EFFECTIVE DATE OF THIS SUBSECTION THE PLAN MUST BE SUBMITTED AND APPROVED AS PART OF THE PERMIT TO OPERATE REQUIRED UNDER SUBSECTION 22a-174-3(f).

(1) A DESCRIPTION OF HOW THE HOURLY AVERAGE COMBUSTION EFFICIENCY OF THE RESOURCES RECOVERY FACILITY WILL BE DETERMINED INCLUDING THE SUBSTANCES TO BE MONITORED AND THE FORMULAS TO BE USED TO CALCULATE THE COMBUSTION EFFICIENCY IF THE DETERMINATION IS DIFFERENT THAN THAT SPECIFIED IN THE DEFINITION OF COMBUSTION EFFICIENCY IN SECTION 22a-174-1.

(2) A DESCRIPTION OF THE CONTINUOUS EMISSION MONITORS TO BE USED TO DETERMINE COMBUSTION EFFICIENCY, TO RECORD TEMPERATURES AND TO MONITOR THE OPERATION OF APPROPRIATE SOURCE OPERATING PARAMETERS AND REQUIRED AIR POLLUTION CONTROL DEVICES ALONG WITH ANY REQUIRED METEOROLOGICAL INSTRUMENTS.

(3) A DESCRIPTION OF THE PROCEDURES TO BE FOLLOWED EACH TIME THE RESOURCES RECOVERY FACILITY WILL BEGIN OPERATION.

(4) A DESCRIPTION OF THE PROCEDURES TO BE FOLLOWED EACH TIME THE RESOURCES RECOVERY FACILITY MUST SHUTDOWN .

(5) A DESCRIPTION OF PROCEDURES OR METHODS TO BE EMPLOYED IN THE EVENT THAT THE CONTINUOUS EMISSION MONITORING EQUIPMENT USED TO DETERMINE COMBUSTION EFFICIENCY MALFUNCTIONS. THIS MAY INCLUDE THE USE OF BACKUP OR REDUNDANT MONITORS OR SURROGATE METHODS.

Section 6.

Section 22a-174-24 of the Regulations of Connecticut State Agencies is amended to read as follows:

Sec. 22a-174-24. Connecticut primary and secondary standards

(a) Definitions.

(1) "Ambient air" means that portion of the atmosphere, external to buildings, to which the general public has access.

(2) "Reference method" means a method of sampling and analyzing for an air pollutant, as described in Title 40 Code of Federal Regulations part 50, as from time to time may be amended.

(3) "Equivalent method" means any method of sampling and analyzing for an air pollutant that has been designated in accordance with Title 40 of Federal Regulations part 53, as from time to time may be amended.

(4) "Acceptable method" means a reference method, an equivalent method, or any other method determined by the Commissioner.

(b) The concentration of pollutants in the ambient air, as measured by an acceptable method, shall conform with levels specified below as the applicable air quality standards for these

substances throughout Connecticut. NO PERSON SHALL OPERATE A SOURCE, WHICH HAS A SIGNIFICANT IMPACT ON AIR QUALITY AS DEFINED IN SUBSECTION 22a-174-3(c), IN SUCH A MANNER AS TO CAUSE OR CONTRIBUTE TO A VIOLATION OF AN AMBIENT AIR QUALITY STANDARD LISTED IN SECTION 22a-174-24.

(c) Reference conditions. All measurements of air quality are corrected to a reference temperature of TWENTY (20) [20°] DEGREES C. and to a reference pressure of 760 millimeters of mercury (1,013.2 millibars or 29.92 inches of mercury).

(d) Connecticut primary ambient air quality standards for sulfur oxides (sulfur dioxide). The Connecticut primary ambient air quality standards for sulfur oxides, measured as sulfur dioxide, are:

(1) 80 micrograms per cubic meter (0.03 ppm) - annual arithmetic mean.

(2) 365 micrograms per cubic meter (0.14 ppm) - maximum 24-hour concentration not to be exceeded more than once per year.

(e) Connecticut secondary ambient air quality standards for sulfur oxides (sulfur dioxide). The Connecticut secondary ambient air quality standard for sulfur oxides, measured as sulfur dioxide, is:

(1) 1,300 micrograms per cubic meter (0.5 ppm) - maximum 3-hour concentration not to be exceeded more than once per year.

(f) Connecticut primary ambient air quality standards for particulate matter. The Connecticut primary ambient air quality standards for particulate matter are:

(1) 75 micrograms per cubic meter - annual geometric mean.

(2) 260 micrograms per cubic meter - maximum 24-hour concentration not to be exceeded more than once per year.

(g) Connecticut secondary ambient air quality standards for particulate matter are:

(1) 60 micrograms per cubic meter - annual geometric mean.

(2) 150 micrograms per cubic meter - maximum 24-hour concentration not to be exceeded more than once per year.

(h) Connecticut primary and secondary ambient air quality standards for carbon monoxide. The Connecticut primary and secondary ambient air quality standards for carbon monoxide are:

(1) 10 milligrams per cubic meter (9 ppm) - maximum 8-hour concentration not to be exceeded more than once per year.

(2) 40 milligrams per cubic meter (35 ppm) - maximum 1-hour concentration not to be exceeded more than once per year.

(i) Connecticut primary and secondary ambient air quality standards for photochemical oxidants. The Connecticut primary and secondary ambient air quality standard for photochemical oxidants, measured and corrected for interferences due to nitrogen oxides and sulfur dioxide is: 235 micrograms per cubic meter (0.12 ppm) - maximum 1-hour concentration not to be exceeded more than once per year.

(j) Connecticut primary and secondary ambient air quality standards for hydrocarbons. The hydrocarbons standard is for use as a guide in achieving oxidant standards. The Connecticut primary and secondary ambient air quality standard for hydrocarbons is: 160 micrograms per cubic meter (0.24 ppm) - maximum 3-hour concentration (6 am to 9 am) not to be exceeded more than once per year.

(k) Connecticut primary and secondary ambient air quality standard for nitrogen dioxide. The Connecticut primary and secondary ambient air quality standard for nitrogen dioxide is : 100 micrograms per cubic meter (0.05 ppm) - annual arithmetic mean.

(l) Connecticut primary and secondary ambient air standards for lead. The Connecticut primary and secondary ambient air quality standard for lead and its compounds, measured as elemental lead is: 1.5 micrograms per cubic meter, maximum arithmetic mean averaged over three consecutive calendar months.

(m) CONNECTICUT PRIMARY AMBIENT AIR QUALITY STANDARD FOR DIOXIN EMISSIONS.

THE CONNECTICUT PRIMARY AMBIENT AIR QUALITY STANDARD FOR DIOXIN EMISSIONS IS 1.0 PICOGRAMS PER CUBIC METER ANNUAL AVERAGE. FOR THE PURPOSES OF DETERMINING COMPLIANCE WITH THIS STANDARD THE COMMISSIONER MAY USE A CONCENTRATION OF 7.0 PICOGRAMS PER CUBIC METER 8-HOUR AVERAGE. WITHIN THREE YEARS OF THE EFFECTIVE DATE OF THIS SUBSECTION, THE COMMISSIONER SHALL REFER THIS STANDARD FOR REVIEW AND COMMENT BY THE HAZARDOUS AIR POLLUTANT ADVISORY PANEL.

Section 7.

Subsection (b) of section 22a-174-29 of the Regulations of Connecticut State Agencies is amended to read as follows:

(b) "Maximum Allowable Stack Concentrations"

(b)(1) On or after October 1, 1986, no "person" shall cause or permit the "emission" of any "hazardous air pollutant" listed in Table 29-1 from any "stationary source" at a concentration at the "discharge point" in excess of the "maximum allowable stack concentration", unless the "stationary source" is operating in accordance with the terms of an order or permit of the "Commissioner" SPECIFICALLY ALLOWING THE CONTINUED OPERATION OF THE STATIONARY SOURCE IN VIOLATION OF THIS SUBDIVISION WHILE COMING INTO COMPLIANCE or the "source" is in compliance with the provisions of subdivision 22a-174-29(d)(3).

(b)(2) [On or after the effective date of these regulations no "person" shall cause or permit the "emission" of any "hazardous air pollutant" from any "stationary source" or "modification" for which the person applies for and obtains a permit under Section

CERTIFICATION
R-17 REV. 1/77

Be it known that the foregoing: Page 56 of 56 pages

[X] Regulations [ ] Emergency Regulations

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

By the aforesaid agency pursuant to:

[ ] Section _____ of the General Statutes.

[ ] Section 22a-174; 22a-6b of the General Statutes, as amended by Public Act No. 332 489 of the 1987 1987 Public Acts.

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

After publication in the Connecticut Law Journal on January 27 September 1, 19 87 87, 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 9,11,12,17,19 1,5,8 day of March October 19 87 87

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 2/3/88	SIGNED (Head of Agency or Commission) Lisbeth Carlson	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 [illegible]		OFFICIAL TITLE, DULY AUTHORIZED Deputy

FEB. 18 1988

[X] Approved

[ ] 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 4/19/88	SIGNED (Chairman of the Legislative Regulation Review Committee) [illegible]

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 April 25, 1988	SIGNED (Secretary of the State) John H. Tashjian	BY Eugene L. Kerr

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.

RECEIVED
APR 25 1988
SECRETARY OF THE STATE