+ Heptane.....	500	2,000
+ Hydrogen peroxide.....	1	1
Indene.....	10	-
+ Mercury vapor, inorganic and organic compounds, excluding alkyl.....	-	0.05
+ Mercury - Skin.....	-	-
+ Methyl 2-cyanoacrylate.....	2	-
+ Methyl demeton - Skin.....	-	0.5
+ Methyl isocyanide.....	100	475
+ Methyl mercaptan.....	0.5	-
+ Methyl parathion - Skin.....	-	0.2
+ + 4-Dimethylaminobenzene.....	-	A1
Octane.....	400	1,900
Oil mist (particulate).....	1) A5	5h)
Oil vapors.....	-	-
Pentaerythritol (tetramethylmethane).....	-	15
Pentane.....	500	1,500

- a) Parts of vapor or gas per million parts of contaminated air by volume at 25°C and 760 mm. Hg pressure.
b) Approximate milligrams of particulate per cubic meter of air.
* 1969 Revision
+ 1969 Addition

17

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