



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

5/25/2016

Certified Mail

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

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL
 Facility ID: 1409000687
 Permit Number: P0118973
 Permit Type: OAC Chapter 3745-31 Modification
 County: Butler

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
No	MAJOR GHG
Yes	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the permit. A public notice will appear in the Ohio Environmental Protection Agency (EPA) Weekly Review and the local newspaper, Journal News. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
 Permit Review/Development Section
 Ohio EPA, DAPC
 50 West Town Street, Suite 700
 P.O. Box 1049
 Columbus, Ohio 43216-1049

and Southwest Ohio Air Quality Agency
 250 William Howard Taft Rd.
 Cincinnati, OH 45219

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Southwest Ohio Air Quality Agency at (513)946-7777.

Sincerely,

Michael E. Hopkins, P.E.
 Assistant Chief, Permitting Section, DAPC

Cc: U.S. EPA Region 5 -Via E-Mail Notification
 SWOQA; Indiana; Kentucky

Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

2. Source Description: Chapter 31 Modification to increase the PTE of ten (10) meat cooking lines due to physical changes at an FEPTIO meat processing facility making the facility a Title V source of PE/PM10 and VOC while also including Synthetic Minor requirements to avoid Major NAA-NSR for VOC and PSD for PE/PM10.

3. Facility Emissions and Attainment Status: Emissions from cook & fry lines at AdvancePierre Foods include VOC, PE, PM10, NOx, and CO. Butler County in Southwest Ohio is nonattainment for the 8hr ozone and PM2.5 standards and attainment for PM10, CO, NOx, and SO2.

4. Source Emissions: VOC emissions, controlled, absent Synthetic Minor requirement to avoid Major Source NAA-NSR, facility-wide, are 259.22 TPY, including combustion sources B001 – B012 not included in this Permit. VOC emissions, controlled, considering Synthetic Minor requirements to avoid Major Source NAA-NSR, facility-wide, are 195.30 TPY, including combustion sources B001 – B012 not included in this Permit. Uncontrolled, unrestricted VOC PTE, facility-wide, would be 323.34 TPY, including the combustion sources. PE/PM10 emissions, controlled & including Synthetic Minor requirement to avoid Major Source PSD, facility-wide, are 139.56 TPY. PE/PM10 emissions, uncontrolled and absent Synthetic Minor requirement to avoid Major Source PSD, facility-wide, would be 405.57 TPY. This Chapter 31 Modification will include Synthetic Minor requirements restricting the VOC and PE/PM10 emissions. NOx and CO emissions constitute natural Minor emissions and are de minimis for P001 – P005 and are regulated through BAT only for P006 – P010.

5. Conclusion: The Synthetic Minor requirements enforced through emissions limitations with the appropriate MRR will allow the facility to avoid Major NSR-NAA and PSD. The facility will be considered a Title V Major Source of VOC, PE, and PM10 following this Chapter 31 Modification.

6. Please provide additional notes or comments as necessary:

None

7. Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	195.30
PE	139.56
PM10	139.56
NOx	16.10
CO	13.55

PUBLIC NOTICE

The following matters are the subject of this public notice by the Ohio Environmental Protection Agency. The complete public notice, including any additional instructions for submitting comments, requesting information, a public hearing, or filing an appeal may be obtained at: <http://epa.ohio.gov/actions.aspx> or Hearing Clerk, Ohio EPA, 50 W. Town St., Columbus, Ohio 43215. Ph: 614-644-2129 email: HClerk@epa.ohio.gov

Draft Air Pollution Permit-to-Install OAC Chapter 3745-31 Modification

AdvancePierre Foods

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

ID#:P0118973

Date of Action: 5/25/2016

Permit Desc:Chapter 31 Modification to increase the PTE of 10 meat cooking lines due to physical changes at an FEPTIO meat processing facility making the facility a Title V source of PE/PM10 and VOC while also including Synthetic Minor requirements to avoid Major NAA-NSR for VOC and PSD for PE/PM10..

The permit and complete instructions for requesting information or submitting comments may be obtained at: <http://epa.ohio.gov/dapc/permitsonline.aspx> by entering the ID # or: Paul Tedtman, Southwest Ohio Air Quality Agency, 250 William Howard Taft Rd., Cincinnati, OH 45219. Ph: (513)946-7777



DRAFT

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

Facility ID:	1409000687
Permit Number:	P0118973
Permit Type:	OAC Chapter 3745-31 Modification
Issued:	5/25/2016
Effective:	To be entered upon final issuance



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

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Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 1409000687
Facility Description: Meat cooking plant
Application Number(s): A0052556
Permit Number: P0118973
Permit Description: Chapter 31 Modification to increase the PTE of 10 meat cooking lines due to physical changes at an FEPTIO meat processing facility making the facility a Title V source of PE/PM10 and VOC while also including Synthetic Minor requirements to avoid Major NAA-NSR for VOC and PSD for PE/PM10.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$6,500.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 5/25/2016
Effective Date: To be entered upon final issuance

This document constitutes issuance to:

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

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

Ohio Environmental Protection Agency (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 a Permit-to-Install for the 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 emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director



Authorization (continued)

Permit Number: P0118973

Permit Description: Chapter 31 Modification to increase the PTE of 10 meat cooking lines due to physical changes at an FEPTIO meat processing facility making the facility a Title V source of PE/PM10 and VOC while also including Synthetic Minor requirements to avoid Major NAA-NSR for VOC and PSD for PE/PM10.

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

- | | |
|-----------------------------------|-----------------------------|
| Emissions Unit ID: | P001 |
| Company Equipment ID: | Line 1 - Fry/Fry |
| Superseded Permit Number: | P0110240 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P002 |
| Company Equipment ID: | Line 2 - Sear/Steam Oven |
| Superseded Permit Number: | P0110547 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P003 |
| Company Equipment ID: | Line 3 - Sear/Steam Oven |
| Superseded Permit Number: | P0110547 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P004 |
| Company Equipment ID: | Line 4 - Sear/Steam Impinge |
| Superseded Permit Number: | P0110547 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P005 |
| Company Equipment ID: | Line 5 - Fry Line |
| Superseded Permit Number: | P0110547 |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P006 |
| Company Equipment ID: | Line 6 - Sear/Impinge |
| Superseded Permit Number: | P0110020 |
| General Permit Category and Type: | Not Applicable |

Group Name: Line #s 7 & 8

Emissions Unit ID:	P007
Company Equipment ID:	Line 7 - Sear/Impinge
Superseded Permit Number:	P0110178
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P008
Company Equipment ID:	Line 8 - Sear/Impinge
Superseded Permit Number:	P0110547
General Permit Category and Type:	Not Applicable



Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687

Effective Date: To be entered upon final issuance

Group Name: Line #s 9 & 10

Emissions Unit ID:	P009
Company Equipment ID:	Line 9 - Sear/Impinge
Superseded Permit Number:	P0110547
General Permit Category andType:	Not Applicable
Emissions Unit ID:	P010
Company Equipment ID:	Line 10 - Sear/Impinge
Superseded Permit Number:	P0110547
General Permit Category andType:	Not Applicable



Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687
Effective Date: To be entered upon final issuance

A. Standard Terms and Conditions

1. Federally Enforceable Standard Terms and Conditions

- a) All Standard Terms and Conditions are federally enforceable, with the exception of those listed below which are enforceable under State law only:
 - (1) Standard Term and Condition A.2.a), Severability Clause
 - (2) Standard Term and Condition A.3.c) through A. 3.e) General Requirements
 - (3) Standard Term and Condition A.6.c) and A. 6.d), Compliance Requirements
 - (4) Standard Term and Condition A.9., Reporting Requirements
 - (5) Standard Term and Condition A.10., Applicability
 - (6) Standard Term and Condition A.11.b) through A.11.e), Construction of New Source(s) and Authorization to Install
 - (7) Standard Term and Condition A.14., Public Disclosure
 - (8) Standard Term and Condition A.15., Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations
 - (9) Standard Term and Condition A.16., Fees
 - (10) Standard Term and Condition A.17., Permit Transfers

2. Severability Clause

- a) A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
- b) All terms and conditions designated in parts B and C of this permit are federally enforceable as a practical matter, if they are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA and the State and by citizens (to the extent allowed by section 304 of the Act) under the Act. Terms and conditions in parts B and C of this permit shall not be federally enforceable and shall be enforceable under State law only, only if specifically identified in this permit as such.

3. General Requirements

- a) Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and re-issuance, or modification.

- b) It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c) This permit may be modified, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d) This permit does not convey any property rights of any sort, or any exclusive privilege.
- e) The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

4. Monitoring and Related Record Keeping and Reporting Requirements

- a) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - (1) The date, place (as defined in the permit), and time of sampling or measurements.
 - (2) The date(s) analyses were performed.
 - (3) The company or entity that performed the analyses.
 - (4) The analytical techniques or methods used.
 - (5) The results of such analyses.
 - (6) The operating conditions existing at the time of sampling or measurement.
- b) Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
- c) Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - (1) Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the Southwest Ohio Air Quality Agency.

- (2) Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the Southwest Ohio Air Quality Agency. The written reports shall be submitted quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. See A.15. below if no deviations occurred during the quarter.
 - (3) Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the Southwest Ohio Air Quality Agency every six months, by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
 - (4) This permit is for an emissions unit located at a Title V facility. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.
- d) The permittee shall report actual emissions pursuant to OAC Chapter 3745-78 for the purpose of collecting Air Pollution Control Fees.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the Southwest Ohio Air Quality Agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to OAC rule 3745-15-06.

Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emission unit(s) that is (are) served by such control system(s).

6. Compliance Requirements

- a) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the appropriate Ohio EPA District Office or contracted

local air agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the electronic signature date shall constitute the date that the required application, notification or report is considered to be "submitted". Any document requiring signature may be represented by entry of the personal identification number (PIN) by responsible official as part of the electronic submission process or by the scanned attestation document signed by the Authorized Representative that is attached to the electronically submitted written report.

Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a Responsible Official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete

- b) Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
- (1) At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - (2) Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.
 - (3) Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - (4) As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c) The permittee shall submit progress reports to the Southwest Ohio Air Quality Agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
- (1) Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - (2) An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

7. Best Available Technology

As specified in OAC Rule 3745-31-05, new sources that must employ Best Available Technology (BAT) shall comply with the Applicable Emission Limitations/Control Measures identified as BAT for each subject emissions unit.

8. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

9. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a) Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the Southwest Ohio Air Quality Agency.
- b) Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from state-only required emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the Southwest Ohio Air Quality Agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

10. Applicability

This Permit-to-Install is applicable only to the emissions unit(s) identified in the Permit-to-Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s) not exempt from the requirement to obtain a Permit-to-Install.

11. Construction of New Sources(s) and Authorization to Install

- a) This permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. This permit does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the application and terms and conditions of this permit. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of this permit does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Issuance of this permit is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.
- b) If applicable, authorization to install any new emissions unit included in this permit shall terminate within eighteen months of the effective date of the permit if the owner or operator has not undertaken a continuing program of installation or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation. This deadline may be extended by up to 12 months if application is made to the

Director within a reasonable time before the termination date and the permittee shows good cause for any such extension.

- c) The permittee may notify Ohio EPA of any emissions unit that is permanently shut down (i.e., 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) by submitting a certification from the authorized official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the authorized official that the emissions unit was permanently shut down. At a minimum, notification of permanent shut down shall be made or confirmed by marking the affected emissions unit(s) as "permanently shut down" in "Air Services" along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update electronically will constitute notifying the Director of the permanent shutdown of the affected emissions unit(s).
- d) The provisions of this permit shall cease to be enforceable for each affected emissions unit after the date on which an emissions unit is permanently shut down (i.e., 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). All records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law. All reports required by this permit must be submitted for any period an affected emissions unit operated prior to permanent shut down. At a minimum, the permit requirements must be evaluated as part of the reporting requirements identified in this permit covering the last period the emissions unit operated.

Unless otherwise exempted, no emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31 and OAC Chapter 3745-77 if the restarted operation is subject to one or more applicable requirements.

- e) The permittee shall comply with any residual requirements related to this permit, such as the requirement to submit a deviation report, air fee emission report, or other any reporting required by this permit for the period the operating provisions of this permit were enforceable, or as required by regulation or law. All reports shall be submitted in a form and manner prescribed by the Director. All records relating to this permit must be maintained in accordance with law.

12. Permit-To-Operate Application

The permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77. The permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if operation of the proposed new or modified source(s) as authorized by this permit would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d) must be obtained before operating the source in a manner that would violate the existing Title V permit requirements.

13. Construction Compliance Certification

The applicant shall identify the following dates in the "Air Services" facility profile for each new emissions unit identified in this permit.

- a) Completion of initial installation date shall be entered upon completion of construction and prior to start-up.
- b) Commence operation after installation or latest modification date shall be entered within 90 days after commencing operation of the applicable emissions unit.

14. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

15. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

16. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable permit-to-install fees within 30 days after the issuance of any permit-to-install. The permittee shall pay all applicable permit-to-operate fees within thirty days of the issuance of the invoice.

17. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The new owner must update and submit the ownership information via the "Owner/Contact Change" functionality in "Air Services" once the transfer is legally completed. The change must be submitted through "Air Services" within thirty days of the ownership transfer date.

18. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

19. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.



Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687
Effective Date: To be entered upon final issuance

B. Facility-Wide Terms and Conditions



1. All the following facility-wide terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

a) None.

2. Abbreviations used in this permit:

PE particulate emissions

PM10 emissions of particulate matter 10 microns and less in diameter

VOC volatile organic compounds

NOx nitrogen oxides

SO2 sulfur dioxide

CO carbon monoxide

U.S. EPA United States Environmental Protection Agency

NSR New Source Review

NAA Non-Attainment Area

PSD Prevention of Significant Deterioration

Ohio EPA Ohio Environmental Protection Agency

BAT Best Available Technology

OAC Ohio Administrative Code

SIP State Implementation Plan

TPY Tons Per Year

MMscf Millions of cubic feet, natural gas

MMBtu Millions of British thermal units

3. 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), B009 (15 mmBtu/hr Hot Water Heater 1), B010 (15 mmBtu/hr Hot Water Heater 2), B011 (15 mmBtu/hr Hot Water Heater 3), B012 (6.0 mmBtu/hr natural gas-fired Fulton Heater), 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 Major NSR.

4. The actual particulate emissions (PE) (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, B009, B010, B011, B012, 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 139.56 TPY for PE/PM10, as a rolling, 12-month summation.

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

5. The amount of cooked products production and the PE/PM10 emissions are restricted by the following equation:

[All Beef Production, tons, per rolling, 12-month period x All Beef Controlled Emission Factor (lbs/ton) + Angus Production, tons, per rolling, 12-month period x Angus Controlled Emission Factor (lb/ton) + Beef w/Soy Production, tons, per rolling, 12-month period x Beef w/Soy Controlled Emission Factor (lbs/ton) + Pork Production, tons, per rolling, 12-month period x Pork Controlled Emission Factor + Chicken Production, tons, per rolling, 12-month period x Chicken Controlled Emission Factor (lbs/ton) + Fried Production, tons, per rolling, 12-month period x Fried Emission Factor (lb/ton) + emissions from B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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 as calculated] / 2,000 lbs/ton \leq 139.56 TPY of PE/PM10, based upon a rolling, 12-month summation of the monthly emissions.

where:

Controlled Emission Factor(s) = the Controlled stack Emissions Factor for PE/PM10 emissions (filterable and condensable) for the corresponding cooked product; for Angus product, P007 – P010 = 1.00 lbs of PE/PM10/ton of cooked product, for All Beef product, P002, P003, P004, & P006 = 2.32 lbs of PE/PM10/ton of cooked product, for All Beef Product, P007 – P010 = 0.66 lbs of PE/PM10/ton of cooked product, for Pork product, P002, P003, P004, & P006 = 1.37 lbs of PE/PM10/ton of cooked product, for Pork product, P007 – P010 = 0.39 lbs of PE/PM10/ton of cooked product, for Chicken product, P002, P003, P004, & P006 = 0.37 lb of PE/PM10/ton of cooked product, for Chicken product, P007 – P010 = 0.11 lb of PE/PM10/ton of cooked product, for Beef w/Soy product, P002, P003, P004, & P006 = 0.42 lb of PE/PM10/ton of cooked product, for Beef w/Soy product, P007 – P010 = 0.12 lb of PE/PM10/ton of cooked product, for Fried product, P001 & P005 = 0.08 lb of PE/PM10/ton of cooked product.

Pounds per ton Emission Factors may be revised based upon Ohio EPA validated emissions testing and shall be revised if emissions testing results demonstrate higher emissions.

6. The actual stack emissions of volatile organic compounds (VOC) from emissions units B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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 195.30 TPY for VOC, as a rolling, 12-month summation.

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

7. The amount of cooked products production and the VOC emissions are restricted by the following equation:

[All Beef Production, tons, per rolling, 12-month period x All Beef Controlled Emission Factor (lbs/ton) + Angus Production, tons, per rolling, 12-month period x Angus Controlled Emission Factor (lb/ton) + Beef w/Soy Production, tons, per rolling, 12-month period x Beef w/Soy Controlled Emission Factor (lbs/ton) + Pork Production, tons, per rolling, 12-month period x Pork Controlled Emission Factor + Chicken Production, tons, per rolling, 12-month period x Chicken Controlled Emission Factor (lbs/ton) + Fried Production, tons, per rolling, 12-month period x Fried Emission Factor (lb/ton) + emissions from B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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 as calculated] / 2,000 lbs/ton ≤ 195.30 TPY of VOC, based upon a rolling, 12-month summation of the monthly emissions.

where:

Controlled Emission Factor(s) = the Controlled stack Emissions Factor for VOC emissions (filterable and condensable) for the corresponding cooked product; for Angus product, P007 – P010 = 3.10 lbs of VOC/ton of cooked product, for All Beef product, P002, P003, P004, P006, P007, P008, P009, & P010 = 1.16 lbs of VOC/ton of cooked product, for Pork product, P002, P003, P004, P006, P007, P008, P009, & P010 = 0.76 lbs of VOC/ton of cooked product, for Chicken product, P002, P003, P004, P006, P007, P008, P009, & P010 = 0.21 lb of VOC/ton of cooked product, for Beef w/Soy product, P002, P003, P004, P006, P007, P008, P009, & P010 = 0.43 lb of VOC/ton of cooked product, for Fried product, P001 & P005 = 2.30 lb of VOC/ton of cooked product.

Pounds per ton Emission Factors may be revised based upon Ohio EPA validated emissions testing and shall be revised if emissions testing results demonstrate higher emissions.

8. The permittee shall collect and record the following information each month for emissions units B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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 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 PE/PM10 emission factor, in pounds of PE/PM10 emissions per ton of cooked product, of each cooked product produced
 - e) The PE/PM10 emission factor(s), in the appropriate unit(s), for each fuel-burning source;

- f) The VOC emission factor, in pounds of VOC emissions per ton of cooked product, of each cooked product produced;
 - g) The VOC emission factor(s), in the appropriate unit(s), for each fuel-burning source;
 - h) The total stack PE/PM10 emission rate for all cooked products produced, in pounds or tons;
 - i) The total stack PE/PM10 emission rate for all fuel-burning sources, in pounds or tons;
 - j) The total stack VOC emission rate for all cooked products produced, in pounds or tons;
 - k) The total stack VOC emission rate for all fuel-burning sources, in pounds or tons;
 - l) The updated rolling, 12-month summation of stack PE/PM10 emissions, in tons. (This shall include the information for the current month and the preceding eleven months); and
 - m) 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).
9. The permittee shall submit quarterly deviation (excursion) reports that identify:
- a) all exceedances of the rolling, 12-month emission limitation for stack PE/PM10 emissions;
 - b) all exceedances of the rolling, 12-month emission limitation for stack VOC emissions;
 - c) each period of time (start time and date, and end time and date) when the pressure drop across the rotoclone(s) was outside of the acceptable range;
 - d) any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the rotoclone(s);
 - e) each incident of deviation described in c) or d), above, where a prompt investigation was not conducted;
 - f) each incident of deviation described in c) or d), above, where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range, was determined to be necessary and was not taken;
 - g) each incident of deviation described in c) or d), above, where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit;
 - h) each period of time (start time and date, and end time and date) when the pressure drop across the wet scrubber(s), the liquid flow rate, or the liquid pH was/were outside of the appropriate range or exceeded the applicable limit contained in this permit;
 - i) any period of time (start time and date, and end time and date) when the emissions unit(s) was/were in operation and the process emissions were not vented to the wet scrubber(s);
 - j) each incident of deviation described in h) or i), above, where a prompt investigation was not conducted;



- k) each incident of deviation described in h) or i), above, where prompt corrective action, that would bring the pressure drop, liquid flow rate, and/or scrubber liquid pH into compliance with the acceptable range, was determined to be necessary and was not taken; and
- l) each incident of deviation described in h) or i), above, where proper records were not maintained for the investigation and/or the corrective action(s), as identified in the monitoring and record keeping requirements of this permit.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

10. 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.

11. Compliance with the emission limitations in 4., 5., and 6. of these terms and conditions shall be demonstrated by the following methods:

a) Emission Limitation:

The actual particulate emissions (PE) (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, B009, B010, B011, B012, 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 139.56 tons per year (TPY) for PE/PM10, as a rolling, 12-month summation.

Applicable compliance method:

Compliance with the rolling, 12-month PE/PM10 stack emissions limitation in 4. shall be determined by the record keeping in 8.

Actual stack PE/PM10 emissions for each of the 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 PTI Application A0052556 for PTI P0118973:

$$PE/PM10 \text{ (tons/month)} = [All \text{ Beef Production (tons/month)} \times All \text{ Beef Controlled Emission Factor (lbs/ton)} + Angus \text{ Production (tons/month)} \times Angus \text{ Controlled Emission Factor (lb/ton)} + Beef \text{ w/Soy Production (tons/month)} \times Beef \text{ w/Soy Controlled Emission Factor (lbs/ton)} + Pork \text{ Production (tons/month)} \times Pork \text{ Controlled Emission Factor} + Chicken \text{ Production (tons/month)} \times Chicken \text{ Controlled Emission Factor (lbs/ton)} + Fried \text{ Production (tons/month)} \times Fried \text{ Emission Factor (lb/ton)}] / 2,000 \text{ lbs/ton}$$

where:

Emission Factor(s) = the stack Emissions Factor for PE/PM10 emissions (filterable and condensable) for the corresponding cooked product; for Angus product, P007 – P010 = 1.00 lbs of PE/PM10/ton of cooked product, for All Meat Beef product, P001 – P006 = 2.32 lbs of PE/PM10/ton of cooked product, for All Meat Beef Product, P007 – P010 = 0.66 lbs of PE/PM10/ton of cooked product, for Pork product, P001 – P006 = 1.37 lbs of PE/PM10/ton of



cooked product, for Pork product, P007 – P010 = 0.39 lbs of PE/PM10/ton of cooked product, for Chicken product, P001 – P006 = 0.37 lb of PE/PM10/ton of cooked product, for Chicken product, P007 – P010 = 0.11 lb of PE/PM10/ton of cooked product, for Beef with Soy product, P001 – P006 = 0.42 lb of PE/PM10/ton of cooked product, for Beef with Soy product, P007 – P010 = 0.12 lb or PE/PM10/ton of cooked product, for Fried product, P001 – P006 = 0.08 lb of PE/PM10/ton of cooked product.

The Control Efficiency of the control equipment for PE/PM10 for the corresponding control equipment; for rotoclones, emissions units P001 - P006 = 30%; for wet scrubbers, emissions units P007 - P010 = 80%.

Stack PE/PM10 emissions for emissions units B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012 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.

If required, verification of the wet scrubbers control efficiency for PE/PM10 or controlled Emission Factors may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

b) Emission Limitation:

The actual stack emissions of volatile organic compounds (VOC) from emissions units B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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 195.30 tons per year (TPY) for VOC, as a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC stack emissions limitation in 6. shall be determined by the record keeping in 8.

Actual stack VOC emissions for each of the 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 PTI Application A0052556 for PTI P0118973:

$$\text{VOC (tons/month)} = [\text{All Beef Production (tons/month)} \times \text{All Beef Controlled Emission Factor (lbs/ton)} + \text{Angus Production (tons/month)} \times \text{Angus Controlled Emission Factor (lb/ton)} + \text{Beef w/Soy Production (tons/month)} \times \text{Beef w/Soy Controlled Emission Factor (lbs/ton)} + \text{Pork Production (tons/month)} \times \text{Pork Controlled Emission Factor} + \text{Chicken Production (tons/month)} \times \text{Chicken Controlled Emission Factor (lbs/ton)} + \text{Fried Production (tons/month)} \times \text{Fried Emission Factor (lb/ton)}] / 2,000 \text{ lbs/ton}$$

where:



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Emission Factor(s) = the stack Emissions Factor for VOC emissions (filterable and condensable) for the corresponding cooked product; for Angus product, P007 – P010 = 3.10 lbs of VOC/ton of cooked product, for All Meat Beef product, P001 – P010 = 1.16 lbs of VOC/ton of cooked product, for Pork product, P001 – P010 = 0.76 lbs of VOC/ton of cooked product, for Chicken product, P001 – P010 = 0.21 lb of VOC/ton of cooked product, for Beef with Soy product, P001 – P010 = 0.43 lb of VOC/ton of cooked product, for Fried product, P001 – P006 = 2.30 lb of VOC/ton of cooked product.

The Control Efficiency of the control equipment for VOC for the corresponding control equipment; for rotoclones, emissions units P001 - P006 = 20%; for wet scrubbers, emissions units P007 - P010 = 20%.

Stack VOC emissions for emissions units B001, B002, B003, B004, B005, B006, B007, B009, B010, B011, B012, 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.

If required, verification of the wet scrubbers control efficiency for VOC or controlled Emission Factors may be demonstrated by emissions testing using Method 25 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.



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AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687
Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. P001, Line 1 - Fry/Fry

Operations, Property and/or Equipment Description:

Cook Line 1 - Fry/Fry

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.067 tons PE/PM10 per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE/PM10 emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.83 tons VOC per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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)	Stack filterable PE shall not exceed 7.83 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. This BAT emission limit applies until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.

c) Operational Restrictions

- (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitation:

0.067 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly PE/PM10 emissions limitation shall be demonstrated by calculating the rolling, 12-month annual PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$0.80 \text{ TPY PE/PM10}/12 = 0.067 \text{ Tons PE/PM10 per month, 12-month rolling avg}$

b. Emissions Limitation:

1.83 tons VOC per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC emissions limitation shall be demonstrated by calculating the rolling, 12-month annual VOC emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$22.00 \text{ TPY VOC}/12 = 1.83 \text{ Tons VOC per month, 12-month rolling avg}$

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.



If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 7.83 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Table I, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 0.32 lbs/hr PE < 10 lbs/hr PE; Allowable shall be based on Table I

PWR MAX = 5250 lbs/hr or 2.625 Tons/hr

for $0.05 < (P) < 30$, $(E) = 4.10 (P)^{0.67}$ $4.10 (2.625)^{0.67} = 7.83$ lbs/hr PE

g) Miscellaneous Requirements

(1) None.

2. P002, Line 2 - Sear/Steam Oven

Operations, Property and/or Equipment Description:

Line 2 - Sear / Steam Oven

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.60 tons VOC per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.21 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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)	Stack filterable PE shall not exceed 5.86 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

- (2) Additional Terms and Conditions
 - a. This BAT emission limit applies until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
 - b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
 - c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.
- c) Operational Restrictions
 - (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
 - (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

 - a. the date and time the deviation began;
 - b. the magnitude of the deviation at that time;
 - c. the date the investigation was conducted;
 - d. the name(s) of the personnel who conducted the investigation; and

- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitation:

0.60 tons VOC per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC emissions limitation shall be demonstrated by calculating the rolling, 12-month annual VOC emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$7.22 \text{ TPY VOC} / 12 = 0.60 \text{ Tons VOC per month, 12-month rolling avg}$

b. Emissions Limitation:

1.21 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly PE/PM10 emissions limitation shall be demonstrated by calculating the rolling, 12-month annual PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$14.46 \text{ TPY PE/PM10} / 12 = 1.21 \text{ Tons PE/PM10 per month, 12-month rolling avg}$

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.



If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 5.86 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Table I, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 5.66 lbs/hr PE < 10 lbs/hr PE; Allowable shall be based on Table I

PWR MAX = 3410 lbs/hr or 1.705 Tons/hr

for $0.05 < (P) < 30$, $(E) = 4.10 (P)^{0.67}$ $4.10 (1.705)^{0.67} = 5.86$ lbs/hr PE

g) Miscellaneous Requirements

(1) None.

3. P003, Line 3 - Sear/Steam Oven

Operations, Property and/or Equipment Description:

Line 3 - Sear / steam oven

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.56 tons VOC per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.11 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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)	Stack filterable PE shall not exceed 5.56 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. This BAT emission limit applies until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.

c) Operational Restrictions

- (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitation:

0.56 tons VOC per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC emissions limitation shall be demonstrated by calculating the rolling, 12-month annual VOC emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$6.67 \text{ TPY VOC} / 12 = 0.56 \text{ Tons VOC per month, 12-month rolling avg}$

b. Emissions Limitation:

1.11 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly PE/PM10 emissions limitation shall be demonstrated by calculating the rolling, 12-month annual PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$13.36 \text{ TPY PE/PM10} / 12 = 1.11 \text{ Tons PE/PM10 per month, 12-month rolling avg}$

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.



If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 5.56 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Table I, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 5.23 lbs/hr PE < 10 lbs/hr PE; Allowable shall be based on Table I

PWR MAX = 3150 lbs/hr or 1.575 Tons/hr

for $0.05 < (P) < 30$, $(E) = 4.10 (P)^{0.67}$ $4.10 (1.575)^{0.67} = 5.56$ lbs/hr PE

g) Miscellaneous Requirements

(1) None.

4. P004, Line 4 - Sear/Steam Impinge

Operations, Property and/or Equipment Description:

Line 4 - Sear / Impinge

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.75 tons VOC per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.50 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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)	Stack filterable PE shall not exceed 6.78 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. This BAT emission limit applies until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.

c) Operational Restrictions

- (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitation:

0.75 tons VOC per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC emissions limitation shall be demonstrated by calculating the rolling, 12-month annual VOC emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$8.98 \text{ TPY VOC} / 12 = 0.75 \text{ Tons VOC per month, 12-month rolling avg}$

b. Emissions Limitation:

1.50 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly PE/PM10 emissions limitation shall be demonstrated by calculating the rolling, 12-month annual PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$17.98 \text{ TPY PE/PM10} / 12 = 1.50 \text{ Tons PE/PM10 per month, 12-month rolling avg}$

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.



If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 6.78 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM₁₀ emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Table I, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 7.04 lbs/hr PE < 10 lbs/hr PE; Allowable shall be based on Table I

PWR MAX = 4240 lbs/hr or 2.12 Tons/hr

for $0.05 < (P) < 30$, $(E) = 4.10 (P)^{0.67}$ $4.10 (2.12)^{0.67} = 6.78$ lbs/hr PE

g) Miscellaneous Requirements

(1) None.

5. P005, Line 5 - Fry Line

Operations, Property and/or Equipment Description:

Line 5 - Fry

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.045 tons PE/PM10 per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PE/PM10 emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.23 tons VOC per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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)	Stack filterable PE shall not exceed 5.98 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. This BAT emission limit applies until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.

c) Operational Restrictions

- (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitation:

0.045 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly PE/PM10 emissions limitation shall be demonstrated by calculating the rolling, 12-month annual PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$0.54 \text{ TPY PE/PM10}/12 = 0.045 \text{ Tons PE/PM10 per month, 12-month rolling avg}$

b. Emissions Limitation:

1.23 tons VOC per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC emissions limitation shall be demonstrated by calculating the rolling, 12-month annual VOC emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitation was calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

$14.71 \text{ TPY VOC}/12 = 1.23 \text{ Tons VOC per month, 12-month rolling avg}$

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.



If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 5.98 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Table I, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 0.21 lbs/hr PE < 10 lbs/hr PE; Allowable shall be based on Table I

PWR MAX = 3510 lbs/hr or 1.755 Tons/hr

for $0.05 < (P) < 30$, $(E) = 4.10 (P)^{0.67}$ $4.10 (1.755)^{0.67} = 5.98$ lbs/hr PE

g) Miscellaneous Requirements

(1) None.

6. P006, Line 6 - Sear/Impinge

Operations, Property and/or Equipment Description:

Line 6 - Sear / Impinge

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	0.27 ton NOx per month averaged over a 12-month rolling period. 0.23 ton CO per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the NOx and CO emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	1.26 tons VOC per month averaged over a 12-month rolling period. 2.52 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B. and c)(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.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
f.	OAC rule 3745-17-11(B)	Stack filterable PE shall not exceed 2.37 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. These BAT emission limits apply until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- c. This emission unit shall be vented to the rotoclone at all times the emissions unit is in operation.

c) Operational Restrictions

- (1) The permittee shall restrict the production of angus product to emissions units P007, P008, P009, and P010 only. The permittee shall not produce angus product in emissions units P001, P002, P003, P004, P005, or P006.

d) Monitoring and/or Recordkeeping Requirements

- (1) In order to maintain compliance with the applicable emission limitation(s) contained in this permit, the acceptable range established for the pressure drop across each rotoclone is between 3 to 5 inches of water.
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the rotoclones when the controlled emissions unit(s) is/are in operation, including periods of startup and shutdown. The permittee shall record the pressure drop across the rotoclones on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable pressure drop shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range is established to demonstrate compliance.

Whenever the monitored value for the pressure drop deviates from the limit or range established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;



- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the operation of the control equipment within the acceptable range specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

This range or limit on the pressure drop across the rotoclones is effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The permittee may request revisions to the permitted limit or range for the pressure drop based upon information obtained during future testing that demonstrate compliance with the allowable particulate emission rate for the controlled emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

- (1) The permittee shall submit quarterly deviation (excursion) reports that identify the following:
 - a. any exceedance of the operational restriction in c)(1).

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

- (2) 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. Emissions Limitations:

0.27 ton NO_x per month averaged over a 12-month rolling period.

0.23 ton CO per month averaged over a 12-month rolling period.

Compliance with the monthly NO_x and CO emissions limitations shall be demonstrated by calculating the actual monthly NO_x and CO emissions based on the calculations as outlined in PTI Application A0052556 for PTI P0118973. The monthly emissions limitations were calculated based on information supplied by the permittee in that application:

$100 \text{ lbs NO}_x/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 3.22 \text{ TPY NO}_x$

$3.22 \text{ TPY}/12 = 0.26833$ rounded to 0.27 ton NO_x per month, 12-month rolling period

$84 \text{ lbs CO}/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 2.71 \text{ TPY CO}$

$2.71 \text{ TPY}/12 = 0.22583$ rounded to 0.23 ton CO per month, 12-month rolling period

b. Emissions Limitations:

1.26 tons VOC per month averaged over a 12-month rolling period.

2.52 tons PE/PM₁₀ per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC and PE/PM₁₀ emissions limitations shall be demonstrated by calculating the rolling, 12-month annual VOC and PE/PM₁₀ emissions, as outlined in section B., and dividing by 12.



The monthly emissions limitations were calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

15.10 TPY VOC/12 = 1.26 Tons VOC per month, 12-month rolling avg

30.26 TPY PE/PM10/12 = 2.52 Tons PE/PM10 per month, 12-month rolling avg

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

Stack filterable PE shall not exceed 2.37 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Figure II, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 11.84 lbs/hr PE > 10 lbs/hr PE; Allowable shall be based on Figure II

$$A = 0.20 \times \text{UMRE, lbs/hr} \quad 0.20 \times (11.84) = 2.37 \text{ lbs/hr PE}$$

g) Miscellaneous Requirements

- (1) None.

7. Emissions Unit Group -Line #s 7 & 8: P007,P008,

EU ID	Operations, Property and/or Equipment Description
P007	Line 7 - Sear / Impinge
P008	Line 8 - Sear / Impinge

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	For each line in the Emissions Unit Group, 0.27 ton NOx per month averaged over a 12-month rolling period. For each line in the Emissions Unit Group, 0.23 ton CO per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the NOx and CO emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	For each line in the Emissions Unit Group, 3.37 tons VOC per month averaged over a 12-month rolling period. For each line in the Emissions Unit Group, 1.08 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B.
e.	OAC rule 3745-17-07(A)	Visible particulate emissions from any

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		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)	For each line in the Emissions Unit Group, stack filterable PE shall not exceed 3.56 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. These BAT emission limits apply until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Emissions units P007, P008, P009, and P010 shall be vented to the wet scrubbers at all times the emissions units are in operation.
- (2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit:
 - a. the acceptable range for the pressure drop across each scrubber, that shall be maintained in order to demonstrate compliance, shall be between 51 to 63 pounds per square inch (gauge);
 - b. the acceptable scrubber liquid flow rate, that shall be maintained in order to demonstrate compliance, shall not be less than 150 gallons per minute; and
 - c. the acceptable range for the pH of the scrubber liquid, that shall be maintained in order to demonstrate compliance, is between 6 and 9.
- (3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop across the wet scrubbers (in pounds per square inch, gauge) and the scrubber liquid flow rate (in gallons per minute during operation of this emissions unit, including periods of startup and shutdown. The permittee shall record the pressure

drop across the scrubber and the scrubber liquid's flow rate on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable liquid flow rate shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range for each parameter is established to demonstrate compliance.

Whenever the monitored value for any parameter deviates from the range(s) or minimum limit(s) established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the control equipment parameters within the acceptable range(s), or at or above the minimum limit(s) specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date the corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop, flow rate, and pH readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

These range(s) and/or limit(s) for the pressure drop, liquid flow rate, and pH are effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The

permittee may request revisions to the permitted range or limit for the pressure drop, liquid flow rate, or pH based upon information obtained during future performance tests that demonstrate compliance with the allowable PE/PM10 and/or VOC emissions rates for this/these emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

(1) None.

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. Emissions Limitations:

For each line in the Emissions Unit Group, 0.27 ton NO_x per month averaged over a 12-month rolling period.

For each line in the Emissions Unit Group, 0.23 ton CO per month averaged over a 12-month rolling period.

Compliance with the monthly NO_x and CO emissions limitations shall be demonstrated by calculating the actual monthly NO_x and CO emissions based on the calculations as outlined in PTI Application A0052556 for PTI P0118973. The monthly emissions limitations were calculated based on information supplied by the permittee in that application:

$100 \text{ lbs NO}_x/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 3.22 \text{ TPY NO}_x$

$3.22 \text{ TPY}/12 = 0.26833$ rounded to 0.27 ton NO_x per month, 12-month rolling period

$84 \text{ lbs CO}/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 2.71 \text{ TPY CO}$

$2.71 \text{ TPY}/12 = 0.22583$ rounded to 0.23 ton CO per month, 12-month rolling period

b. Emissions Limitations:

For each line in the Emissions Unit Group, 3.37 tons VOC per month averaged over a 12-month rolling period.

For each line in the Emissions Unit Group, 1.08 tons PE/PM10 per month averaged over a 12-month rolling period.

Applicable Compliance Method:

Compliance with the monthly VOC and PE/PM10 emissions limitations shall be demonstrated by calculating the rolling, 12-month annual VOC and PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitations were calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

40.45 TPY VOC/12 = 3.37 Tons VOC per month, 12-month rolling avg

13.00 TPY PE/PM10/12 = 1.08 Tons PE/PM10 per month, 12-month rolling avg

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

For each line in the Emissions Unit Group, stack filterable PE shall not exceed 3.56 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.



Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687

Effective Date: To be entered upon final issuance

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Figure II, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 17.81 lbs/hr PE > 10 lbs/hr PE; Allowable shall be based on Figure II

$$A = 0.20 \times \text{UMRE, lbs/hr} \quad 0.20 \times (17.81) = 3.56 \text{ lbs/hr PE}$$

g) Miscellaneous Requirements

(1) None.

8. Emissions Unit Group -Line #s 9 & 10: P009,P010,

EU ID	Operations, Property and/or Equipment Description
P009	Line 9 - Sear / Impinge
P010	Line 10 - Sear / Impinge

a) The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only:

(1) b)(1)b.

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.	OAC rule 3745-31-05(A)(3) June 30, 2008	For each line in the Emissions Unit Group, 0.27 ton NOx per month averaged over a 12-month rolling period. For each line in the Emissions Unit Group, 0.23 ton CO per month averaged over a 12-month rolling period. See b)(2)a.
b.	OAC rule 3745-31-05(A)(3)(a)(ii) June 30, 2008	The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the NOx and CO emissions from this air contaminant source since the Potential to Emit is less than 10 tons per year. See b)(2)b.
c.	ORC 3704.03(T) and OAC rule 3745-31-05(A)(3)	For each line in the Emissions Unit Group, 4.17 tons VOC per month averaged over a 12-month rolling period. For each line in the Emissions Unit Group, 1.34 tons PE/PM10 per month averaged over a 12-month rolling period.
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Major New Source Review	See section B.
e.	OAC rule 3745-17-07(A)	Visible particulate emissions from any

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		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)	For each line in the Emissions Unit Group, stack filterable PE shall not exceed 4.26 pounds per hour.
g.	OAC rule 3745-17-07(B)	Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

(2) Additional Terms and Conditions

- a. These BAT emission limits apply until U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio SIP.
- b. These requirements apply once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Emissions units P007, P008, P009, and P010 shall be vented to the wet scrubbers at all times the emissions units are in operation.
- (2) In order to maintain compliance with the applicable emission limitation(s) contained in this permit:
 - a. the acceptable range for the pressure drop across each scrubber, that shall be maintained in order to demonstrate compliance, shall be between 51 to 63 pounds per square inch (gauge);
 - b. the acceptable scrubber liquid flow rate, that shall be maintained in order to demonstrate compliance, shall not be less than 150 gallons per minute; and
 - c. the acceptable range for the pH of the scrubber liquid, that shall be maintained in order to demonstrate compliance, is between 6 and 9.
- (3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop across the wet scrubbers (in pounds per square inch, gauge) and the scrubber liquid flow rate (in gallons per minute during operation of this emissions unit, including periods of startup and shutdown). The permittee shall record the pressure

drop across the scrubber and the scrubber liquid's flow rate on a daily basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s), with any modifications deemed necessary by the permittee. The acceptable liquid flow rate shall be based upon the manufacturer's specifications until such time as any required performance testing is conducted and the appropriate range for each parameter is established to demonstrate compliance.

Whenever the monitored value for any parameter deviates from the range(s) or minimum limit(s) established in accordance with this permit, the permittee shall promptly investigate the cause of the deviation. The permittee shall maintain records of the following information for each investigation:

- a. the date and time the deviation began;
- b. the magnitude of the deviation at that time;
- c. the date the investigation was conducted;
- d. the name(s) of the personnel who conducted the investigation; and
- e. the findings and recommendations.

In response to each required investigation to determine the cause of a deviation, the permittee shall take prompt corrective action to bring the control equipment parameters within the acceptable range(s), or at or above the minimum limit(s) specified in this permit, unless the permittee determines that corrective action is not necessary and documents the reasons for that determination and the date and time the deviation ended. The permittee shall maintain records of the following information for each corrective action taken:

- f. a description of the corrective action;
- g. the date the corrective action was completed;
- h. the date and time the deviation ended;
- i. the total period of time (in minutes) during which there was a deviation;
- j. the pressure drop, flow rate, and pH readings immediately after the corrective action was implemented; and
- k. the name(s) of the personnel who performed the work.

Investigation and records required by this paragraph do not eliminate the need to comply with the requirements of OAC rule 3745-15-06 if it is determined that a malfunction has occurred.

These range(s) and/or limit(s) for the pressure drop, liquid flow rate, and pH are effective for the duration of this permit, unless revisions are requested by the permittee and approved in writing by the appropriate Ohio EPA District Office or local air agency. The

permittee may request revisions to the permitted range or limit for the pressure drop, liquid flow rate, or pH based upon information obtained during future performance tests that demonstrate compliance with the allowable PE/PM10 and/or VOC emissions rates for this/these emissions unit(s). In addition, approved revisions to the range or limit will not constitute a relaxation of the monitoring requirements of this permit and may be incorporated into this permit by means of a Minor Permit Modification.

e) Reporting Requirements

(1) None.

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. Emissions Limitations:

For each line in the Emissions Unit Group, 0.27 ton NO_x per month averaged over a 12-month rolling period.

For each line in the Emissions Unit Group, 0.23 ton CO per month averaged over a 12-month rolling period.

Compliance with the monthly NO_x and CO emissions limitations shall be demonstrated by calculating the actual monthly NO_x and CO emissions based on the calculations as outlined in PTI Application A0052556 for PTI P0118973. The monthly emissions limitations were calculated based on information supplied by the permittee in that application:

$100 \text{ lbs NO}_x/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 3.22 \text{ TPY NO}_x$

$3.22 \text{ TPY}/12 = 0.26833$ rounded to 0.27 ton NO_x per month, 12-month rolling period

$84 \text{ lbs CO}/\text{MMscf} \times \text{MMscf}/1020 \text{ MMBtu} \times 9.00 \text{ MMBtu/hr} \times 7300 \text{ hrs/year} \times 1 \text{ Ton}/2000 \text{ lbs} = 2.71 \text{ TPY CO}$

$2.71 \text{ TPY}/12 = 0.22583$ rounded to 0.23 ton CO per month, 12-month rolling period

b. Emissions Limitations:

For each line in the Emissions Unit Group, 4.17 tons VOC per month averaged over a 12-month rolling period.

For each line in the Emissions Unit Group, 1.34 tons PE/PM10 per month averaged over a 12-month rolling period.



Applicable Compliance Method:

Compliance with the monthly VOC and PE/PM10 emissions limitations shall be demonstrated by calculating the rolling, 12-month annual VOC and PE/PM10 emissions, as outlined in section B., and dividing by 12.

The monthly emissions limitations were calculated based on information supplied by the permittee in PTI Application A0052556 for PTI P0118973:

50.08 TPY VOC/12 = 4.17 Tons VOC per month, 12-month rolling avg

16.10 TPY PE/PM10/12 = 1.34 Tons PE/PM10 per month, 12-month rolling avg

c. Emissions Limitations:

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.

Visible fugitive particulate emissions shall not exceed twenty percent opacity as a three-minute average.

Applicable Compliance Method:

If required, compliance with the stack visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with U.S. EPA Method 9.

If required, compliance with the limitation for visible emissions of fugitive dust shall be determined through visible emissions observations performed in accordance U.S. EPA Method 9 and the procedures specified in OAC rule 3745-17-03(B)(3).

d. Emissions Limitation:

For each line in the Emissions Unit Group, stack filterable PE shall not exceed 4.26 pounds per hour.

Applicable Compliance Method:

If required, compliance with the hourly PE/PM10 emissions limitation may be demonstrated by emissions testing using Method 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.



Draft Permit-to-Install
AdvancePierre Foods
Permit Number: P0118973
Facility ID: 1409000687

Effective Date: To be entered upon final issuance

The hourly emissions limitation was derived from information supplied by the permittee in PTI Application A0052556 for PTI P0118973 with the calculation in Figure II, Appendix A, of OAC rule 3745-17-11(B):

UMRE, 22.06 lbs/hr PE > 10 lbs/hr PE; Allowable shall be based on Figure II

$$A = 0.5782 \times (\text{UMRE, lbs/hr})^{0.6456} = 0.5782 \times (22.06)^{0.6456} = 4.26 \text{ lbs/hr PE}$$

g) Miscellaneous Requirements

- (1) None.