Ohio Environmental Protection Agency
John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

Certified Mail

10/22/2012

Gary Sluss
AdvancePierre Foods
9990 Princeton-Glendale Rd.
Cincinnati, OH 45246

| | |
|---|---|
| No | TOXIC REVIEW |
| No | PSD |
| Yes | SYNTHETIC MINOR TO AVOID MAJOR NSR |
| No | CEMS |
| No | MACT/GACT |
| No | NSPS |
| No | NESHAPS |
| No | NETTING |
| No | MAJOR NON-ATTAINMENT |
| No | MODELING SUBMITTED |
| Yes | SYNTHETIC MINOR TO AVOID TITLE V |
| Yes | FEDERALLY ENFORCABLE PTIO (FEPTIO) |
| No | SYNTHETIC MINOR TO AVOID MAJOR GHG |

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 1409000687
Permit Number: P0110020
Permit Type: OAC Chapter 3745-31 Modification
County: Butler

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00, made payable to “Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General’s Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPCWeb page,www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: SWOAQA

Ohio | Environmental Protection Agency

# FINAL

# Division of Air Pollution Control
# Permit-to-Install and Operate
for
AdvancePierre Foods

| | |
|---|---|
| Facility ID: | 1409000687 |
| Permit Number: | P0110020 |
| Permit Type: | OAC Chapter 3745-31 Modification |
| Issued: | 10/22/2012 |
| Effective: | 10/22/2012 |
| Expiration: | 5/28/2015 |

Ohio Environmental Protection Agency

**Division of Air Pollution Control**
**Permit-to-Install and Operate**
for
AdvancePierre Foods

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# Authorization

Facility ID: 1409000687
Application Number(s): A0044204
Permit Number: P0110020
Permit Description: Chapter 31 modification to increase allowable emissions for Cook Line 6 (P006) and facility-wide due to the proposed installation of an additional impingement oven.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: $750.00
Issue Date: 10/22/2012
Effective Date: 10/22/2012
Expiration Date: 5/28/2015
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

AdvancePierre Foods
9990 Princeton-Glendale Rd.
West Chester Twp., OH 45246

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Southwest Ohio Air Quality Agency
250 William Howard Taft Rd.
Cincinnati, OH 45219
(513)946-7777

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s))listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Scott J. Nally
Director

# Authorization (continued)

Permit Number: P0110020
Permit Description: Chapter 31 modification to increase allowable emissions for Cook Line 6 (P006) and facility-wide due to the proposed installation of an additional impingement oven.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

| | |
|---|---|
| **Emissions Unit ID:** | **P006** |
| Company Equipment ID: | Line 6 - Sear/Impinge |
| Superseded Permit Number: | 14-06026 |
| General Permit Category and Type: | Not Applicable |

# A. Standard Terms and Conditions

**1. What does this permit-to-install and operate ("PTIO") allow me to do?**

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

**2. Who is responsible for complying with this permit?**

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

**3. What records must I keep under this permit?**

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

**4. What are my permit fees and when do I pay them?**

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement.Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

**5. When does my PTIO expire, and when do I need to submit my renewal application?**

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is takenby Ohio EPA on the renewal application.

**6. What happens to this permit if my project is delayed or I do not install or modify my source?**

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

**7. What reports must I submit under this permit?**

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

**8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?**

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

**9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?**

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

**10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?**

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Southwest Ohio Air Quality Agency in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

**11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?**

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

**12. What happens if one or more emissions units operated under this permit is/are shut down permanently?**

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting[1] a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

[1]Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

**13. Can I transfer this permit to a new owner or operator?**

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

**14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?**

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

**15. What happens if a portion of this permit is determined to be invalid?**

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.

# B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

   a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

      (1) None.

   b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

      (1) OAC rule 3745-31-05(D) shall apply to the following emissions units: B001 (Boiler #1), B002 (Boiler #2), B003 (Boiler #3), B004 (Boiler #4), B005 (Boiler #5), B006 (Boiler Number 6 - 12.56 MMBtu/hr gas fired boiler), B007 (Boiler #7), P001 (Cook Line 1 – Fry/Fry), P002 (Cook Line 2 - Sear/Steam Oven), P003 (Cook Line 3 - Sear/Steam Oven), P004 (Cook Line 4 - Sear/Steam Impinge), P005 (Cook Line 5 - Fry Line), P006 (Cook Line 6 - Sear/Impinge), P007 (Cook Line 7 - Sear/Impinge), P008 (Cook Line 8 - Sear/Impinge), P009 (Cook Line 9 - Sear/Impinge), and P010 (Cook Line 10 - Sear/Impinge) ), along with any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units at the facility as this permit is a Synthetic Minor to avoid Title V permitting.

      (2) The actual particulate matter (PM) (filterable and condensable) and particulate matter with a diameter 10 microns and less (PM10) (filterable and condensable) stack emissions from emissions units B001, B002, B003, B004, B005, B006, B007, P001, P002, P003, P004, P005, P006, P007, P008, P009, P010, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 85.2 tons per year (TPY) for PM, as a rolling, 12-month summation.

      The permittee has existing records to demonstrate compliance with this emissions limitation upon permit issuance.

      (3) The actual stack emissions of volatile organic compounds (VOC) from emissions units B001, B002, B003, B004, B005, B006, B007, P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 96.3 tons per year (TPY) for VOC, as a rolling, 12-month summation.

      The permittee has existing records to demonstrate compliance with this emissions limitation upon permit issuance.

      (4) The maximum annual production rate for all cooked products in emissions units P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010, combined, shall not exceed 96,500 tons per year, based on a rolling, 12-month summation of the production

rates. This total production rate for all cooked products includes a maximum production rate for Angus beef production of 35,700 tons per year, a maximum production rate for All Beef production of 19,000 tons per year, and a maximum production rate for Fried production of 7,800 tons per year. The permittee has the option of substituting All Beef production, at an exchange of 1.5 tons of All Beef production to 1 ton of Angus beef production, or substituting Fried production, at an exchange of 1.3 tons of Fried production to 1 ton of Angus beef production, for the Angus beef production total limitation of 35,700 tons per rolling, 12-month period. The permittee has the option of substituting Fried production, at an exchange of 0.5 ton of Fried production to 1 ton of All Beef production, for the All Beef production. The production rates for individual products mentioned above shall be based on a rolling, 12-month summation of the individual product production rates.

The permittee has existing records to demonstrate compliance with this limitation upon permit issuance.

(5) The permittee shall collect and record the following information each month for emissions units P001 through P010, combined:

a. The identification of each cooked product produced;

b. The number of tons of each cooked product produced;

c. The total number of tons of all cooked products produced;

d. The number of additional pounds or tons of All Beef production or Fried production, produced beyond their individual production limitations, to be substituted for Angus beef production;

e. The number of additional pounds or tons of Fried production, produced beyond the specified Fried production limitation, to be substituted for All Beef production;

f. The amount of the Angus beef production limitation that has been used, by any combination of Angus beef, All Beef, or Fried production;

g. The amount of the All Beef production limitation that has been used, by any combination of All Beef or Fried production;

h. The PM emission factor, in pounds of PM emissions per ton of cooked product, of each cooked product produced;

i. The VOC emission factor, in pounds of VOC emissions per ton of cooked product, of each cooked product produced;

j. The updated rolling, 12-month summation of the total cooked products production, in tons. (This shall include the information for the current month and the preceding eleven months);

k. The updated rolling, 12-month summation of each individual cooked product production, in tons. (This shall include the information for the current month and the preceding eleven months);

l. The updated rolling, 12-month summation of the additional All Beef production or Fried production, produced beyond their individual production limitations, to be substituted for Angus beef production, in tons. (This shall include the information for the current month and the preceding eleven months);

m. The updated rolling, 12-month summation of the amount of the Angus beef production limitation that has been used, in tons. (This shall include the information for the current month and the preceding eleven months);

n. The updated rolling, 12-month summation of the additional Fried production, produced beyond the specified Fried production limitation, to be substituted for All Beef production, in tons. (This shall include the information for the current month and the preceding eleven months); and,

o. The updated rolling, 12-month summation of the amount of the All Beef production limitation that has been used, in tons. (This shall include the information for the current month and the preceding eleven months).

(6) The permittee shall collect and record the following information each month for emissions units B001, B002, B003, B004, B005, B006, B007, P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined:

a. The total stack PM emissions (filterable and condensable), in tons;

b. The total stack VOC emissions, in tons;

c. The updated rolling, 12-month summation of stack PM emissions (filterable and condensable), in tons; and

d. The updated rolling, 12-month summation of stack VOC emissions, in tons.

(7) The permittee shall submit quarterly deviation (excursion) reports that identify:

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the potential to emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:

all exceedances of the rolling, 12-month emission limitation for stack PM emissions;

all exceedances of the rolling, 12-month emission limitation for stack VOC emissions;

all exceedances of the rolling, 12-month restriction on the total cooked products production; and,

all exceedances of the rolling, 12-month restriction on each individual cooked product production.

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

(8) Compliance with the emission limitations in b)(2) and b)(3) of these terms and conditions shall be demonstrated by the following methods:

a. Emission Limitation:

The combined annual stack PM emissions (filterable and condensable) and PM10 emissions from emissions units B001, B002, B003, B004, B005, B006, B007, P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 85.2 tons per year (TPY), based on a rolling, 12-month summation.

Applicable compliance method:

Compliance with the rolling, 12-month PM and PM10 stack emissions limitation in b)(2) shall be determined by the record keeping in b)(5) and b)(6).

Actual stack PM emissions for emissions units P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

PM = Sum of [(tons of individual cooked product) x (EF) X (1 - CE) / (2000 lbs/ton)] for each cooked product and for each emissions unit, where:

EF = the stack emissions factor for PM emissions (filterable and condensable) for the corresponding cooked product; EF for Angus product = 4.99 lbs of PM/ton of cooked product, EF for All Beef product = 3.32 lbs of PM/ton of cooked product, EF for Pork product = 1.95 lbs of PM/ton of cooked product, EF for Chicken

product = 0.53 lb of PM/ton of cooked product, and EF for Fried product = 0.12 lb of PM/ton of cooked product.

CE = the control efficiency of the control equipment for PM for the corresponding control equipment; CE for rotoclones for emissions units P001 - P006 = 30%, and CE for wet scrubbers for emissions units P007 - P010 = 80%.

Stack PM emissions for emissions units B001, B002, B003, B004, B005, B006, B007, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units shall be determined based on applying the appropriate AP-42 emissions factor for the process.

b. Emission Limitation:

The combined annual VOC stack emissions from emissions units B001, B002, B003, B004, B005, B006, B007, P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 96.3 tons per year (TPY), based on a rolling, 12-month summation.

Applicable compliance method:

Compliance with the rolling, 12-month VOC stack emissions limitation in b)(3) shall be determined by the record keeping in b)(5) and b)(6).

Actual VOC emissions for emissions units P001, P002, P003, P004, P005, P006, P007, P008, P009, and P010 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

VOC emissions = Sum of [(tons of individual cooked product) x (EF) X (1 - CE) / (2000 lbs/ton)] for each cooked product and for each emissions unit, where:

EF = the emission factor for stack VOC emissions for the corresponding cooked product; EF for Angus product = 3.88 lbs of VOC/ton of cooked product, EF for All Beef product = 1.45 lbs of VOC/ton of cooked product, EF for Pork product = 0.95 lb of VOC/ton of cooked product, EF for Chicken product = 0.26 lb of VOC/ton of cooked product, and EF for Fried product = 2.87 lbs of VOC/ton of cooked product.

CE = the control efficiency of the control equipment for PM for the corresponding control equipment; CE for rotoclones for emissions units P001 - P006 = 20%, and CE for wet scrubbers for emissions units P007 - P010 = 20%.

Stack VOC emissions for emissions units B001, B002, B003, B004, B005, B006, B007, any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule

3745-31-03, or future constructed emissions units shall be determined based on applying the appropriate AP-42 emissions factor for the process.

(9) Compliance with the rolling, 12-month production rate limitations in b)(4) shall be determined by the record keeping in b)(5).

# C. Emissions Unit Terms and Conditions

**1. P006, Line 6 - Sear/Impinge**

**Operations, Property and/or Equipment Description:**

Line 6 - Sear / Impinge

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)d.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| a. | ORC 3704.03(T) | Stack particulate matter (PM) emissions (filterable and condensable) shall not exceed 7.08 pounds per hour and 25.8 tons of emission per rolling, 12-month period.<br><br>Stack particulate matter emissions 10 microns and less in diameter (PM10) (filterable and condensable) shall not exceed 4.96 pounds per hour and 18.1 tons of emission per rolling, 12-month period.<br><br>Stack volatile organic compound (VOC) emissions shall not exceed 3.53 pounds per hour and 12.9 tons of emission per rolling, 12-month period. |

| | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| b. | OAC rule 3745-31-05(A)(3), as effective 11/30/2001 | Nitrogen oxides (NOx) emissions shall not exceed 0.88 pound per hour and 3.86 TPY.<br><br>Carbon monoxide (CO) emissions shall not exceed 0.74 pound per hour and 3.25 TPY.<br><br>See b)(2)a.<br><br>The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D). |
| c. | OAC rule 3745-31-05(A)(3)(b), as effective 12/1/2006 | See b)(2)b. |
| d. | OAC rule 3745-31-05(D) Synthetic Minor to Avoid Both Non-Attainment Review and Title V Applicability | See b) of Section B.1. |
| e. | OAC rule 3745-17-07(A) | Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as provided by rule. The presence of water vapor in the plume does not constitute visible emissions. |
| f. | OAC rule 3745-17-11(B) | The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to ORC 3704.03(T). |
| g. | OAC rule 3745-17-07(B) | Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average, except as provided by rule. |

(2) Additional Terms and Conditions

a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to the Ohio Revised Code (ORC) changes effective August 3, 2006 (Senate Bill 265 changes), such that BAT is no longer required by State regulations for National Ambient Air Quality Standards (NAAQS) pollutant(s) less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy

BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05, then these emission limitations no longer apply.

b. This rule paragraph applies once U.S. EPA approves the December 1, 2006 version of OAC rule 3745-31-05 as part of the State Implementation Plan.

The best available technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to nitrogen oxides (NOx) or carbon monoxide (CO) emissions from this air contaminant source since the uncontrolled potential to emit for NOx and CO is less than 10.0 TPY.

c. Compliance with ORC 3704.03(T) and OAC rule 3745-31-05(A)(3), as effective 11/30/2001, shall be demonstrated by the mass emission limitations.

d. The hourly emission limitations for stack PM, stack PM10, and stack VOC are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limitations.

e. The hourly and annual emission limitations for NOx and CO are based upon the emissions unit's potential to emit. Therefore, no hourly or annual records are required to demonstrate compliance with these limitations.

c) Operational Restrictions

(1) The permittee shall produce no Angus beef product in this emissions unit.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack and for any visible emissions of fugitive particulate emissions from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

a. the location and color of the emissions;

b. whether the emissions are representative of normal operations;

c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

d. the total duration of any visible emission incident; and

e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended.

The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

(2) The permittee shall collect and record the following information each month for emissions unit P006:

a. The identification of each cooked product produced;

b. The number of tons of each cooked product produced;

c. The PM emission (filterable and condensable) factor, in pounds of PM emissions per ton of cooked product, of each cooked product produced;

d. The VOC emission factor, in pounds of VOC emissions per ton of cooked product, of each cooked product produced;

e. The total stack PM emissions (filterable and condensable) for all cooked products produced, in pounds or tons;

f. The total stack PM10 emissions (filterable and condensable) for all cooked products produced, in pounds or tons;

g. The total stack VOC emissions for all cooked products produced, in pounds or tons;

h. The updated rolling, 12-month summation of stack PM emissions (filterable and condensable), in tons. (This shall include the information for the current month and the preceding eleven months);

i. The updated rolling, 12-month summation of stack PM10 emissions (filterable and condensable), in tons. (This shall include the information for the current month and the preceding eleven months); and

j. The updated rolling, 12-month summation of stack VOC emissions, in tons. (This shall include the information for the current month and the preceding eleven months).

e) Reporting Requirements

(1) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in d)(1) above:

a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit;

b. all days during which any visible emissions of fugitive particulate emissions were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit; and

c. any corrective actions taken to minimize or eliminate the visible particulate emissions from the stack and/or visible emissions of fugitive particulate emissions.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be completed electronically and submitted via the Ohio EPA eBusiness Center: Air Services by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

(3) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitation:

Stack particulate matter (PM) emissions (filterable and condensable) shall not exceed 7.08 pounds per hour and 25.8 tons of emission per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month stack PM emission (filterable and condensable) limitation in b)(1)a. shall be determined by the record keeping in d)(2).

The hourly and annual stack PM emission limitations are based upon the emissions unit's potential to emit. Potential stack PM emissions (filterable and condensable) were determined based on the following equations from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

PM = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (3.32 lbs of PM/ton of cooked product) x (1 – 30% control efficiency for PM) = 7.08 pounds per hour.

PM = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (3.32 lbs of PM/ton of cooked product) x (7300 hours per year maximum) x (1 – 30% control efficiency for PM) / (2000 lbs/ton) = 25.8 tons per year.

If required, compliance with the hourly emission limitation shall be determined through emission testing performed in accordance with U.S. EPA Methods 1-5. Front half and back half emissions should be analyzed for purposes of compliance determination due to high condensable particulate emissions. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

b. Emission Limitation:

Stack particulate matter emissions 10 microns and less in diameter (PM10) (filterable and condensable) shall not exceed 4.96 pounds per hour and 18.1 tons of emission per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month stack PM10 emission (filterable and condensable) limitation in b)(1)a. shall be determined by the record keeping in d)(2).

The hourly and annual stack PM10 emission limitations are based upon the emissions unit's potential to emit. Potential stack PM10 emissions (filterable and condensable) were determined based on the following equations from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

PM10 = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (3.32 lbs of PM/ton of cooked product) x (1 – 30% control efficiency for PM) x (70% of PM emissions are PM10) = 4.96 pounds per hour.

PM10 = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (3.32 lbs of PM/ton of cooked product) x (7300 hours per year maximum) x (1 – 30% control efficiency for PM) / (2000 lbs/ton) x (70% of PM emissions are PM10) = 18.1 tons per year.

If required, compliance with the hourly emission limitation shall be determined through emission testing performed in accordance with U.S. EPA Methods 1-5. Front half and back half emissions should be analyzed for purposes of compliance determination due to high condensable particulate emissions. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

c. Emission Limitation:

Stack volatile organic compound (VOC) emissions shall not exceed 3.53 pounds per hour and 12.9 tons of emission per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month stack VOC emission limitation in b)(1)a. shall be determined by the record keeping in d)(2).

The hourly and annual stack VOC emission limitations are based upon the emissions unit's potential to emit. Potential stack VOC emissions were determined based on the following equations from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

VOC = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (1.45 lbs of VOC/ton of cooked product) x (1 – 20% control efficiency for VOC) = 3.53 pounds per hour.

VOC = (6093 lbs of cooked product/hr maximum) / (2000 lbs/ton) x (1.45 lbs of VOC/ton of cooked product) x (7300 hours per year maximum) x (1 – 20% control efficiency for PM) / (2000 lbs/ton) = 12.9 tons per year.

If required, compliance with the hourly emission limitation shall be determined through emission testing performed in accordance with U.S. EPA Methods 1-4 and 25. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

d. Emission Limitation:

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average, except as provided by rule.

Applicable Compliance Method:

Compliance shall be determined in accordance with U.S. EPA Method 9, with the following modifications:

i. the data reduction and average opacity calculation shall be based upon sets of twelve consecutive visible emission observations recorded at 15-second intervals;

ii. opacity observations shall be made from a position that provides the observer a clear view of the emissions unit and the fugitive dust, with the sun behind the observer;

iii. where possible, visible opacity observations shall be conducted at a position of at least fifteen feet from the source of emissions; and

iv. the visible opacity observations shall be made for the point of highest opacity within the fugitive dust emitted from the source.

e. Emission Limitation:

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as provided by rule. The presence of water vapor in the plume does not constitute visible emissions.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

f. Emission Limitation:

Nitrogen oxides (NOx) emissions shall not exceed 0.88 pound per hour and 3.86 TPY.

Applicable Compliance Method:

The hourly and annual NOx emission limitations are based upon the emissions unit's potential to emit. Potential NOx emissions were determined based on the following equations from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

NOx = (8824 CF natural gas/hr) x (100 lbsNOx / 1,000,000 CF natural gas AP-42, Table 1.4-1) = 0.88 lb/hr.

NOx = (8824 CF natural gas/hr) x (100 lbsNOx / 1,000,000 CF natural gas AP-42, Table 1.4-1) x (8,760 hours per year) / (2000 lbs/ton) = 3.86 TPY.

g. Emission Limitation:

Carbon monoxide (CO) emissions shall not exceed 0.74 pound per hour and 3.25 TPY.

Applicable Compliance Method:

The hourly and annual CO emission limitations are based upon the emissions unit's potential to emit. Potential CO emissions were determined based on the following equations from the permittee-supplied information in FEPTIO application P0110020 as submitted on May 4, 2012:

CO = (8824 CF natural gas/hr) x (84 lbs CO / 1,000,000 CF natural gas AP-42, Table 1.4-1) = 0.74 lb/hr.

CO = (8824 CF natural gas/hr) x (84 lbs CO / 1,000,000 CF natural gas AP-42, Table 1.4-1) x (8,760 hours per year) / (2000 lbs/ton) = 3.25 TPY.

g) Miscellaneous Requirements

(1) None.