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COMMITTEE ON THRESHOLD LIMITS

of the

AMERICAN CONFERENCE OF GOVERNMENTAL INDUSTRIAL HYGIENISTS

1968 NOTICE OF INTENT

This Notice of Intent is published so that industry-connected individuals principally, but others also, may have an opportunity to help shape the deliberations of the Committee prior to its recommendations of tentative changes in the 1967 Threshold Limits List. This can be done by submitting to the Chairman comments on the intended changes, with supporting data, or by submitting new data on substances not within the Notice of Intent.

This Notice is not binding on the Committee to place all substances listed below in the 1968 Edition, nor does it restrict the Committee to these substances; substances with appropriate supporting data received following the publication of this list will be considered at the next Committee meeting for inclusion in the 1968 Edition. This Notice indicates only those substances that are under consideration by the Committee. Documentation is available upon request for those substances bearing a threshold limit value.

All comments should reach the Chairman by March 15, 1968. Address: Dr. Herbert E. Stokinger, U. S. Public Health Service, 1014 Broadway, Cincinnati, Ohio 45202. If preferred, information may be sent to the Repository of Anonymous Occupational Health Data, c/o Dr. R. T. P. de Treville, Industrial Hygiene Foundation, 4400 Fifth Avenue, Pittsburgh, Pennsylvania 15213.

The following list of Proposed Revisions and Additions for the 1968 Threshold Limits List has resulted from the fall meeting of the Plenary Committee:

REVISIONS UNDER CONSIDERATION

<u>SUBSTANCE</u>	<u>FROM 1967 List</u>	<u>PROPOSED FOR 1968 LIST</u>
	<u>ppm, mg/m³ or mppcf</u>	<u>ppm, mg/m³ or mppcf</u>
Asbestos*	5	

*Appendix 7. A limit of 5 mppcf, based on impinger samples counted by light-field techniques, is satisfactory to control exposures to most forms of asbestos. Crocidolite, however, has been shown to produce, in addition to the asbestotic inflammation, also mesothelioma. Since no safe limit can be established for this form of asbestos at this time, until more definitive data are obtained, it is recommended that workers exposed to crocidolite be equipped with air-supplied masks.

1968 NOTICE OF INTENT, continued

SUBSTANCE	FROM 1967 LIST ppm, mg/m ³ or mppcf	PROPOSED FOR 1968 LIST ppm, mg/m ³ or mppcf
Benzene	C 25	10
Butyl mercaptan	10	0.5
Cristobalite*	250 mppcf	*Downward revision by a factor
Tridymite*	% SiO ₂ +5	of 2.5 ?
Ethyl mercaptan	10	0.5
Heptane	200	500
Methyl mercaptan	10	0.5
Octane	200	400
Oil Mists*	5	5* Collected by electro- static precipitator. If vapors involved, apply appropriate TLV
Pentane	1000	500
Petroleum distillates		A6
Quartz	250 mppcf	10 mg/m ³
	% SiO ₂ +5	% Resp. free SiO ₂ *+2 (alternative mass formula)
		*Respirable free SiO ₂ as defined by:
		Aerodynamic Diameter Minimal
		(unit density sphere) %
		micra Collected
		< 2.0 90
		2.5 75
		3.5 50
		5.0 25
		10.0 0
Stoddard solvent	500.	200
Tetraethyl lead	0.075	Downward revision ?
Tetramethyl lead	0.075	" "

ADDITIONS UNDER CONSIDERATION

SUBSTANCE	PROPOSED LIMIT
Dichloroacetylene	C 0.1 ppm
Endosulfan (thiodan) - skin	0.1 mg/m ³
Indene	10 ppm
Methyl isoamyl alcohol	100 ppm
Pentaerythritol	15 mg/m ³
Rosin fumes	0.2 mg/m ³

1968 NOTICE OF INTENT, continued

DESIRABLE SUBSTANCES FOR ADDITION,

BUT FOR WHICH INADEQUATE DATA EXIST

Information pertinent to the recommendation of an industrial air limit is solicited on the following substances:

Aluminum powder	Mercaptobenzothiazole
Benzothiazyl disulfide	(Poly) vinyl chloride
Butyl lactate	Silicon tetrachloride
o-Chlorostyrene	Silicon tetrafluoride
Hexafluoroacetone	Trimethyl benzene
Hexafluoroisopropanol	Vinyl acetate

Dr. Herbert E. Stokinger,
Chairman, TLV Committee, ACGIH

November 22, 1967