IMPORTANT: Read instructions [illegible] Certification Page before completing this form. Failure to comply with instructions may cause disapproval of proposed regulations.

#2443

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY
Department of Environmental Protection

Concerning

SUBJECT MATTER OF REGULATION
Abatement of Air Pollution

SECTION 19-508-23

SECTION 19-508-23 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES IS AMENDED AS FOLLOWS:

Section 19-508-23. Control of odors

(a) No person [firm or corporation] shall emit or cause to be emitted into the outdoor air any substance which creates an objectionable odor beyond his property line. An odor will be deemed objectionable when:

(a)(1) A staff member of the Department of Environmental Protection determines, following personal observation, that the odor is objectionable taking into account its nature, concentration, location, and duration; or

(a)(2) Samples from the source are taken and found to rate over 120 odor units per cubic foot as determined by Mills' adaptation of ASTM D-1391-57. ("Quantitative Odor Measurement", a paper by John L. Mills, 56th Annual Meeting of the Air Pollution Control Association, in Detroit, Michigan, June 9-14, 1963); or,

(a)(3) If the odor is caused in whole or in part by a substance listed in Table 8-1, and when the concentration in Table 8-1 is exceeded for any period of time as demonstrated by analysis made in accordance with methods approved by qualified professional chemists.

(b) Nothing in this section shall permit emission of any air pollutant in violation of any other section.

TABLE 8-1 ODOR THRESHOLD LIMITS

Chemical	*Odor Threshold (ppm by volume)*
Acetaldehyde	0.21
Acetic acid	1.0
Acetone	100.0
Acrolein	0.21*
Acrylonitrile	21.4*
Allyl chloride	0.47
Amine, dimethyl	0.047
Amine, monomethyl	0.021
Amine, trimethyl	0.00021
Ammonia	46.8*
Aniline	1.0

Benzene	46.8*
Benzyl Chloride	0.047
Benzyl sulfide	0.0021
Bromine	0.047
Butyric acid	0.001
Carbon disulfide	0.21
Carbon tetrachloride (chlorination of CS_2)	21.4*
Carbon Tetrachloride (chlorination of CH_4)	100.0*
Chloral	0.047
Chlorine	0.314
Dimethylacetamide	46.8*
Dimethylformamide	100.0*
Dimethyl sulfide	0.001
Diphenyl ether	0.1
Diphenyl sulfide	0.0047
Ethanol (synthetic)	10.0
Ethyl acrylate	0.00047
Ethyl mercaptan	0.001
Formaldehyde	1.0
Hydrochloric acid gas	10.0*
Hydrogen sulfide (from Na_2S)	0.0047
Hydrogen sulfide gas	0.00047
Methanol	100.0
Methyl chloride	(above 10 ppm)
Methylene chloride	214.0*
Methyl ethyl ketone	10.0
Methyl isobutyl ketone	0.47
Methyl mercaptan	0.0021
Methyl methacrylate	0.21
Monochlorobenzene	0.21
Monomethylamine	0.021
Nitrobenzene	0.0047
Paracresol	0.001
Paraxylene	0.47
Perchloroethylene	4.68
Phenol	0.047
Phosgene	1.0*
Phosphine	0.021
Pyridine	0.021
Styrene (inhibited)	0.1
Styrene (uninhibited)	0.047
Sulfur dichloride	0.001
Sulfur dioxide	0.47
Toluene (from coke)	4.68
Toluene (from petroleum)	2.14
Toluene diisocyanate	2.14*
Trichloroethylene	21.4

* Exceeds the Threshold Limit Value adopted by the American Conference of Industrial Governmental Hygienists for 1971. "Threshold Limit Values refer to airborne concentrations of substances and represent conditions under which it is believed that nearly all workers may be repeatedly exposed day after day without adverse effect."

(c) AGRICULTURAL ACTIVITIES ARE EXEMPT FROM THE PROVISIONS OF SUBSECTION (a), AS LONG AS THESE ACTIVITIES ARE CONDUCTED IN A MANNER AS TO MINIMIZE ODORS BY USING GOOD AGRICULTURAL PRACTICES.

(d) THE PROVISIONS OF SUBSECTION (a) DO NOT APPLY TO MOBILE SOURCES AND PRIVATE RESIDENCES.

STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY

SECTION _____

Statement of Purpose: To delete surplus language and exempt agriculturally related activities, mobile sources, and private residences from odor requirements.

CERTIFICATION
R-39 REV. 1/77

Be it known that the foregoing: Page 4 of 4 pages

[X] Regulations [ ] Emergency Regulations

[ ] Adopted [X] Amended as hereinabove stated [ ] Repealed

By the aforesaid agency pursuant to:

[X] Section 19-508 of the General Statutes.

[ ] Section _____ of the General Statutes, as amended by Public Act No. _____ of the _____ Public Acts.

[ ] Public Act No. _____ of the Public Acts.

After publication in the Connecticut Law Journal on December 5 19 78, of the notice of the proposal to:

[ ] Adopt [X] Amend [ ] Repeal such regulations

(If applicable): [X] And the holding of an advertised public hearing on the 8th - 11th day of January 1979

WHEREFORE, the foregoing regulations are hereby:

[ ] Adopted [X] Amended as hereinabove stated [ ] Repealed

Effective:

[X] When filed with the Secretary of the State.

(OR)

[ ] The _____ day of _____ 19____.

In Witness Whereof:	DATE June 5, 1979	SIGNED (Head of Board, Agency or Commission) Stanley Pac	OFFICIAL TITLE, DULY AUTHORIZED Commissioner
Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.:		SIGNED [signature]	OFFICIAL TITLE, DULY AUTHORIZED Deputy Attorney General

[X] Approved JUN 29 1979

[ ] Disapproved

[ ] Disapproved in part, (*Indicate Section Numbers disapproved only*)

[ ] Rejected without prejudice.

By the Legislative Regulation Review Committee in accordance with Sec. 4-170, as amended, of the General Statutes.	DATE 8/2/79	SIGNED (Clerk of the Legislative Regulation Review Committee) Elizabeth T. Bruen

Two certified copies received and filed, and one such copy forwarded to the Commission on Official Legal Publications in accordance with Section 4-172, as amended, of the General Statutes.

DATE August 31, 1979	SIGNED (Secretary of State) Barbara B. Kennelly	BY Louis J. Dorfman

INSTRUCTIONS

1. One copy of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the Attorney General for his determination of legal sufficiency. Section 4-169 of the General Statutes.

2. Seventeen copies of all regulations for adoption, amendment or repeal, except emergency regulations, must be presented to the standing Legislative Regulation Review Committee for its approval. Section 4-170 of the General Statutes.

3. Each regulation must be in the form intended for publication and must include the appropriate regulation section number and section heading. Section 4-172 of the General Statutes.

4. Indicate by "(NEW)" in heading if new regulation. Amended regulations must contain new language in capital letters and deleted language in brackets. Section 4-170 of the General Statutes.