

8-2614-00542

N.Y.S. DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF AIR

SECTID NO: 8-C-0152

RUN DATE: 04/01/96

C 261400 1357 00003 W C

LOCATION FAC EP

CERTIFICATE TO OPERATE AN AIR CONTAMINATION SOURCE
STATIONARY COMBUSTION INSTALLATION UNIT

OWNER		FACILITY		(11) CONFIDENTIAL STATUS	NON-CONFIDENT
(1) ROCHESTER UNIV CENT UTIL		(6) UNIVERSITY OF ROCHESTER		(12) APPLICATION STATUS	IN COMPLIANCE
(2) PO BOX 640		(7) ELMWOOD AVENUE		DATE OF LAST CHANGE	03/25/96
(3) ROCHESTER (4) NY		(8) ROCHESTER	(9) 14627	PRIOR CO ISSUE DATE	
(5) 14642		(10) REP: W. NICHOLS		PRIOR CO EXPIRATION DATE	

FACILITY EMIS-CLASS / PGM-CODE: A1

POINT EMIS-CLASS / PGM-CODE:

EMISSION POINT 00003	(41)UTH-E: 286.1 KM.	(42)STACK HEIGHT: 137 FT.	(43)EXIT VELOCITY: 32.98 FT/SEC	(44)SIC: 8999	(45)AGENCY-CODE-1:
	(46)UTH-N: 777.0 KM.	(47)HT ABV STRUC: 69 FT.	(48)EXIT FLOW: 24866.00 ACFM	(49)ICO FEE:	(50)AGENCY-CODE-2: N
	(51)GRND ELEV: 545 FT.	(52)STK DIAM: 48 IN.	(53)EXIT TEMP: 337 DEGR F	(54)ICO CONDITIONS: 1	
	(55)HEAT INPUT: 67.0 MILLIONS BTU/HR	(56)CONTINUOUS MONITORS: (D)02			
UNIT C	(57)TYPE: C01 PACKAGE BOILER	(58)MFG: BABCOK & MILCOX STERLING	(59)HEAT INPUT: 39.80 MILLIONS BTU/HR		
	(62)BLDG: CENTRAL UTILITIES	(60)AIR INTAKE: 1 OUTSIDE AIR INTAKE	(61)SOURCE CODE: 7310 SPACE HEATING-SOLID		
	(63)FLOOR NAME: GRD				
BURNER DATA	(64)TYPE: 052 STEAM ATONIZED	(65)MFG: COEN #235	(66)NO. OF BURNERS: 2		
FUEL DATA	(67)TYPE: 036 NO 6 OIL - VIRGIN	FUEL QUANTITIES: (68)AVG/HR: 323.7	(69)MAX/HR: 850.0	(70)TOTAL/YEAR: 179627	
	(71)FUEL SUPPLIER: ALLIED OIL - GOETZ OIL	(72)HOURS/DAY: 24.0	(73)DAYS/YEAR: 23	(74)% OP BY SEASON: 25 25 25 2	
CONTROL EQUIPMENT	(86)TYPE: 099 NONE				

GENERAL CONDITIONS

1. SHOULD SIGNIFICANT NEW SCIENTIFIC EVIDENCE FROM A RECOGNIZED INSTITUTION RESULT IN A DECISION BY DEC THAT LOWER AMBIENT POLLUTION LEVELS MUST BE ESTABLISHED, IT MAY BE NECESSARY TO REDUCE EMISSIONS FROM THIS SOURCE PRIOR TO THE EXPIRATION OF THIS CERTIFICATE TO OPERATE.

SPECIAL CONDITIONS (148)CONDITION

1. SEE ATTACHED SPECIAL CONDITIONS
2. DATED 03-19-96, RELATING TO 6NYCRR
3. PART 227 NOX RACT REQUIREMENTS.

(15)PRIOR COMMENTS (16)BY JK	(17)DATE 06/27/84	(18)CURRENT COMMENTS (19)BY	(20)DATE 1/1	(27)LAST INSPECTION DATE 1/1
1. NOT OPERATING AT TIME OF INSP.		1.		(21)INSPECTION STATUS 5
2. LAST INTERNAL 62284		2.		(22)DATE OF NEXT ACTION 1/1
3. NEW BRICK WORK ON UNIT 3		3.		(23)ISSUE DATE 10/01/95
4.		4.		(24)EXPIRATION DATE 10/01/00
5.		5.		(25)ICO FEE \$50.00

FIRM REP'S SIGNATURE:

DATE:

ISSUING OFFICER'S SIGNATURE:

DATE:

APR 25 1996

SPECIAL PERMIT CONDITIONS
Article 19, Air Pollution Control

Facility Name: University of Rochester
DEC Permit No.: 8-2614-00548/00006-0
Air Program ID No.: 261400 1357
Emission Point No.: 00003

Issue Date: March 19, 1996

1. As a result of the May 24, 1995 NO_x RACT determination, an alternative emission limit of 0.425 pounds of nitrogen oxides per one million BTU heat input is established for this source. This emission limit constitutes a variance from the emissions limit contained in 6NYCRR part 227-2. This emission limit will be achieved by burner tuning and oxygen trim.
2. Compliance with this emission limit shall be determined with a one-hour average in accordance with 6NYCRR part 227-2.6(c).
3. To insure continuing compliance with condition #1, this boiler will be operated according to the operating plan submitted to The Department on September 29, 1995.
4. This source is limited to combusting 1,000,000 gallons of fuel oil per year (#2 and #6 combined).
5. Deviations from the operating conditions set forth in the operating plan will be reported to the NYSDEC Region 8 office annually. This annual report is due 30 days after the end of each calendar year. This report will also include annual fuel use for this boiler. A study detailing the feasibility of nitrogen oxide reduction by process modification or abatement technology will also be included.
6. The Department reserves the right to require the source owner to evaluate and implement innovative control technology within a time frame established by the commissioner's representative per 621.14(a)(4).
7. Any increase in fuel use from that specified in condition #3 shall be grounds for The Department to revoke this variance.