R-39 REV. 1/77

IMPORTANT: Read Instructions on bottom of Certification Page before completing this form. Failure to comply with instructions may cause disapproval of proposed regulations.

STATE OF CONNECTICUT #2442

REGULATION

OF

NAME OF AGENCY
Department of Environmental Protection

Concerning

SUBJECT MATTER OF REGULATION
Abatement of Air Pollution

SECTION 19-508-22

SECTION 19-508-22 (a) OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES IS AMENDED AS FOLLOWS:

Section 19-508-22. Control of nitrogen oxides emissions.

(a) Fuel burning equipment.

(a)(1) No person shall cause or permit the emission of nitrogen oxides, calculated as nitrogen dioxide, from gas-fired fuel burning equipment in excess of 0.2 pounds per million BTU (0.36 gm/10^6 gm-cal) of heat input.

(a)(2) No person shall cause or permit the emissions of nitrogen oxides, calculated as nitrogen dioxide, from oil-fired fuel burning equipment in excess of 0.30 pounds per million BTU (0.54 gm/10^6 gm-cal) of heat input[.] EXCEPT THAT:

(i) FOR EXISTING FAST RESPONSE DOUBLE-FURNACE NAVAL BOILERS THE EMISSION LIMIT IS 0.5 POUNDS PER MILLION BTU OF HEAT INPUT; AND

(ii) FOR EXISTING BOILERS WITH A CYCLONE FURNACE OR FURNACES THE EMISSION LIMIT IS 0.9 POUNDS PER MILLION BTU OF HEAT INPUT.

(a)(3) No person shall cause or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from a coal-fired boiler in excess of 0.7 pounds per million BTU of heat input per hour for new sources and 0.9 pounds per million BTU for existing sources.

(a)(4) [Subsections] SUBDIVISIONS (a)(1) through (a)(3) inclusive shall apply to all equipment with a maximum capacity rating above 250 million BTU per hour. For equipment rated between 5 and 250 million BTU/hr., these regulations shall apply unless

the Commissioner is satisfied that it is not technically or economically feasible for a unit of the size considered. [Subsections] SUBDIVISIONS (a)(1) through (a)(4) inclusive shall not apply to stationary gas turbines, stationary internal combustion engines and mobile sources.

(a)(5) No person shall cause or permit emissions of nitrogen oxides, calculated as nitrogen dioxide, from a stationary gas turbine in excess of 0.9 pounds per million BTU of heat input.

Statement of Purpose: To amend the standards for sources of nitrogen oxides where it is technologically impractical to comply with existing requirements.

CERTIFICATION
R-39 REV. 1-77

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 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 19 79

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 J. 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 [illegible]	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 J. Bieber

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 the State) Barbara B. Kennelly	BY Louis J. Fazzano

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.