

217/782-2113

FEDERALLY ENFORCEABLE STATE OPERATING PERMIT -- RENEWAL

PERMITTEE

La Francaise Bakery, Inc.  
Attn: Greg Cox  
111 North Northwest Highway  
Northlake, Illinois 60164

Application No.: 96080099                      I.D. No.: 031471ABN  
Applicant's Designation:                      Date Received: February 25, 2002  
Subject: Bakery                                      Expiration Date: July 1, 2007  
Date Issued: July 1, 2002  
Location: 111 North Northwest Highway, Northlake

This permit is hereby granted to the above-designated Permittee to OPERATE emission source(s) and/or air pollution control equipment consisting of nine baking ovens, three natural gas fired boilers and flour storage and conveying system controlled by bag filter pursuant to the above-referenced application. This Permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This federally enforceable state operating permit is issued to limit the emissions of Volatile Organic Material (VOM) from the source to less than major source thresholds (i.e., 25 tons/year for VOM). As a result, the source is excluded from the requirement to obtain a Clean Air Act Permit Program (CAAPP) permit and from the applicability of the requirements of 35 Ill. Adm. Code Part 203. The maximum emissions of this source, as limited by the conditions of this permit, are described in Attachment A.
- b. Prior to issuance, a draft of this permit has undergone a public notice and comment period.
- 2. Operation of the bakery and VOM emissions shall not exceed the following limits:

<u>Production of Yeast</u>		<u>Emission Factor</u> (Lb VOM/Ton Product)	<u>VOM Emissions</u>	
<u>Containing Baked Product</u> (Ton/Mo)	<u>(Ton/Yr)</u>		<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
1,300	13,000	3.72	2.4	24.2

These limits define the potential emissions of VOM from baking operations and are based on the actual emissions determined from the maximum production rate and a site specific emission factor derived from the stack test and using the worst case scenario. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus preceding 11 months.

- 3a. Natural gas shall be the only fuel fired in the fuel combustion equipment.
- b. Natural gas consumption and emissions shall not exceed the following limits:

Natural Gas Consumption: 140,000 therm/mo, 1,600,000 therm/yr

<u>Pollutant</u>	<u>Emission Factor</u> (Lb/10 <sup>3</sup> therm)	<u>Emissions</u>	
		(Lb/Mo)	(Ton/Yr)
Nitrogen Oxide (NO <sub>x</sub> )	10	1,400	8.0
Carbon Monoxide (CO)	8.4	1,200	6.7
Particulate Matter (PM)	0.76	106	0.6
Volatile Organic Material (VOM)	0.55	77	0.4

- c. These limits define the potential emissions of VOM from natural gas combustion and are based on the actual emissions determined from the maximum firing rate and standard emission factors.
  - d. Compliance with annual limits shall be determined on a monthly basis from the sum of the data for the current month plus preceding 11 months.
4. This permit is issued based on negligible emissions of particulate matter from the flour storage and conveying system. For this purpose emissions shall not exceed nominal emission rate of 0.1 lb/hour and 0.44 ton/year.
- 5a. The Permittee shall keep records of the following items:
- i. Amount of yeast containing product baked (Ton/Mo, Ton/Yr);
  - ii. Natural gas consumption (10<sup>3</sup> therm/Mo, 10<sup>3</sup> therm/Yr); and
  - iii. VOM emission calculations (Ton/Mo, Ton/Yr);
- b. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA or USEPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to the Illinois EPA or USEPA request for records during the course of a source inspection.
6. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a

description of the exceedances or violation and efforts to reduce emissions and future occurrences.

7. The Permittee shall submit the following additional information with the Annual Emissions Report, due May 1st of each year: annual yeast containing baked product production (tons/year) from the prior calendar year.
8. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency  
Division of Air Pollution Control  
Compliance Section (#40)  
P.O. Box 19276  
Springfield, IL 62794-9276

and one (1) copy shall be sent to the Agency's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency  
Division of Air Pollution Control - Regional Office  
9511 West Harrison  
Des Plaines, Illinois 60016

If you have any questions on this permit, please call Valeriy Brodsky at 217/782-2113.

Donald E. Sutton, P.E.  
Manager, Permit Section  
Division of Air Pollution Control

DES:VJB:psj

Attachment

cc: Illinois EPA, FOS Region 1  
Illinois EPA, Compliance Section  
USEPA

Attachment A - Emission Summary

This attachment provides a summary of the maximum emission from the Bakery operating in compliance with the requirements of this federally enforceable permit. In preparing this summary, the Illinois EPA used the annual operating scenario which results in maximum emissions from such a plant. This is production of 13,000 tons of yeast containing baked product per year. The resulting maximum emissions are well below the levels, e.g., 25 tons per year of VOM at which this source would be considered a major source for purposes of the Clean Air Act Permit Program and 35 Ill. Adm. Code Part 203. Actual emissions from this source will be less than predicted in this summary to the extent that material is handled, and control measures are more effective than required in this permit.

1. VOM Emissions from the baking operations:

Production of Yeast Containing Baked Product		Emission Factor	VOM Emissions	
<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>	<u>(Lb VOM/Ton Product)</u>	<u>(Ton/Mo)</u>	<u>(Ton/Yr)</u>
1,300	13,000	3.72	2.4	24.2

2. Emissions from the fuel combustion equipment:

Natural Gas Consumption: 140,000 therm/mo, 1,600,000 therm/yr

<u>Pollutant</u>	<u>Emission Factor</u> <u>(Lb/10<sup>3</sup> therm)</u>	<u>Emissions</u>	
		<u>(Lb/Mo)</u>	<u>(Ton/Yr)</u>
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3. This permit is issued based on negligible emissions of particulate matter from the flour storage and conveying system. For this purpose emissions shall not exceed nominal emission rate of 0.1 lb/hour and 0.44 ton/year.

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