R-19 REV. 1/77

IMPORTANT: Read Instructions on bottom of Certification Page before completing this form. Failure to comply with instructions [illegible] cause disapproval of proposed [illegible]ations.

STATE OF CONNECTICUT
REGULATION
OF

11 2154

NAME OF AGENCY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Concerning

SUBJECT MATTER OF REGULATION

THE ABATEMENT OF AIR POLLUTION

SECTION 19-508-5

5

SECTION 19-508-5 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES IS AMENDED AS FOLLOWS:

SECTION 19-508-5. Methods for sampling, EMISSION testing, and reporting.

(a) All sampling, EMISSION testing, and reporting shall be done in accordance with procedures prescribed by the Commissioner from time to time by regulation.

(b) Sampling and EMISSION testing methods.

(1) Analysis for the sulfur content of liquid fuels shall be done according to the MOST CURRENT American Society for Testing and Materials methods [D 1551-68, or] D129[-64] or D 1552[-64].

(2) Analysis for sulfur content of solid fuel shall be done according to the MOST CURRENT American Society for Testing and Materials methods:

(i) Mechanical sampling by method D 2234[-65].

(ii) Sample preparation by method D 2013[-65].

(iii) Sample analysis by method D [271-68.] 3176 OR D 3180.

(3) The EMISSION testing method for sulfur dioxide emissions from stationary sources shall be that specified as Method 6 in [the Federal Register of December 23, 1971, p. 24090] TITLE 40 CODE OF FEDERAL REGULATIONS PART 60.

(4) The EMISSION testing method for sulfur oxides emissions from sulfuric acid plants, and from any other source as the Commissioner shall determine by regulation, shall be that specified as Method 8 in [the Federal Register of December 23, 1971, p. 24893.] TITLE 40 CODE OF FEDERAL REGULATIONS PART 60.

(5) The EMISSION testing method for particulate emissions from all stationary sources [except existing incinerators] shall be that specified as Method 5 in [the Federal Register of December 23, 1971, p. 24888.] TITLE 40 CODE OF FEDERAL REGULATIONS PART 60.

[(6) The testing methods for particulate emissions from existing incinerators shall be those specified as the American Society of Mechanical Engineers Test Code for Dust Separating Apparatus, PTC 21-1941; the ASME Test Code for Determining Dust Concentration in Gas Stream, PTC 27-1957; and the Los Angeles County Source Testing Manual.

(7)]

(6) [The testing method] EMISSION TESTS for organic compound emissions shall be CONDUCTED IN A MANNER APPROVED BY THE COMMISSIONER. [that specified in the Federal Register of April 30, 1971, Appendix E, p. 8198. This method shall be used in conjunction with a heated sampling probe as specified in Section 2.2.1 of Method 6 in the Federal Register of December 23, 1971, p. 34890.

(8)]

(7) The EMISSION testing method for nitrogen oxide emissions from stationary sources shall be that specified as Method 7 in [the Federal Register of December 23, 1971, p. 24891.] TITLE 40 CODE OF FEDERAL REGULATIONS PART 60.

(c) All EMISSIONS tests UNDERTAKEN TO COMPLY WITH THIS SECTION shall be made under the direction of persons qualified by training or experience in the field of sampling emissions from air pollution sources.

(d) Sampling and EMISSION testing methods as specified in subsection (b) may be modified or adjusted with the approval of the Commissioner as required by the specific sampling conditions or needs [based upon] AND IN ACCORDANCE WITH good engineering practice, judgment and experience.

(e)(1) THE OWNER OR OPERATOR OF A SOURCE OF AIR POLLUTION WHICH WOULD EMIT 100 TONS PER YEAR OR MORE OF AIR POLLUTANTS IF OPERATED WITHOUT THE USE OF AIR POLLUTION CONTROL EQUIPMENT SHALL BE REQUIRED TO CARRY OUT EMISSION TESTS AS PRESCRIBED BY THE COMMISSIONER. SUCH TEST OR TESTS SHALL BE CONDUCTED AT SUCH INTERVALS AS THE COMMISSIONER MAY SPECIFY FOR AN INDIVIDUAL SOURCE. AS USED IN THIS SUBSECTION "AIR POLLUTION CONTROL EQUIPMENT" INCLUDES BUT IS NOT LIMITED TO: BAGHOUSES; CYCLONE TYPE SEPERATORS; ELECTROSTATIC PRECIPATATORS; FUME INCINERATORS; SCRUBBERS AND COMBINATIONS THEREOF.

(e)(2) [The] IN ADDITION TO THE EMISSION TESTS REQUIRED IN SUBSECTION (e)(1) THE Commissioner may require the owner or operator of any air pollution source to conduct EMISSION tests of emissions. [Such] Tests REQUIRED UNDER THE PROVISIONS OF SUBSECTION (e)(1) AND THIS SUBSECTION shall be conducted in a manner satisfactory to the Commissioner and shall be conducted at the expense of the owner or operator OF THE POLLUTION SOURCE BEING TESTED, and the Commissioner or his representative shall be entitled [to be present] to observe the tests, including initial sampling, subsequent laboratory

analysis, [or any] AND other related procedures.

[(f) Record keeping and reporting shall be in a form specified by regulation for sources required to monitor under section 19-508-4.

(1) Records of continuous monitoring data shall show hourly, daily, weekly, monthly and annual averages. Reports of continuous monitoring data shall be submitted to the Commissioner every three (3) months and shall include daily, weekly, and monthly averages of emissions calculated from such data, the relation of the emissions with the appropriate emission regulations, and a list of the hours and dates, if any, that the source exceeded the applicable standards and the levels reached.

(2) Records of intermittent sampling data or other data which the Commissioner may require according to Section 19-508-4 shall be recorded according to such form as the Commissioner shall prescribe.

(3) Fuel-burning sources shall keep records of the quantity and sulfur content of all liquid and solid fuels delivered. In addition, fuel-burning sources with a fuel storage capacity in excess of two million (2,000,000) gallons shall keep records of monthly fuel use. New sources with a maximum rated gross heat input rate in excess of 250 million BTUs per hour shall keep records of fuel sulfur content based on daily analysis. A summary report of data required in this subsection shall be submitted to the Commissioner every six (6) months and shall be on forms, or in a form, prescribed by the Commissioner.]

PURPOSE: THE PURPOSE OF THESE AMENDMENTS IS TO CLARIFY THE REQUIREMENTS FOR EMISSION TESTING AND TO MAKE TECHNICAL AMENDMENTS TO THE REQUIRED SAMPLING METHODS.

CERTIFICATION

Be it known that the foregoing:

[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 May 3, 1977, 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 7th day of June 1977.

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__

	DATE	SIGNATURE	OFFICIAL TITLE, DULY AUTHORIZED
Witness Whereof:	7/27/77	Stanley Pac	Commissioner
Approved by the Attorney General as to legal sufficiency in accordance with Sec. 4-169, as amended, C.G.S.		[illegible]	Deputy Attorney General

[illegible] 1977

[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 9/21/77	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 October 5, 1977	SECRETARY OF THE STATE Gloria Schaffer	BY Louis J. Ackerman

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.

Regulations
OF

#2154

CONCERNING

Received and filed in the office of the
Secretary of the State

October 5 19 77

Approved by Attorney General

August 3 19 77

Approved by Legislative Regulation
Review Committee or General Assembly

September 21 19 77

Published in Connecticut Law Journal

November 1 19 77