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.

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STATE OF CONNECTICUT
REGULATION
OF

NAME OF AGENCY

DEPARTMENT OF ENVIRONMENTAL PROTECTION

Concerning

SUBJECT MATTER OF REGULATION

ABATEMENT OF AIR POLLUTION

SECTION 1

SECTION 22a-174-22 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES IS AMENDED TO READ AS FOLLOWS:

Sec. 22a-174-22. 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/million gm-cal) of heat input [.] EXCEPT THAT FOR BOILERS WITH A CYCLONE FURNACE OR FURNACES HAVING A "MAXIMUM RATED CAPACITY" OF TWO-HUNDRED-FIFTY (250) MILLION "BTU" PER HOUR OR MORE THE "EMISSION" LIMIT IS 0.9 POUNDS PER MILLION BTU UNLESS THE "COMMISSIONER" BY PERMIT OR OTHER ORDER SETS AN INDIVIDUAL FEDERALLY ENFORCEABLE "EMISSION" LIMIT WHICH:

(A) IS LESS THAN 0.9 POUNDS PER MILLION "BTU" OF HEAT INPUT; AND

(B) IS REASONABLY ACHIEVABLE BY THE BOILER AS BASED UPON STACK TESTS APPROVED BY THE "COMMISSIONER".

(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/million gm-cal) of heat input except that:

[(i)](A) For existing fast response double-furnace naval boilers the "emission" limit is 0.5 pounds per million "BTU" of heat input; and

[(ii)](B) 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) 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. 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.

(b) Nitric acid manufacture. No "person" shall cause or permit the "emission" of nitrogen oxides, calculated as nitrogen dioxide, from nitric acid manufacturing plants in excess of 5.5 pounds per ton (2.8 kg./metric ton) of 100 percent acid produced.

(c) Other "sources." No non-fuel burning "source" shall emit nitrogen oxides, calculated as nitrogen dioxide, in excess of 700 parts per million by volume.

STATEMENT OF PURPOSE: To grant the "Commissioner" the authority to set an individual emission limitation on the amount of nitrogen oxides emitted by very large gas fired boilers.

CERTIFICATION
R-39 REV. 1/77

Be it known that the foregoing:

[X] Regulations [ ] Emergency Regulations

Are:

[ ] Adopted [X] Amended as hereinabove stated [ ] Repealed

By the aforesaid agency pursuant to:

[X] Section 22a-174 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 March 11, 1986, 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 10 th day of April 1986

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 April 21, 1986	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 O'Riddle	OFFICIAL TITLE, DULY AUTHORIZED Dep. Att Gen

MAY 1 1986

[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 6/17/86	SIGNED *(Clerk of the Legislative Regulation Review Committee)* Keith A Goodrich

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 June 23, 1986	SIGNED *(Secretary of the State.)* Julian H. Tarbox	BY Agnes 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
JUN 25 1986
ADMIN. DIV. SEC'Y. OF STATE

2.1.16
NOx RACT SIP
§22

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION I
J.F. KENNEDY FEDERAL BUILDING, BOSTON, MASSACHUSETTS 02203-2211

DEPARTMENT OF ENVIRONMENTAL PROTECTION
BUREAU OF AIR MANAGEMENT
OFFICE OF BUREAU CHIEF
JUN 27 1994
RECEIVED

June 23, 1994

Carmine DiBattista, Chief
Bureau of Air Management
Department of Environmental Protection
79 Elm Street
Hartford, CT 06106-1630

Dear Mr. DiBattista: Carmine

We have received the May 24, 1994 letter from Timothy Keeney requesting to amend the Connecticut State Implementation Plan (SIP). We have determined that the submittal which contains 22a-174-22, "Control of Nitrogen Oxides" is administratively and technically complete. EPA is currently reviewing the submittal to prepare a Notice of Proposed Rulemaking (NPR) which we expect to forward to the EPA Headquarters for their review.

In a letter dated January 15, 1993, from Regional Administrator Julie Belaga to Governor Lowell Weicker, EPA notified Connecticut that a finding of failure to submit was made under section 179(a). However, this letter determines that Connecticut's May 24, 1994 submittal of 22a-174-22, "Control of Nitrogen Oxides" fulfills the NOx RACT SIP requirement and therefore stops the sanctions clock.

Please note that the January 15, 1993 finding also triggered the Federal Implementation Plan (FIP) clock. EPA remains obligated to promulgate a FIP until EPA takes final rulemaking action to approve the SIP.

Martha Larson is the principal contact for this rulemaking. If you or your staff have any questions, please call her at (617) 565-3270.

Sincerely,

Linda M. Murphy

Linda M. Murphy, Director
Air, Pesticides and Toxics Management Division

cc: John Gove, CT DEP

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