



Environmental Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

9/25/2012

Pat Stacklin
Trillium Farms
P.O. Box 247
CROTON, OH 43013

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0351010082
Permit Number: P0087349
Permit Type: Renewal
County: Marion

Certified Mail

No	TOXIC REVIEW
No	PSD
No	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	SYNTHETIC MINOR TO AVOID TITLE V
No	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

Dear Permit Holder:

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

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

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

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPCWeb page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: Ohio EPA-NWDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Trillium Farms**

Facility ID:	0351010082
Permit Number:	P0087349
Permit Type:	Renewal
Issued:	9/25/2012
Effective:	9/25/2012
Expiration:	9/25/2022



Division of Air Pollution Control
Permit-to-Install and Operate
for
Trillium Farms

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Authorization

Facility ID: 0351010082
Application Number(s): A0018305
Permit Number: P0087349
Permit Description: PTIO Renewal permit for an egg drying and feed mill facility.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 9/25/2012
Effective Date: 9/25/2012
Expiration Date: 9/25/2022
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Trillium Farms
2845 LARUE-MARSEILLES
LARUE, OH 43332

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

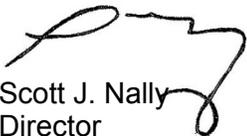
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency



Scott J. Nally
Director



Authorization (continued)

Permit Number: P0087349

Permit Description: PTIO Renewal permit for an egg drying and feed mill facility.

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

Emissions Unit ID:	F001
Company Equipment ID:	Dryer
Superseded Permit Number:	03-0418
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F002
Company Equipment ID:	Roadways/Parking
Superseded Permit Number:	03-0418
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F003
Company Equipment ID:	Load-Out
Superseded Permit Number:	03-0418
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P901
Company Equipment ID:	Receiving/Handling
Superseded Permit Number:	03-0418
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P902
Company Equipment ID:	Hammermills
Superseded Permit Number:	03-0418
General Permit Category and Type:	Not Applicable



A. Standard Terms and Conditions

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

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

2. Who is responsible for complying with this permit?

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

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

3. What records must I keep under this permit?

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

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

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

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

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

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

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

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

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

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

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

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

7. What reports must I submit under this permit?

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

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

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

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

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

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

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

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

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

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

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

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

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

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official.

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

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

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

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

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

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

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

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

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

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.

C. Emissions Unit Terms and Conditions



1. F001, Grain Dryer

Operations, Property and/or Equipment Description:

Grain Dryer

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- 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)	7.70 tons fugitive particulate matter less than 10 microns in size (PM10)/yr 13.86 tons fugitive particulate emissions (PE)/yr 0.092 pounds nitrogen oxide (NOx) per mmBtu of actual heat input and 11.14 tpyNOx. 0.089 pounds carbon monoxide (CO) per mmBtu of actual heat input and 10.78 tpy CO. Visible fugitive PE shall not exceed 20% opacity, as a three-minute average See b)(2)a.



Table with 3 columns: Rule/Requirement, Applicable Rules/Requirements, and Applicable Emissions Limitations/Control Measures. Rows include OAC rule 3745-17-07(B) and OAC rule 3745-17-08(B).

(2) Additional Terms and Conditions

- a. Best Available Technology (BAT) requirements have been determined to be a perforation diameter of 0.078 inches or less...
b. This emissions unit is exempt from the visible particulate emission limitations...
c. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08.

c) Operational Restrictions

- (1) The maximum annual throughput for this emissions unit shall not exceed 280,000 tons of grain.
(2) The permittee shall burn only natural gas in this emissions unit.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the types and quantity of grain processed...
(2) For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned...

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit.

f) Testing Requirements

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

a. Emission Limitation:

7.70 tons fugitive PM₁₀/year

Applicable Compliance Method:

The annual PM10 limitation was developed by multiplying the maximum grain throughput of 280,000 tons/year, by an AP-42 emission factor of 0.055 lb PM10/ton of grain [Table 9.9.1-1 (3/03)], then dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual grain throughput restriction, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation:

13.86 tons fugitive PE/year

Applicable Compliance Method:

The annual PE limitation was developed by multiplying the maximum grain throughput of 280,000 tons/year, by an AP-42 emission factor of 0.22 lb PE/ton of grain [Table 9.9.1-1 (3/03)], then dividing by 2000 lbs/ton and applying a 55% control efficiency. Therefore, provided compliance is shown with the annual grain throughput restriction and the terms and conditions of this permit, compliance with the annual emission limitation shall also be demonstrated.

c. Emission Limitation:

0.092 lbsNO_x per mmBtu of actual heat input and 11.14 tpyNO_x.

Applicable Compliance Method:

The lb/mmBtu emission limitation was established based on the vendor data of 9.38 lbsNO_x/hr and the maximum heat input of 102 mmBtu/hr. Compliance shall be demonstrated by comparison with the AP42 emission factor from Table 1.4-1 (revised 7/98).

The annual emission limitation was established by multiplying the lb/mmBtu, the maximum heat input, the maximum hours of operation of 2,375, which is the basis for the annual grain throughput limitation and then applying the conversion factor of 2000 pounds per ton. Therefore, provided compliance is shown with the lb/mmBtu limitation and the annual grain throughput limitation, compliance with the annual emission limitation shall also be demonstrated.

d. Emission Limitation:

0.089 lbs CO per mmBtu of actual heat input and 10.78 tpy CO.

Applicable Compliance Method:

The lb/mmBtu emission limitation was established based on the vendor data of 9.08 lbs CO/hr and the maximum heat input of 102 mmBtu/hr. Compliance shall be demonstrated by comparison with the AP42 emission factor from Table 1.4-1 (revised 7/98).

The annual emission limitation was established by multiplying the lb/mmBtu, the maximum heat input, the maximum hours of operation of 2,375, which is the basis for the annual grain throughput limitation and then applying the conversion factor of 2000 pounds per ton. Therefore, provided compliance is shown with the lb/mmBtu limitation and the annual grain throughput limitation, compliance with the annual emission limitation shall also be demonstrated.

e. Emission Limitation:

Visible fugitive PE shall not exceed 20% opacity, as a three-minute average

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



2. F002, Roadways/Parking

Operations, Property and/or Equipment Description:

Roadways and Parking

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- 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)	3.68 tons fugitive particulate matter less than 10 microns in size (PM10)/yr 18.75 tons fugitive particulate emissions (PE)/yr no visible PE except for one minute during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust [See b)(2)a. through b)(2)e.]
b.	OAC rule 3745-17-07(B)	See b)(2)f.
c.	OAC rule 3745-17-08(B)	See b)(2)g.

- (2) Additional Terms and Conditions
- a. The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the paved roadways and parking areas with a street sweeper at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 - b. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for paved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
 - c. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
 - d. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
 - e. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requires of OAC rule 3745-31-05.
 - f. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
 - g. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
- c) Operational Restrictions
- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

<u>paved roadways and parking areas</u>	<u>minimum inspection frequency</u>
-----------------------------------------	-------------------------------------

all roads and parking areas	daily
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- (2) The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

- (3) The permittee shall maintain records of the following information:

- the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
- the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- the dates the control measures were implemented; and
- on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

- (4) The information required in d)(3)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

f) Testing Requirements

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

a. Emission Limitation:

3.68 tons PM₁₀/year

Applicable Compliance Method:

Compliance shall be determined using calculations, based on an AP-42 emission factor of 0.95 pound PM₁₀/VMT [Section 13.2.1, revised (1/11)] and the annual vehicle miles traveled on the roadways and parking areas. Therefore provided compliance is shown with the requirements to apply best available control measures, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation:

18.75 tons PM/year

Applicable Compliance Method:

Compliance shall be determined using calculations, based on an AP-42 emission factor of 4.86 pound PM/VMT [Section 13.2.1, revised (1/11)] and the annual vehicle miles traveled on the roadways and parking areas. Therefore provided compliance is shown with the requirements to apply best available control measures, compliance with the annual emission limitation shall also be demonstrated.

c. Emission Limitation:

No visible PE from paved roadways and parking areas except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

g) Miscellaneous Requirements

(1) None.



3. F003, Load-Out

Operations, Property and/or Equipment Description:

Feed Load-Out

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

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

a. None.

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

a. None.

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)	1.60 tons fugitive particulate matter less than 10 microns in size (PM10)/yr 4.70 tons fugitive particulate emissions (PE)/yr Visible fugitive PE shall not exceed 10% opacity, as a three-minute average. See b)(2)a.
b.	OAC rule 3745-17-07(B)	See b)(2)f.
c.	OAC rule 3745-17-08(B)	See b)(2)g.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) requirements have been determined to be a compliance with the terms and conditions of this permit and the following:

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in d)(2):
 - a. all days during which any visible fugitive particulate emissions were observed from the loading operations; and
 - b. any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or corrective action(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that no visible emissions were observed and no corrective actions were taken.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
1.60 tons PM₁₀/year

Applicable Compliance Method:

The annual fugitive PM₁₀ limitation was developed by multiplying the maximum annual grain throughput of 1,095,000 tons by an emission factor of 0.029 lb of PM₁₀/ton of grain from AP-42 Table 9.9.1-1 (3/03), dividing by 2000 lbs/ton and applying 90% control (canvas sock attached to the end of the load-out chute). Therefore, provided compliance is shown with the annual grain throughput and compliance with the terms and conditions of this permit, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation:

4.70 tons PM/year

Applicable Compliance Method:

The annual fugitive PM10 limitation was developed by multiplying the maximum annual grain throughput of 1,095,000 tons by an emission factor of 0.086 lb of PM10/ton of grain from AP-42 Table 9.9.1-1 (3/03), dividing by 2000 lbs/ton and applying 90% control (canvas sock attached to the end of the load-out chute). Therefore, provided compliance is shown with the annual grain throughput and compliance with the terms and conditions of this permit, compliance with the annual emission limitation shall also be demonstrated.

c. Emission Limitation:

Visible fugitive PE shall not exceed 10% opacity, as a three-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.



4. P001, Eggshell drying operation

Operations, Property and/or Equipment Description:

3 mmBtu/hr Dryer with two cyclones and pneumatic conveying system with baghouse

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

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

a. None.

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

a. None.

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)	0.03 pounds particulate matter less than 10 microns in size (PM ₁₀)/hr and 0.13 tpy PM ₁₀ Visible particulate emissions (PE) shall not exceed 0% opacity, as a 6-minute average. See b)(2)a. and b)(2)c.
b.	OAC rule 3745-17-07(A)	See b)(2)b.
c.	OAC rule 3745-17-08(B)	See b)(2)b.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) requirements have been determined to be a compliance with the terms and conditions of this permit and the use of two cyclones and a bag house.

- b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
 - c. All PE is PM10.
 - c) Operational Restrictions
 - (1) The maximum annual throughput for this emissions unit shall not exceed 21,900 tons of eggshells per year.
 - (2) The permittee shall dry only eggshells in this emissions unit.
 - (3) The permittee shall burn only natural gas in this emissions unit.
 - d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall maintain monthly records of the quantity of eggshells dried in this emissions unit, in tons per month and total tons, to date, for the calendar year.
 - (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. the total duration of any visible emissions incident; and
 - c. any corrective actions taken to eliminate the visible emissions.
 - e) Reporting Requirements
 - (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
 - (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in d)(2):
 - a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. any corrective actions taken to eliminate the visible particulate emissions.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or corrective action(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that no visible emissions were observed and no corrective actions were taken.

f) Testing Requirements

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

a. Emission Limitation:

0.03 lbs PM₁₀/hr and 0.13 tpy PM₁₀

Applicable Compliance Method:

The hourly emission limitation was developed by multiplying the emission factor of 0.825 lb PM₁₀/ton by the maximum hourly process rate of 2.5 tons per hour and applying a 98.6% control efficiency. If required, compliance shall be demonstrated by emission testing conducted in accordance with Methods 201/202 of 40 CFR Part 51, Appendix M.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours per year and dividing by 2000 pounds per ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

b. Emission Limitation:

Visible PE shall not exceed 0% opacity, as a 6-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with Method 9 of 40 CFR, Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



5. P901, Receiving/Handling

Operations, Property and/or Equipment Description:

Receiving and Handling

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- 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 3745-17-07(B)	See b)(2)c.
b.	OAC rule 3745-17-08(B)	See b)(2)d.
c.	OAC rule 3745-17-11(B)	See b)(2)b.
d.	OAC rule 3745-17-07(A)	See b)(2)b.
Grain and Limestone receiving operations with enclosure, baffles and bag house		
e.	OAC rule 3745-31-05(A)(3)	<u>stack emissions:</u> 0.94 pound (lb) particulate matter less than 10 microns in size (PM10) and 4.12 tons PM10/yr [See b)(2)e.] Visible particulate emissions (PE) from the baghouse shall not exceed 0% opacity as a six-minute average. <u>fugitive emissions:</u> 0.87 ton fugitive PM10/yr



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		2.67 tons fugitive PE/yr Visible fugitive PE shall not exceed 20% opacity, as a three-minute average. See b)(2)a.
Grain handling operations (transferring, conveying, screening and cleaning) with enclosure		
f.	OAC rule 3745-31-05(A)(3)	19.38 tons fugitive PM10/yr 34.77 tons fugitive PE/yr No visible fugitive emissions See b)(2)a.

(2) Additional Terms and Conditions

- a. Best Available Technology (BAT) requirements have been determined to be a compliance with the terms and conditions of this permit and the following:
 - i. the permittee shall minimize and or eliminate fugitive particulate matter emissions resulting from the grain and limestone receiving operations through the utilization of baffles and an enclosed dump pit equipped with a fabric filter system (baghouse). The permittee shall operate and maintain the baghouse in accordance with the manufacturer's recommendations whenever this emissions unit is in operation.
 - ii. the permittee shall eliminate particulate matter emissions resulting from grain handling operations through the utilization of total enclosure of all equipment associated with handling operations.
- b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- d. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
- e. All PE is PM10.

- c) Operational Restrictions
- (1) The maximum annual grain received in this emission unit shall not exceed 990,000 tons.
 - (2) The maximum annual throughput for grain handling operations shall not exceed 1,140,000 tons.
- d) Monitoring and/or Recordkeeping Requirements
- (1) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. the total duration of any visible emissions incident; and
 - c. any corrective actions taken to eliminate the visible emissions..
 - (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the following for this emissions unit:
 - a. grain receiving;
 - b. the totally enclosed transferring/conveying operations;

The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

 - c. for the totally enclosed transferring/conveying operations:
 - i. the location and color of the emissions;
 - ii. the total duration of any visible emission incident; and
 - iii. any corrective actions taken to eliminate the visible emissions.
 - d. for grain receiving operations:
 - i. the location and color of the emissions;
 - ii. whether the emissions are representative of normal operations;
 - iii. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- iv. the total duration of any visible emission incident; and
- v. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d)(2)d. above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in d)(2):
 - a. For the bag house stacks:
 - i. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - ii. any corrective actions taken to eliminate the visible particulate emissions.
 - b. for transferring/conveying operations:
 - i. all days during which any visible fugitive particulate emissions were observed from the totally enclosed transferring/conveying operations; and
 - ii. any corrective actions taken to eliminate the visible fugitive particulate emissions.

- c. for grain receiving operations:
 - i. all days during which any visible fugitive particulate emissions were observed; and
 - ii. any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or corrective action(s) to indentify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that no visible emissions were observed and no corrective actions were taken.

f) Testing Requirements

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

- a. Emission Limitation:

0.94 lb PM10/hour and 4.12 tons PM10/year from the bag house stack

Applicable Compliance Method:

The hourly emission limitation was developed by multiplying a grain loading of 0.01 gr/dscf by an air flow of 11,000 acfm.

If required, compliance with the visible emission limitations shall be determined in accordance with Methods 1-5 of 40 CFR Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hours per year then dividing by 2000 pounds per ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

- b. Emission Limitations:

Visible stack PE shall not exceed, 0% percent opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitations shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

- c. Emission Limitation:

0.87 ton fugitive PM₁₀ emissions/year

Applicable Compliance Method:

The annual fugitive PM₁₀ limitation was developed by multiplying a maximum grain throughput of 990,000 tons/yr by an AP-42 emissions factor of 0.059 lb PM₁₀/ton from section 9.9.1-1 (3/03), dividing by 2000 lbs/ton and then applying a 97% capture efficiency for the baghouse. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

d. Emission Limitation:

2.67 tons fugitive PE/year

Applicable Compliance Method:

The annual fugitive PE limitation was developed by multiplying a maximum grain throughput of 990,000 tons/yr by an AP-42 emissions factor of 0.18 lb PE/ton from section 9.9.1-1 (3/03), dividing by 2000 lbs/ton and then applying a 97% capture efficiency for the baghouse. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

e. Emission Limitation:

Visible fugitive PE shall not exceed 20% opacity, as a three-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitations shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

f. Emission Limitation:

19.38 tons fugitive PM₁₀ emissions/year

Applicable Compliance Method:

The annual fugitive PM₁₀ limitation was developed by multiplying a maximum grain throughput of 1,140,000 tons/yr by an AP-42 emissions factor of 0.034 lb PM₁₀/ton from section 9.9.1-1 (3/03) and dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

g. Emission Limitation:

34.77 tons fugitive PE/year

Applicable Compliance Method:

The annual fugitive PE limitation was developed by multiplying a maximum grain throughput of 1,140,000 tons/yr by an AP-42 emissions factor of 0.061 lb PE/ton from section 9.9.1-1 (3/03), and then dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

h. Emission Limitation:

There shall be no visible fugitive emissions resulting from the grain handling (transferring and conveying) operations.

Applicable Compliance Method:

If required, compliance with the visible PE limitation listed above shall be determined in accordance with Test Method 22 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

- (1) None.



6. P902, Hammermills

Operations, Property and/or Equipment Description:

Hammermills, Tunnel Belt, and Storage Bins

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

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

a. None.

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

a. None.

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)	<p><u>Hammermills #1 and #2 (baghouse stacks):</u></p> <p>0.26 lb particulate matter less than 10 microns in size (PM₁₀)/hr and 1.14 tons PM₁₀/yr, from each hammermill individually.</p> <p><u>Tunnel Belt (baghouse stack):</u></p> <p>0.13 lb PM₁₀/hr and 0.57 ton PM₁₀/yr</p> <p>Visible PE from the baghouse stacks (hammermills and tunnel belt) serving this emissions unit shall not exceed 0% opacity as a six-minute average.</p> <p>See b)(2)e.</p>



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<u>bin loading/unloading operations (fugitive):</u> 3.59 tons PM ₁₀ /yr; 14.25 tons fugitive PE/yr; Visible fugitive PE shall not exceed 20% opacity as a three-minute average.
b.	OAC rule 3745-17-11(B)	See b)(2)b.
c.	OAC rule 3745-17-07(A)	See b)(2)b.
d.	OAC rule 3745-17-07(B)	See b)(2)c.
e.	OAC rule 3745-17-08(B)	See b)(2)d.

(2) Additional Terms and Conditions

- a. Best Available Technology (BAT) requirements have been determined to be a compliance with the terms and conditions of this permit and the following:
 - i. The permittee shall minimize and/or eliminate fugitive particulate matter emissions resulting from grinding, handling, and storage operations through utilization of equipment enclosure and venting of emissions to the associated fabric filters (baghouse).
- b. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- c. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- d. This facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08(B).
- e. All PE is PM10.

c) Operational Restrictions

- (1) The maximum annual material throughput shall not exceed 760,000 tons of grain.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of material throughput for this emissions unit, in tons per month and total tons, to date, for the calendar year.

- (2) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the emissions;
 - b. the total duration of any visible emissions incident; and
 - c. any corrective actions taken to eliminate the visible emissions.
- (3) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible fugitive emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under d)(3)d. above or continue the daily check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report to the Ohio EPA District Office or Local Air Agency by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit. It is recommended that the PER is submitted electronically through the Ohio EPA's "e-Business center: Air Services" although PERs can be submitted via U.S. postal service or can be hand delivered.

- (2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term d)(2) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to eliminate the visible particulate emissions.
 - (3) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term d)(3) above:
 - a. all days during which any visible emissions of fugitive dust were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible emissions.
- f) Testing Requirements
- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
0.26 lb PE/hour and 1.14 tons PE/year

Applicable Compliance Method:

The hourly emission limitation was developed by multiplying a grain loading of 0.01 gr/dscf by an air flow of 3,000 acfm.

If required, compliance with the visible emission limitations shall be determined in accordance with Methods 1-4 of 40 CFR Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hours per year then dividing by 2000 pounds per ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.
 - b. Emission Limitation:
0% percent opacity, as a six-minute average from the baghouse stacks

Applicable Compliance Method:

If required, compliance with the visible emission limitations shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitations:

3.59 tons fugitive PM₁₀/year from the bin loading/unloading operations

Applicable Compliance Method:

The annual fugitive PM10 limitation was developed by multiplying the maximum annual grain throughput of 1,140,000 tons by an emission factor of 0.0063 lb of PM10/ton of grain from AP-42 Table 9.9.1-1 (3/03), and then dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

d. Emission Limitation:

14.25 tons PE/year from the bin loading/unloading operations

Applicable Compliance Method:

The annual fugitive PE limitation was developed by multiplying the maximum annual grain throughput of 1,140,000 tons by an emission factor of 0.025 lb of PE/ton of grain from AP-42 Table 9.9.1-1 (3/03), and then dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

e. Emission Limitation:

20% opacity, as a three-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitations shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

f. Emission Limitations:

0.13 lb PE/hour and 0.57 ton PE/year from the tunnel belt operations

Applicable Compliance Method:

The hourly emission limitation was developed by multiplying a grain loading of 0.01 gr/dscf by an air flow of 1,500 acfm.

If required, compliance with the visible emission limitations shall be determined in accordance with Methods 1-4 of 40 CFR Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum annual operating schedule of 8760 hours per year then dividing by 2000 pounds per ton. Therefore, provided compliance is shown with the hourly emission limitation, compliance with the annual emission limitation shall also be demonstrated.

g. Emission Limitation:

0% opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitations shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.