

May 26, 2004

Certified Mail #9058 1836

Mr. Mark Wojcik
General Manager
Bakery Feeds
3200 Sheffield Avenue
Hammond, Indiana 46327

Re: **NOC 089-18996**
Notice-only change to
R089-16737-00298

Dear Mr. Wojcik:

Bakery Feeds was issued a Registration on January 23, 2003 and a local operation permit on January 23, 2004 for operation of a Bakery Waste Drying and Blending Plant. A letter notifying the Hammond Department of Environmental Management (HDEM) and the Indiana Department of Environmental Management, Office of Air Quality (IDEM, OAQ) of a request for permit change, in regard to changes in 326 IAC 2-6 (Emission Reporting) was received on April 2, 2004. Revisions to 326 IAC 2-6 (Emission Reporting) became effective March 27, 2004. Pursuant to the provisions of 326 IAC 2-6.1-6 the permit is hereby revised as follows (~~strikeout~~ added to show what was deleted and **bold** added to show what was added):

1. On page 2 of 4 of the Registration, 326 IAC 2-6 (Emission Reporting) no longer applies to the source. However, the source will be required to submit an annual emission inventory per Hammond Ordinance No. 7102.

~~326 IAC 2-6 (Emission Reporting)~~

~~This facility is subject to 326 IAC 2-6 (Emission Reporting), because the source emits more than 10 tons/yr of NOx. Pursuant to this rule, the owner/operator of this facility must annually submit an emission statement of the facility. The annual statement must be received by April 15 of each year and must contain the minimum requirements as specified in 326 IAC 2-6-4.~~

Hammond Ordinance No. 7102 (Emission Inventory)

The Permittee shall submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

**Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320**

This inventory does require a signed certification sheet by a company representative.

Information on page 2 of 4 has also been shifted to page 3 of 4.

2. On page 3 of 3 of the local operation permit's Special Operation Conditions, Special Operating Condition 9, 326 IAC 2-6 (Emission Reporting) no longer applies to the source. However, the source will be required to submit an annual emission inventory per Hammond Ordinance No. 7102.

Annual Emission Reporting

9. ~~That pursuant to 326 IAC 2-6 (Emission Reporting), the Permittee must annually submit an emission statement for the source. This statement must be received by April 15 of each year and must comply with the minimum requirements specified in 326 IAC 2-6-4. The annual statement must be submitted to:~~

~~Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue, Room 304
Hammond, Indiana 46320~~

~~and the:~~

~~Indiana Department of Environmental Management
Data Support Section, Office of Air Quality
100 North Senate Avenue, P.O. Box 6015
Indianapolis, Indiana 46206-6015~~

~~The annual emission statement covers the twelve (12) consecutive month time period starting January 1 and ending December 31.~~

9. **Per Hammond Ordinance No. 7102, the source will be required to submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:**

**Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320**

This inventory does require a signed certification sheet by a company representative.

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this letter and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact our Department at (219) 853-6306.

Sincerely,

Debra Malone, Chief Engineer
Hammond Department of Environmental Management

cc: Mindy Hahn, Permits Administration, IDEM, OAQ

January 23, 2003*

CERTIFIED MAIL #9058 7845

Mark Wojcik
Bakery Feeds
Building 3, Unit E
3200 Sheffield Avenue
Hammond, Indiana 46327

Re: Registered Construction and Operation Status,
089-16737-00298

Dear Mr. Wojcik:

The application from Bakery Feeds, received on November 4, 2002, has been reviewed. Based on the data submitted and the provisions in 326 IAC 2-5.5, it has been determined that the following Bakery Waste Drying and Blending Plant, to be located at 3200 Sheffield Avenue, Building 3, Unit E, Hammond Indiana, is classified as registered:

- (a) One (1) Raw Material Drying Operation including a pre-breaker mill with a maximum design capacity of 25 tons per hour, a rotary dryer (natural gas-fired only, with a capacity of 25 MMBtu/hr) a discharge box, and two material handling conveyors. (Emission Point, EP-01)

Particulate emissions from this operation are controlled by two (2) product recovery cyclones (in series) which shall be in use at all times when the process is in operation.

- (b) One (1) Dry Blending Products Receiving including an in ground hopper and a material handling conveyor with a maximum design rate of 27 tons per hour. (EP-02)

Maximum blending stock received for any given year is 27,000 tons/yr.

- (c) One (1) Dry Blending Products Storage Bin Loading including a bucket elevator, storage silo (235,000-lb capacity), and discharge screw conveyor. (EP-03)

Maximum blending stock received for any given year is 27,000 tons/yr.

- (d) One (1) Finished Product Cooler including an enclosed screw conveyor with a maximum design rate of 25 tons per hour.

- (e) One (1) Finished Product Load Out Operation including a receiving hopper and covered screw conveyor with a maximum design rate of 60 tons per hour. (EP-04)

Maximum finished product load out for any given year is 120,000 tons/yr.

*Revised 5/26/04.

- (f) One (1) Paper Separation Process including (4) Rotex screens, covered screw conveyors and a compactor with a maximum design rate of 0.75 tons per hour. (EP-05)

Particulate emissions from this process are controlled by two cyclones (in series).

This facility processes bakery wastes by grinding the material, drying it in a natural gas-fired dryer and then screening the product to assure a uniform size. Following the screening process, paper and other trash is pneumatically removed from the screen. These materials will be separated from the air stream in two cyclones and then be discharged into a trash compactor. The air stream is discharged inside the building. Finished product is then cooled and placed into the storage area. All product handling, conveying, drying, milling, and screening as well as finished product storage is conducted inside to minimize any environmental impacts. Load out of the finished product occurs on the West side of the building. Finished product is delivered by covered screw conveyors and top loaded into rail cars or tractor trailer trucks.

The following conditions shall be applicable:

Hammond Ordinance No. 7102 (Emission Inventory)

The Permittee shall submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

This inventory does require a signed certification sheet by a company representative.

326 IAC 6-3-2 (c) (Particulate Emissions Limitations for Process Operations)

Pursuant to 326 IAC 6-3-2 (c) (Particulate Emissions Limitations for Process Operations), the PM emissions from this process shall not exceed the following allowable rates based on the Process Weight Rate table in the rule:

Raw Material Drying, 35.43 lbs/hr;
Dry Blending Products Receiving, 37.31 lbs/hr;
Dry Blanding Products Storage Bin Loading, 37.31 lbs/hr; and
Finished Product Load Out Operation, 46.3 lbs/hr.

However, since no controls are needed to meet any of these allowable rates, the Hammond Air Quality Control Ordinance No. 3522 (as amended) will limit the process emissions to the following emissions after controls which will be within the standards set by the rule:

Raw Material Drying, 4.92 lbs/hr;
Dry Blending Products Receiving, 1.62 lbs/hr;
Dry Blanding Products Storage Bin Loading, 0.54 lbs/hr; and
Finished Product Load Out Operation, 0.66 lbs/hr.

Also, special conditions will require the operation of control equipment at all times when the process is in operation.

This registration is a new registration issued to this existing source. The source may operate according to 326 IAC 2-5.5.

An authorized individual shall provide an annual notice to the Office of Air Quality that the source is in operation and in compliance with this registration pursuant to 326 IAC 2-5.5-4(a)(3). The annual notice shall be submitted to:

Compliance Data Section
Office of Air Quality
100 North Senate Avenue
Indianapolis, IN 46206-6015

and

Hammond Department of Environmental
Management
Air Pollution Control Division
5925 Calumet Avenue
Hammond, Indiana 46320

no later than March 1 of each year, with the annual notice being submitted in the format attached.

An application or notification shall be submitted in accordance with 326 IAC 2 to the Office of Air Quality (OAQ) if the source proposes to construct new emission units, modify existing emission units, or otherwise modify the source.

Sincerely,

Ronald Novak, Director
Hammond Department of Environmental Management

KM

cc: Permits Administrator – Mindy Hahn

Registration Annual Notification

This form should be used to comply with the notification requirements under 326 IAC 2-5.5-4(a)(3).

Company Name: Bakery Feeds
Address: 3200 Sheffield Avenue, Building 3, Unit E
City: Hammond
Authorized Individual: Mark Wojcik
Phone #: (219) 853-9700
Registration #: 089-16737-00298

I hereby certify that Bakery Feeds is still in operation and is in compliance with the requirements of Registration 089-16737-00298.

Name (typed): Mark Wojcik
Title: General Manager
Signature:
Date:

Special Operation Conditions

for

Bakery Feeds

Raw Material Drying Operation

Performance Testing

1. That pursuant to 326 IAC 2-1-3 (Construction and Operating Permit Requirements) a compliance stack test shall be performed for Particulates (PM) from the Rotary Dryer (EP-01) within 60 days after achieving maximum production rate, but no later than 180 days after initial start-up. These tests shall be performed according to 326 IAC 3-6 (Source Sampling Procedures) using the methods specified in the rule or as approved by the Commissioner.
 - (a) A test protocol shall be submitted to the HDEM and OAM, Compliance Data Section, 35 days in advance of the test.
 - (b) The agencies shall be notified of the actual test date at least two (2) weeks prior to the date.
 - (c) All test reports must be received by the HDEM and OAM, Compliance Data Section within 45 days of completion of the testing.
 - (d) Whenever the results of the stack test performed exceed the level specified in the operation permit, appropriate corrective actions shall be implemented within thirty (30) days of receipt of the test results. These actions shall be implemented immediately unless notified by HDEM or OAM that they are not acceptable. The Permittee shall minimize emissions while the corrective actions are being implemented.
 - (e) Whenever the results of the stack test performed exceed the level specified in this permit, a second test to demonstrate compliance shall be performed within 120 days. Failure of the second test to demonstrate compliance may be grounds for immediate revocation of the permit to operate the affected facility.

Particulate Matter Limitation

2. That pursuant to the Hammond Air Quality Control Ordinance No. 3522 (as amended), the two (2) product recovery cyclones (in series) shall be in operation at all times when the Raw Material Drying Operation is in use, and shall not exceed the allowable particulate matter (PM) emission rate of 4.924 lbs/hr.

Visible Emission Notations

3. That a daily visible emission notation of emission point, EP-01 shall be performed. A trained employee will record whether emissions are normal or abnormal.
 - (a) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, 80% of the time, the process is in operation, not counting start up or shut down time.
 - (b) In the case of batch or discontinuous operation, readings shall be taken during that part of the operation specified in the facility's specific condition prescribing visible emissions.
 - (c) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal and abnormal visible emissions for that specific process.
 - (d) The Preventive Maintenance Plan for this facility shall contain troubleshooting contingency and corrective actions for when an abnormal emission is observed.

Dry Blending Products Receiving

4. Particulate Matter and Particulate Matter less than 10 micron in diameter (PM10) Limitation
That pursuant to the Hammond Air Quality Control Ordinance No. 3522 (as amended), the maximum blending stock received per year shall be limited to 27,000 tons/yr (rolled on a monthly basis) so that the Dry Blending Products Receiving shall not exceed the allowable particulate matter (PM) emission rate of 0.810 TPY or the allowable particulate matter less than 10 micron in diameter (PM10) emission rate of 0.203 TPY.

Dry Blending Products Storage Bin Loading

5. Particulate Matter and Particulate Matter less than 10 micron in diameter (PM10) Limitation
That pursuant to the Hammond Air Quality Control Ordinance No. 3522 (as amended), the maximum blending stock received per year shall be limited to 27,000 tons/yr (rolled on a monthly basis) so that the Dry Blending Products Storage Bin Loading shall not exceed the allowable particulate matter (PM) emission rate of 0.270 TPY or the allowable particulate matter less than 10 micron in diameter (PM10) emission rate of 0.068 TPY.

Finished Product Load Out Operation

6. Particulate Matter and Particulate Matter less than 10 micron in diameter (PM10) Limitation
That pursuant to the Hammond Air Quality Control Ordinance No. 3522 (as amended), the maximum finished product load out per year shall be limited to 120,000 tons/yr (rolled on a monthly basis) so that the Finished Product Load Out Operation shall not exceed the allowable particulate matter (PM) emission rate of 0.660 TPY or the allowable particulate matter less than 10 micron in diameter (PM10) emission rate of 0.180 TPY.

Reporting Requirements

7. That a log of information necessary to document compliance with Special Operation Condition Nos. 4, 5, and 6 shall be maintained. These records shall be kept for at least the past 36 month period and made available upon request to the Hammond Department of Environmental Management (HDEM).
- (a) A quarterly summary shall be submitted to:
- Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue, Room 304
Hammond, Indiana 46320
- within thirty (30) calendar days after the end of the quarter being reported in the format attached.
- (b) Unless otherwise specified in this permit, any notice, report, or other submissions required by this permit shall be timely if:
- (i) Postmarked on or before the date it is due; or
- (ii) Delivered by any other method if it is received and stamped by HDEM on or before the date it is due.
- (c) All instances of deviations from any requirements of this permit must be clearly identified in such reports.
- (d) Any corrective actions taken as a result of an exceedance of a limit, an excursion from the parametric values, or a malfunction that may have caused excess emissions must be clearly identified in such reports.
- (e) The first report shall cover the period commencing the date the Operation Permit is issued.

8. That pursuant to General Operation Condition No. 1 and the information supplied in the application, all process fuel burning equipment associated with the Bakery Waste Drying and Blending Plant shall burn natural gas only.
9. Per Hammond Ordinance No. 7102, the source will be required to submit an annual emission inventory containing production information for each permitted unit. The emission inventory must be received by April 15th of each year. The submittal should cover the twelve (12) consecutive month time period starting January 1 and ending December 31. This is a local requirement only. The emission inventory must be submitted to:

Hammond Department of Environmental Management
Air Pollution Control Division
5925 Calumet Avenue - Room 304
Hammond, Indiana 46320

This inventory does require a signed certification sheet by a company representative.

10. Bakery Feeds shall not cause any emissions from the Bakery Waste Drying and Blending Plant to create any nuisance or odors as specified in the City of Hammond Air Quality Control Ordinance No. 3522 (as amended), Article VI, Section 6.11 – Nuisance Abatement.