



Environmental Protection Agency

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

11/2/2011

Mr. Marcus Cordonnier  
EDON FARMERS CO-OP  
205 S MICHIGAN ST  
PO Box 308  
Edon, OH 43518

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE  
Facility ID: 0386000002  
Permit Number: P0108882  
Permit Type: Initial Installation  
County: Williams

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](http://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](http://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  
EDON FARMERS CO-OP**

Facility ID:	0386000002
Permit Number:	P0108882
Permit Type:	Initial Installation
Issued:	11/2/2011
Effective:	11/2/2011
Expiration:	11/2/2021





Division of Air Pollution Control
Permit-to-Install and Operate
for
EDON FARMERS CO-OP

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## Authorization

Facility ID: 0386000002  
Application Number(s): A0042477, A0042936  
Permit Number: P0108882  
Permit Description: East side grain elevator operations including plant roadways and parking areas (paved/unpaved), grain receiving, grain handling (transferring & conveying), grain drying, and grain loading.  
Permit Type: Initial Installation  
Permit Fee: \$1,000.00  
Issue Date: 11/2/2011  
Effective Date: 11/2/2011  
Expiration Date: 11/2/2021  
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

EDON FARMERS CO-OP  
205 S MICHIGAN ST  
Edon, OH 43518

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

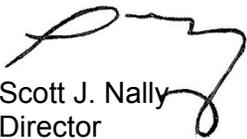
Ohio EPA District Office or local air agency responsible for processing and administering your permit:

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: P0108882

Permit Description: East side grain elevator operations including plant roadways and parking areas (paved/unpaved), grain receiving, grain handling (transferring & conveying), grain drying, and grain loading.

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

<b>Emissions Unit ID:</b>	<b>F001</b>
Company Equipment ID:	Roadways and parking areas
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F002</b>
Company Equipment ID:	Grain Truck Loadout
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F003</b>
Company Equipment ID:	Receiving, transferring, and conveying
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F004</b>
Company Equipment ID:	Grain Dryer
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F005</b>
Company Equipment ID:	Rail Load Out - East Side Grain Elevator Operations
Superseded Permit Number:	
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 submitting<sup>1</sup> 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.

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

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

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

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

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

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

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

## **B. Facility-Wide Terms and Conditions**

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

## **C. Emissions Unit Terms and Conditions**



1. F001, Roadways and parking areas

Operations, Property and/or Equipment Description:

Roadways and Parking areas

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.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Row a: OAC rule 3745-31-05 (A)(3), as effective 11/30/2001; 1.39 tons fugitive particulate matter 10 microns or less in size (PM10)/yr from paved and unpaved roadways and parking areas; no visible particulate emissions except for one minute during any 60-minute period from paved roadways and parking areas; no visible particulate emissions except for three minutes during any 60-minute period from unpaved roadways and parking areas; best available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See b)(2)a. through b)(2)g.) See b)(2)h.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
b.	OAC rule 3745-31-05 (A)(3), as effective 12/1/2006	See b)(2)i.
c.	OAC rule 3745-17-07 (B)	See b)(2)j.
d.	OAC rule 3745-17-08 (B)	See b)(2)k.

(2) Additional Terms and Conditions

- a. The paved and unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

paved and unpaved roadways:

all paved and unpaved roadways

paved and unpaved parking areas:

all paved and unpaved parking areas

- b. The permittee shall employ best available control measures on all paved and unpaved roadways and parking areas ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to sweeping the paved roadways and parking areas and to treating the unpaved roadways and parking areas with oil at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. 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 a paved or unpaved roadway or parking area that is/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.
- d. Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation of no visible particulate emission except for one minute during any 60-minute period.

- e. The permittee shall promptly remove, in such a manner as to minimize or prevent re-suspension, earth and/or other material from paved streets into which material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- f. 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.
- g. 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 requirements of OAC rule 3745-31-05.
- h. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
- i. This rule paragraph applies once U.S. EPA approves December 1, 2006 version of OAC rule 3745-31-05, as part of the State Implementation Plan.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM10 from this air contaminant source since the uncontrolled potential to emit for PM10 is less than ten tons per year.

The potential to emit for this emissions unit is 1.39 tons PM10/yr and was determined by summing the calculated potential emissions from both paved and unpaved roadways and parking areas calculated as follows:

**Paved Roadways & Parking Areas:** Multiplying a maximum Vehicle Miles Traveled (VMT) per year for paved roadways and parking areas of 731 by a calculated emission factor from AP-42 section 9.9.1-1 [1/11] of 0.43 lbs PM10/VMT, dividing by 2000 lbs/ton and applying a 50% control factor for sweeping (0.08 ton/yr).

**Unpaved Roadways and Parking Areas:** Multiplying a maximum Vehicle Miles Traveled (VMT) per year for unpaved roadways and parking areas of 2107 by a calculated emission factor from AP-42 section 9.9.1-1 [11/06] of 2.49 lbs PM10/VMT, dividing by 2000 lbs/ton, and applying 50% control factor for oiling (1.31 tons/yr).

- j. 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).
  - k. 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 the roadways and parking areas in accordance with the following frequencies:

<u>paved and unpaved roadways</u>	<u>minimum inspection frequency</u>
all paved and unpaved roadways	daily
<u>paved and unpaved parking areas</u>	<u>minimum inspection frequency</u>
all paved and unpaved parking areas	daily
  - (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 may, upon receipt of written approval from the Northwest District Office, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
  - (4) The permittee shall maintain records of the following information:
    - a. 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;
    - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
    - c. the dates the control measures were implemented; and

- d. 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.

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

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director 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.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in section d)(4) above:
  - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
  - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The above information shall be provided as an attachment to the PER. If there were no day(s) and/or instance(s) to identify as required above, the permittee shall indicate within the "Additional Information and Corrections" section of the PER that all inspections were performed by the required frequency, and control measure(s) were properly implemented.

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

1.39 tons of fugitive PM10/year

Applicable Compliance Method

This emission limitation was based on maximum vehicle miles traveled (731 for paved, 2107 for unpaved), a 50% overall control efficiency for dust suppression, and AP-42 factors from Sections 13.2.1.3 (1/11) for paved roadways (0.43 lb PM10/VMT) and 13.2.2-4 (11/06) for unpaved roadways (2.49 lbs PM10/VMT). Therefore, provided compliance is shown with the requirement to apply best available control measures, compliance with the annual limitations shall also be demonstrated.

b. Emission Limitation

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

Applicable Compliance Method

If required, compliance with the visible emission 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"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(1) through (B)(4)(d) of OAC rule 3745-17-03.

c. Emission Limitation

No visible particulate emissions except for a period of time not to exceed three minutes during any 60-minute observation period from any unpaved roadways and parking areas.

Applicable Compliance Method

If required, compliance with the visible emission 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"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(1) through (B)(4)(d) of OAC rule 3745-17-03.

g) Miscellaneous Requirements

(1) None.



2. F002, Grain Truck Loadout

Operations, Property and/or Equipment Description:

Grain truck loadout

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.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Rows include OAC rule 3745-31-05 (A)(3) and OAC rule 3745-17-07(B).

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) control requirements for this emissions unit have been determined to be use of mineral oil for truck load out area #1 and truck load out area #2 and use of mineral oil and an adjustable spout for truck

load out area #3. BAT requirements also include compliance with the terms and conditions of this permit.

- b. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
- c. This rule paragraph applies once U.S. EPA approves December 1, 2006 version of OAC rule 3745-31-05, as part of the State Implementation Plan.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM10 from this air contaminant source since the uncontrolled potential to emit for PM10 is less than ten tons per year.

The potential to emit for this emissions unit is 0.05 ton PM10/yr and was determined by multiplying a maximum grain throughput of 14,389 tons/yr by an AP-42 emissions factor of 0.029 lb PM10/ton from section 9.9.1-1 (5/03), dividing by 2000 lbs/ton and applying a 75% control factor for use of mineral oil and telescoping spout.

- d. 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).
- e. 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) The maximum throughput for this emissions unit shall not exceed 14,389 tons grain per year.

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 fugitive particulate emissions from the truck loading 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:

- a. the location and color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d)(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) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in section d)(2):
  - a. all days during which any visible fugitive particulate emissions were observed from the truck 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  
0.05 ton fugitive PM10/yr

Applicable Compliance Method

The annual fugitive PM10 limitation was developed by multiplying the maximum annual grain throughput of 14,389 tons by an emission factor of 0.029 lb of PM10/ton of grain from AP-42 Table 9.9.1-1 (5/03), and applying a 75% control efficiency for use of mineral oil and/or adjustable spouts, then dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for mineral oil and/or adjustable spout use and the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

- b. Emission Limitation  
Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745017-03.

## g) Miscellaneous Requirements

- (1) None.



3. F003, Receiving, transferring, and conveying

Operations, Property and/or Equipment Description:

Receiving, transferring, and conveying

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.

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Row 1: a. OAC rule 3745-31-05 (A)(3), as effective 11/30/2001. 0.16 ton fugitive particulate matter 10 microns or less in size (PM10)/yr from truck grain receiving pit #3. 0.03 ton PM10/yr from grain handling (transferring & conveying) operations. Visible fugitive particulate emissions from grain receiving pit #3 shall not exceed 20% opacity as a three-minute average. Visible fugitive particulate emissions from any grain handling (transferring & conveying) operations shall not exceed 0% opacity as a three-minute average. See b)(2)a. and b)(2)b.

b.	OAC rule 3745-31-05 (A)(3), as effective 12/1/2006	See b)(2)c.
c.	OAC rule 3745-17-07 (B)	See b)(2)d.
d.	OAC rule 3745-17-08 (B)	See b)(2)e.

(2) Additional Terms and Conditions

- a. Best Available Technology (BAT) control requirements for this emissions unit have been determined to be use of a louver system for grain receiving pit #3 and use of mineral oil and a total enclosure for grain handling (transferring & conveying) operations. BAT requirements also include compliance with the terms and conditions of this permit.

Note: Grain receiving operations for the East grain elevator operations at this facility consist of 3 truck grain receiving pits (pits #1, #2, and #3). Per OAC rule 3745-31-05 (A)(3)(a)(i), BAT is not required for grain receiving pits #1 and #2 because these air contaminant sources were installed prior to January 1, 1974.

- b. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.
- c. This rule paragraph applies once U.S. EPA approves December 1, 2006 version of OAC rule 3745-31-05, as part of the State Implementation Plan.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM10 from this air contaminant source since the uncontrolled potential to emit for PM10 is less than ten tons per year.

The potential to emit for this emissions unit is 0.19 ton PM10/yr and was determined by summing emissions from grain receiving pit #3 and transferring and conveying operations calculated as follows:

Grain Receiving: multiplying a maximum grain throughput of 164,300 tons/yr by an AP-42 emissions factor of 0.0078 lb PM10/ton from section 9.9.1-1 (5/03), dividing by 2000 lbs/ton and applying a 75% control factor for use of a lover system (0.16 ton/yr).

Grain Transferring & Conveying: multiplying a maximum grain throughput of 164,300 tons/yr by an AP-42 emissions factor of 0.034 lb PM10/ton from section

9.9.1-1 (5/03), dividing by 2000 lbs/ton and applying a 99% control factor for use mineral oil and use of total enclosure (0.03 ton/yr).

- d. 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).
- e. 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) The maximum throughputs for this emissions unit shall not exceed the following:
  - a. 164,300 tons grain received per year; and
  - b. 164,300 tons grain handled (transferring & conveying) per year.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of material throughput for each of the following individual operations for this emissions unit, in tons per month and total tons, to date, for the calendar year:
  - a. throughput for truck grain receiving; and
  - b. throughput for grain handling (transferring & conveying).
- (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. the louver system on truck grain receiving pit #3; and
  - b. the totally enclosed grain handling (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 the louver system on truck grain receiving pit #3:

- 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) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in section d)(2):
  - a. for the louver system on truck grain receiving pit #3 and the total enclosure around grain handling (transferring & conveying) operations:
    - i. all days during which any visible fugitive particulate emissions were observed (identify the specific operation that experienced visible emissions) from the above operations as specified in d)(2); and
    - ii. any corrective actions taken to minimize or eliminate the visible fugitive particulate 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  
0.16 ton fugitive PM10/yr from truck grain receiving pit #3

Applicable Compliance Method

The annual fugitive PM10 limitation was developed by multiplying a maximum grain throughput of 164,300 tons/yr by an AP-42 emissions factor of 0.0078 lb PM10/ton from section 9.9.1-1 (5/03), dividing by 2000 lbs/ton and applying a 75% control factor for use of a louver system. Therefore, provided compliance with the requirement for the use of a louver system and the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

- b. Emission Limitation  
0.03 ton fugitive PM10/yr from grain handling (transferring & conveying) operations

Applicable Compliance Method

The annual fugitive PM10 limitation was developed by multiplying a maximum grain throughput of 164,300 tons/yr by an AP-42 emissions factor of 0.034 lb PM10/ton from section 9.9.1-1 (5/03), dividing by 2000 lbs/ton and applying a 99% control factor for use mineral oil and use of total enclosure. Therefore, provided compliance with the requirement for the use of mineral oil and use of a total enclosure and the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

- c. Emission Limitation  
Visible fugitive particulate emissions from grain receiving pit #3 shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745017-03.

- d. Emission Limitation  
Visible fugitive particulate emissions from any grain handling (transferring & conveying) operations shall not exceed 0% opacity as a three-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745017-03.

- g) Miscellaneous Requirements

- (1) None.



4. F004, 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)	1.13 tons fugitive particulate matter 10 microns or less in size (PM10)/yr  Visible fugitive particulate emissions shall not exceed 20% opacity, as a three-minute average  See b)(2)a.
b.	OAC rule 3745-17-07 (B)	See b)(2)b.
c.	OAC rule 3745-17-08 (B)	See b)(2)c.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) control requirements for this emissions unit have been determined to be use of a perforation plate with a hole diameter not to exceed 0.078 inches. BAT requirements also include compliance with the terms and conditions of this permit.

Emission limitations/control measures were not established for nitrogen oxide (NO<sub>x</sub>) and Carbon Monoxide (CO) associated with the combustion of natural gas as they were determined to be insignificant. NO<sub>x</sub> emissions were 0.81 tons/yr and CO emissions were 0.68 tons/yr.

- b. 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).
  - c. 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) The maximum throughput for this emissions unit shall not exceed 41,165 tons grain per year.
- 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 grain dryer. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
    - a. the location and color of the emissions;
    - b. whether the emissions are representative of normal operations;
    - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
    - d. the total duration of any visible emission incident; and
    - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d)(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) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in section d)(2):
  - a. all days during which any visible fugitive particulate emissions were observed from the grain drying 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 Limitations:  
1.13 tons fugitive PM10/year  
  
Applicable Compliance Method:  
The annual PM10 limitation was developed by multiplying the maximum grain throughput of 41,165 tons/year, by an AP-42 emission factor of 0.055 lb PM10/ton of grain [Table 9.9.1-1 (5/03)], 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 Limitations:  
Visible fugitive PE shall not exceed 20% opacity, as a three-minute average from the grain dryer.  
  
Applicable Compliance Method:  
If required, compliance with the visible PE limitation listed above shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

- g) Miscellaneous Requirements
  - (1) None.

**5. F005, Rail Load Out - East Side**

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

Rail Load Out - East Side Grain Elevator Operations

- 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), as effective 11/30/2001	0.05 ton fugitive particulate matter 10 microns or less in size (PM10)/yr  Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average  See b)(2)a. and b)(2)b.
b.	OAC rule 3745-31-05 (A)(3), as effective 12/1/2006	See b)(2)c.
c.	OAC rule 3745-17-07(B)	See b)(2)d.
d.	OAC rule 3745-17-08 (B)	See b)(2)e.

- a. Best Available Technology (BAT) control requirements for this emissions unit have been determined to be use of mineral oil and an adjustable spout. BAT requirements also include compliance with the terms and conditions of this permit.

b. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutant less than ten tons per year. However, that rule revision has not yet been approved by U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006 version of 3745-31-05, then these emission limits/control measures no longer apply.

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

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM10 from this air contaminant source since the uncontrolled potential to emit for PM10 is less than ten tons per year.

The potential to emit for this emissions unit is 0.05 ton PM10/yr and was determined by multiplying a maximum grain throughput of 164,300 tons/yr by an AP-42 emissions factor of 0.0022 lb PM10/ton from section 9.9.1-1, dividing by 2000 lbs/ton and applying a 75% control factor for use of mineral oil and adjustable chute.

d. 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).

e. 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) The maximum throughput for this emissions unit shall not exceed 164,300 tons grain per year.

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 fugitive particulate emissions from the rail car loading 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:

- a. the location and color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item d)(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) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The PER shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (2) The permittee shall additionally identify the following information in the annual PER in accordance with the monitoring requirements in section d)(2):
  - a. all days during which any visible fugitive particulate emissions were observed from the rail car 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  
0.05 ton fugitive PM10/yr

Applicable Compliance Method

The annual fugitive PM10 limitation was developed by multiplying the maximum annual grain throughput of 164,300 tons by an emission factor of 0.0022 lb of PM10/ton of grain (AP-42 Table 9.9.1-1 [5/03]), and applying a 75% control efficiency for use of mineral oil and/or adjustable spouts, then dividing by 2000 lbs/ton. Therefore, provided compliance with the requirement for mineral oil and/or adjustable spout use and the annual grain throughput is shown, compliance with the annual emission limitation shall also be demonstrated.

- b. Emission Limitation  
Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method

If required, compliance shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745017-03.

- g) Miscellaneous Requirements

- (1) None.