

Final

PROPOSED REGULATION

DEPARTMENT OF HEALTH AND ENVIRONMENTAL CONTROL

CHAPTER 61

Statutory Authority: 1976 Code Section 48-1-10. et seq.

61-62. Air Pollution Control Regulations and Standards

61-62.5. Standard No. 8, Toxic Air Pollutants

SYNOPSIS

Proposed Regulation No. 62.5, Standard No. 8, adopted by the Board of Health and Environmental Control on August 9, 1990, is being further revised by adding additional compounds to section 11.B. These additions resulted from substantial comments made at the Public Hearing on the original proposal. The proposed additions are published at the end of this notice. Public comment is sought as to the completeness, adequacy and/or category designations in this proposal.

NOTICE OF PUBLIC HEARING

A public hearing will be held at 10:00 A.M. on November 2, 1990 in the Peoples Auditorium, J. Marion Sims Building, at the Columbia address given below. Those desiring to make lengthy statements at the hearing are requested to prepare such statements in writing for the record.

The proposed standard is available for public inspection at the Bureau of Air Quality Control, South Carolina Department of Health and Environmental Control, 2600 Bull Street, Columbia, South Carolina 29201 and at all Environmental Quality Control district offices.

Written and oral comments concerning the proposed standard will be given equal consideration in the record. Written comments may be directed to Otto E. Pearson, Chief, Bureau of Air Quality Control, at the address above. Written comments to be entered into the record of the hearing must be received no later than 5:00 P.M., November 9, 1990.

PRELIMINARY FISCAL IMPACT STATEMENT

The preliminary fiscal impact statement, for the proposed Regulation 61-62.5, Standard No. 8, was published in the State Register on February 23, 1990. The proposed additions to this regulation will not result in any additional costs.

It is proposed to add the following additional compounds to section 11.B. of proposed Regulation 61-62.5 Standard No. 8:

SL 062321

Chemical Name	CAS NO.	Max. Allowable Conc. (ug/m3)
Category 1: Low Toxicity		
		* - Insufficient data-to be determined later
Ammonia	764417	425.00
Antimony Compounds	0	2.50
Caprolactam	105602	500.00
Methyl-t-butyl Ether	1634044	*
Propionaldehyde	123386	*
Titanium Tetrachloride	7550450	*
Trimethylpentane(2,2,4-)	540841	8750.00
Category 2: Moderate Toxicity		
Cumene	98828	2450.00
Diethanolamine	111422	129.00
Diethylaniline(N,N-)	121697	*
Dinitro-o-cresol(4,6-)	534521	2.00
Ethyl Chloride	75003	26400.00
Hexamethylene-1,6-diisocyanate	822060	0.34
Phosphorus	7723140	0.50
Category 3: High Toxicity		
Acetamide	60355	*
Acetophenone	98862	*
Acetylaminofluorine(2-)	53963	*
Acrylic Acid	79107	147.50
Anisidine(o-)	90040	2.50
Benzotrichloride	98077	*
Biphenyl	92524	6.00
Bis-(2-ethylhexyl)phthalate	117817	25.00
Bromoform	75252	25.85
Butadiene(1,3-)	106990	110.50
Calcium Cyanamide	156627	2.50
Captan	133062	25.00
Carbaryl	63252	25.00
Catechol	120809	297.00
Chloramben	133904	*
Chloroacetic Acid	79118	*
Chlorobenzene	108907	1725.00
Chlorobenzylate	510156	*
Chloromethyl Methyl Ether	107302	*
Cobalt Compounds	0	0.25
Coke Oven Emissions	0	*
Cresol(m-)	108394	110.50
Cresol(o-)	95487	110.50
Cresol(p-)	106445	110.50
DDE	3547044	*

Dibenzofuran	132649	"
Dibromo-3-chloropropane(1,2-)	96128	0.05
Dibutylphthalate	84742	25.00
Dichloroethyl Ether	111444	146.50
Dichloropropene(1,3-)	542756	22.65
Dichlorvos	62737	4.52
Diethyl Sulfate	64675	"
Dimethyl Benzidine(3,3'-)	119937	"
Dimethyl Carbamoyl Chloride	79447	"
Dimethyl Formamide	68122	149.50
Dimethyl Phthalate	131113	25.00
Dinitrophenol(2,4-)	51285	"
Dinitrotoluene(2,4-)	121142	1.50
Diphenylhydrazine(1,2-)	122667	"
D(2,4-)	94757	"
Epoxybutane(1,2-)	106887	"
Ethyl Acrylate	140885	102.50
Ethylene Dibromide	106934	770.00
Ethylene Glycol	107211	635.00
Ethylene Thiourea	96457	"
Ethylidene Dichloride	75343	2025.00
Glycol Ethers	0	"
Hexachlorobenzene	118741	"
Hexachloroethane	67721	48.50
Hexane	110543	880.00
Hydrogen fluoride	7664393	12.30
Lead Compounds	0	0.75
Lindane	58899	2.50
Manganese Compounds	0	25.00
Methanol	67561	1310.00
Methoxychlor	72435	50.00
Methyl Chloride	74873	515.00
Methyl Chloroform	71556	9550.00
Methyl Iodide	74884	58.00
Methyl Isocyanate	624839	0.23
Methylene Bis-2-chloroaniline(4,4')	101144	1.1
Mineral Fibers	0	"
Nitropropane(2-)	79469	182.00
Nitroso-N-methylurea(N-)	684935	"
Octadecanoic Acid(n-)	57114	0.05
Pentachloronitrobenzene	82688	"
Phosphine	7803512	2.09
Phthalic Anhydride	85449	30.30
Polycyclic Organic Matter	0	160.00
Propane Sulfone(1,3-)	1120714	"
Propoxur	114261	2.50
Propylene Dichloride	78875	"
Propylenimine(1,2-)	75558	23.5
Quinoline	91255	"
Selenium Compounds	0	1.00
Styrene	100425	1065.00
Styrene Oxide	96093	"
Toluene	108883	1885.00
Toluenediamine(2,4-)	95807	"

Toluene(o-)	95534	43.85
Trichloroethane(1,1,2-)	79005	273.00
Trichlorophenol(2,4,5-)	95954	"
Trichlorophenol(2,4,6-)	88062	"
Triethylamine	121448	205.00
Trifluralin	1582098	"
Vinyl Acetate	108054	176.00
Vinylidene chloride	75354	99.00