

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL RESOURCES
SOUTHCENTRAL REGION - FIELD OPERATIONS
AIR QUALITY CONTROL PROGRAM

OPERATING PERMIT



In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and after due consideration of an application received under Chapter 127 of the rules and regulations of the Department of Environmental Resources, the Department hereby issues this permit for the operation of the air contamination source described below.

Permit No: <u>67-2001</u>	Source & Air Cleaning Device: <u>Refractory Production Facility</u>
Owner: <u>J. E. Baker Company</u>	
<u>232 East Market Street</u>	
Address: <u>P.O. Box 1189</u>	
<u>York, PA 17405-1189</u>	
Attention: <u>Mr. Ronald O. Downey</u>	Location: <u>West Manchester Township</u>
<u>Manager, Environmental Engineering</u>	<u>York County</u>

This permit is subject to the following conditions:

1. That the source and any associated air cleaning devices are to be:
 - a. operated in such a manner as not to cause air pollution;
 - b. in compliance with the specifications and conditions of the Reasonably Available Control Technology (RACT) plan;
 - c. operated and maintained in a manner consistent with good operating and maintenance practices.
2. This permit is valid only for the specific equipment, location and owner named above.
3. This operating permit is valid for a limited time only and may be renewed before its expiration. Requests for an operating permit renewal must be in writing and must be accompanied by a fee in the amount of \$500 payable to the "Commonwealth of Pennsylvania - Clean Air Fund." The request should be made on the attached Interim Application for Renewal of a Permit to Operate form and must be received by the Department along with a completed Compliance History form (attached) no later than SEP 1 1999.
4. See attached.

Failure to comply with the conditions placed on this permit is a violation of Section 127.25. Violation of this or any other provision of Article III of the rules and regulations of the Department of Environmental Resources will result in suspension or revocation of this permit and/or prosecution under Section 9 of the Air Pollution Control Act.

Issued: December 22, 1994

~~Expires: November 30, 1999~~


Program Manager

Southcentral Region 67-2001
York District
Permits

PERMIT NO. 67-2001

J. E. BAKER COMPANY

Conditions, Continued

4. This permit constitutes a RACT determination for oxides of nitrogen (NO_x) emissions as per 25 Pa. Code, Sections 129.91 and 129.92 for the following sources and operations at the J. E. Baker/DBCA Refractory facility:

<u>Source</u>	<u>Manufacturer</u>	<u>AIMS ID#</u>
No. 1 Rotary Kiln	Fuller	109
No. 2 Rotary Kiln	KVS	110
Rotary Dryer	Simplicity	103
Well Block Oven and Incinerator	Saxton Air Systems	121
Pellet Dryer	-	122
Despatch Oven and Incinerator	-	801
No. 5 Tunnel Kiln	British Ceramic Society	810
No. 6 Tunnel Kiln	Swindler-Dressler	820
No. 7 Periodic Kiln and Incinerator	Bickley	830
Electric Oven and Incinerator	Eisenmann	-
Stationary I.C. Engines	-	-

5. This permit supercedes and incorporates the requirements of the following plan approvals and operating permits:

67-309-035	67-309-082
67-309-042A	67-309-086
67-309-066A	

6. All combustion sources listed in Condition 4 above, except for the Nos. 1 and 2 rotary kilns, must comply with the requirements of 25 Pa. Code, §129.93(c).
7. NO_x emissions from the No. 1 rotary kiln shall not exceed 34.0 pounds of NO_x per ton of product.
8. NO_x emissions from the No. 2 rotary kiln shall not exceed 38.0 pounds of NO_x per ton of product.
9. The Department reserves the right to amend the emission rates in Conditions 7 and 8 above as necessary based upon information collected in accordance with Condition 10 below.
10. NO_x emissions from the No. 1 and No. 2 rotary kilns shall be verified annually by testing during the period from May 1st through October 31st or by some other means approved by the Department for each year authorized by the operating permit or its renewal. This testing shall begin in calendar year 1995 and shall be conducted in accordance with the provisions of Chapter 139 of the Department's rules and regulations.

PERMIT NO. 67-2001

J. E. BAKER COMPANY

Conditions, Continued

11. An annual report as per Section 129.95 containing, but not limited to, the following data for each fuel-burning unit complying with 25 Pa. Code, §129.93(c) shall be submitted to the York District Supervisor:
 - a. identification of each source
 - b. hours of operation per quarter
 - c. fuel combusted per quarter
 - d. fuel analysis for each fuel shipment received
 - e. pounds of NO_x emitted per quarter

The report for each January 1 through December 31 period is due no later March 1 of the following year for each year authorized by the operating permit or its renewal.