

COMMONWEALTH OF PENNSYLVANIA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
SOUTHCENTRAL REGION
AIR QUALITY PROGRAM

V 91

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PLAN APPROVAL

APPROVAL NO. 06-1023 Source & Bread Bakery
Owner/Operator: Maier's Bakery Air Catalytic Oxidizer
Address: 640 Park Avenue Cleaning
Reading, PA 19611 Device
Attention: Mr. Richard Reidnauer
Operations Manager Location Reading Plant
Reading
Berks County

In accordance with provisions of the Air Pollution Control Act, the Act of January 8, 1960, P.L. 2119, as amended, and with Chapter 127 of the rules and regulations of the Department of Environmental Protection, the Department on SEP 20 1995 approved plans for the modification of the above indicated air contamination source(s).

T. PLAN APPROVAL expires May 31, 1996.

plan approved is subject to the following conditions:

- (1) The sources are to be modified in accordance with the plans submitted with the application (as approved herein).

(SEE THE ATTACHED ADDITIONAL CONDITIONS)

Notify the person noted below when the installation is completed so that the source(s) can be inspected for issuance of an OPERATING PERMIT.

NOTE:

Roger A. Fitterling
Air Quality Program
1005 Cross Roads Boulevard
Reading, PA 19605
(610) 916-0100

Leif Ericson
LEIF ERICSON
Air Quality Program Manager

RECEIVED
Ozone Depleting Sources
2005 (20031)

cc: Permits
Southcentral Regional Office
Lancaster District Office
Reading District Office

NOV 14 1995

EPA, REGION III

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Sources:

- (1) Two (2) Cleavor Brooks Boilers
- (2) Bread Oven (Baker Perkins)
- (3) Hard Roll Oven (Baker Perkins)
- (4) No. 2 Fuel Oil Storage Tank (10,000 gal.)
- (5) Motor Oil Storage Tank (3,000 gal.)
- (6) Two (2) Waste Oil Storage Tank (563 gal. & 400 gal.)

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Conditions (continued):

- (2) This Plan Approval is issued for the purpose of defining the Department's VOC Reasonably Available Control Technology (RACT) determination for the sources of the company's Reading Plant.
- (3) This Plan Approval establishes VOC RACT for the Bread Oven as:
 - (a) The installation and operation of a catalytic oxidizer to control emissions from the oven.
 - (b) An interim maximum VOC emission limit of 0.26 #/ton of product on a daily basis.
- (4) A final VOC emission limit will be determined upon evaluation of the results of the compliance testing of the emissions from the Bread Oven.
- (5) Final design details for the catalytic oxidizer shall be submitted to the Regional Air Quality Control Program Manager at least ninety (90) days prior to the installation.
- (6) The temperature in the combustion chamber of catalytic oxidizer shall be maintained at a minimum of 550° F.
- (7) The company shall maintain a temperature measuring and recording device on the catalytic oxidizer that shows the temperature of the gases entering and exiting the catalyst bed.
- (8) No source shall be operated during any oxidizer malfunction or without the oxidizer attaining and/or maintaining the minimum operating temperatures required by this permit. The company shall maintain a system to notify the source operators of any oxidizer malfunctions.
- (9) Prior to issuance of an operating permit, and no longer than one hundred and eighty (180) days after the start up, the company must perform a stack test on the Bread Oven and associated catalytic oxidizer covered by this Plan Approval in accordance with the provisions of Chapter 139 to show compliance. The stack test shall be performed while the aforementioned source is operating at the maximum rated capacity as stated on the application. The stack test shall be for the emission rate of VOCs from the oven.
- (10) This Plan Approval establishes the VOC RACT for the Hard Roll Oven as:
 - (a) Implementation of process changes in the dough mixing known as yeast spiking as identified in the company's RACT Plan and 1993 "AIMS" Report.

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- (b) An interim VOC emission limit of 2.9 #/Ton of hard rolls for spiked products, and 5.3 #/Ton of hard rolls for unspiked products.
- (11) Final VOC emission limits will be determined upon evaluation of the results of the compliance testing of the emissions from the Hard Roll Oven.
- ~~(12) If the company wishes to add additional unspiked products, the company shall submit a request for approval to the Department.~~
- ~~(13) Prior to issuance of an operating permit, and no longer than one hundred and eighty (180) days after the start up, the company must perform a stack test on Hard Roll Oven covered by this Plan Approval in accordance with the provisions of Chapter 139 to show compliance. The stack test shall be performed while the aforementioned source is operating at the maximum rated capacity as stated on the application. The stack test shall be for determining the maximum emission rates for products using the yeast spiking method and for products not using the yeast spiking method.~~
- (14) At least thirty (30) days prior to any testing as required by conditions #9 & 13, the Regional Air Quality Program Manager shall be informed of the date and time of the test.
- (15) At least sixty (60) days prior to any required testing, the company shall submit to the Department for approval the procedures for the test and a sketch with dimensions indicating the location of sampling ports and other data to ensure the collection of representative samples.
- (16) Within thirty (30) days after any source test(s), three copies of the complete test report, including all operating conditions, shall be submitted to the Regional Air Quality Program Manager for approval.
- (17) This Plan Approval establishes VOC RACT for the two (2) Cleavor-Brooks Boilers, the Fuel Oil Storage Tank, the Motor Oil Storage Tank and the two (2) Waste Oil Storage Tank as actual VOC emission for each source shall not exceed 2.7 tons per calendar year and be operated and maintained in accordance with good air pollution control practices.
- (18) The company shall maintain records in a manner that can verify compliance with all standards within this Plan Approval.
- (19) Records required under this Plan Approval shall be kept for a period of five (5) years and shall be made available to the Department upon its request.
- ~~(20) The sulfur content of the No. 2 Fuel Oil fired in this boiler shall not, at any time, exceed 0.3% (by weight).~~

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~~(21) This Plan Approval authorizes temporary operation of the source(s) covered by this Plan Approval provided the following conditions are met:~~

~~(a) The Department must receive written notice from the Owner/Operator of the completion of construction and the Operator's intent to commence operation at least five (5) working days prior to the completion of construction. The notice shall state when construction will be completed and when the Operator expects to commence operation.~~

~~(b) Operation is authorized only to facilitate the start up and shake-down of sources and air cleaning devices, to permit operations pending the issuance of an Operating Permit or to permit the evaluation of the source(s) for compliance with all applicable regulations and requirements.~~

~~(c) This condition authorizes temporary operation of the source(s) for a period of one hundred eighty (180) days from the date of commencement of operation, provided the Department receives notice from the Owner/Operator pursuant to Subpart (a), above.~~

~~(d) The Owner/Operator may request an extension if compliance with all applicable regulations and Plan Approval requirements has not been established. The extension request shall be submitted in writing at least fifteen (15) days prior to the end of this period of temporary operation and shall provide a description of the compliance status of the source, a detailed schedule for establishing compliance, and the reasons compliance has not been established.~~

~~(e) The notice submitted by the Owner/Operator pursuant to Subpart (a), above, prior to the expiration of this Plan Approval, shall modify the Plan Approval expiration date. The new Plan Approval expiration date shall be one hundred eighty (180) days from the date of the written notice.~~

(22) The implementation of the VOC RACT Plan as established in this Plan Approval shall be as expeditious as possible.

