



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

8/6/2015

Certified Mail

Max Perry
Heritage Cooperative
304 Bloomfield Ave.
Urbana, OH 43078

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

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0180010420
Permit Number: P0119032
Permit Type: Initial Installation
County: Union

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO 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
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Central District Office at (614)728-3778 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



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

Cc: Ohio EPA-CDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Heritage Cooperative**

Facility ID:	0180010420
Permit Number:	P0119032
Permit Type:	Initial Installation
Issued:	8/6/2015
Effective:	8/6/2015
Expiration:	6/19/2025



Division of Air Pollution Control
Permit-to-Install and Operate
for
Heritage Cooperative

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Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0119032
Facility ID: 0180010420
Effective Date: 8/6/2015

Authorization

Facility ID: 0180010420
Application Number(s): A0053583
Permit Number: P0119032
Permit Description: Initial permit for a grain elevator and fertilizer blending plant.
Permit Type: Initial Installation
Permit Fee: \$6,150.00
Issue Date: 8/6/2015
Effective Date: 8/6/2015
Expiration Date: 6/19/2025
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Heritage Cooperative
15090 Scottslawn Road
Marysville, OH 43040-9514

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

Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

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


Craig W. Butler
Director



Authorization (continued)

Permit Number: P0119032
 Permit Description: Initial permit for a grain elevator and fertilizer blending plant.

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: | Grain receiving |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | F002 |
| Company Equipment ID: | Zimmerman grain dryer |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |

Group Name: Fertilizer Handling Operations

Emissions Unit ID:	F005
Company Equipment ID:	Fertilizer
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F006
Company Equipment ID:	Fertilizer Mixing
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F007
Company Equipment ID:	Fertilizer Load-Out
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

Group Name: Grain Load-out

Emissions Unit ID:	F003
Company Equipment ID:	Grain load-out (truck)
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F004
Company Equipment ID:	Grain Load Out (Railcar)
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0119032
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Effective Date: 8/6/2015

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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. 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 of this permit 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 [DO/LAA] 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 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 emission 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.

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.



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0119032
Facility ID: 0180010420
Effective Date: 8/6/2015

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) 2. and 3.
 - 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.
2. To avoid state modeling requirements, the emissions of PM_{10} from emissions units F001 through F008, combined, shall not exceed 15 tons per year. The Emissions Unit Terms and Conditions for emissions units F001 through F008 are sufficient to demonstrate compliance with this facility-wide emissions limitation.
3. To avoid state modeling requirements, the emissions of $PM_{2.5}$ from emissions units F001 through F008, combined, shall not exceed 10 tons per year. The Emissions Unit Terms and Conditions for emissions units F001 through F008 are sufficient to demonstrate compliance with this facility-wide emissions limitation.



Final Permit-to-Install and Operate
Heritage Cooperative
Permit Number: P0119032
Facility ID: 0180010420
Effective Date: 8/6/2015

C. Emissions Unit Terms and Conditions

1. F001, Grain receiving, transferring, conveying, screening and cleaning

Operations, Property and/or Equipment Description:

Two (2) grain receiving pits inside a building. Transferring and conveying system with screening and cleaning.

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. b)(1)c., c)(1), d)(2), f)(1)b. and f)(1)c.

(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) [Best Available Technology for PM ₁₀ and PM _{2.5} .]	See b)(2)a. and b)(2)b. below.
b.	OAC rule 3745-31-05(A)(3)(a)(ii)	The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM ₁₀ , and PM _{2.5} emissions from this air contaminant source since the controlled potentials to emit are less than 10 tons per year. See b)(2)c. below.
c.	OAC rule 3745-31-05(E) [State-only enforceable limitations to avoid modeling]	PM ₁₀ emissions shall not exceed 1.76 tons per year. PM _{2.5} emissions shall not exceed 0.30 ton per year. See b)(2)a. and c)(1) below.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	40 CFR Part 60, Subpart DD	See b)(2)d. and b)(2)e. below.
e.	40 CFR Part 60, Subpart A	See b)(2)f. below.

(2) Additional Terms and Conditions

- a. The permittee shall employ the following work practices:
 - i. use of mineral oil and a 3-sided enclosure during grain receiving;
 - ii. use of mineral oil and a totally enclosed system during grain transferring and conveying; and
 - iii. use of mineral oil during grain cleaning.
- b. These BAT requirements apply until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).
- c. This requirement applies once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- d. Fugitive emissions from any truck unloading station shall not exceed 5 percent opacity.
- e. Fugitive emissions from any grain handling operation shall not exceed 0 percent opacity.
- f. The permittee shall demonstrate compliance with the applicable limitations identified in 40 CFR Part 60, Subpart DD in accordance with the General Provisions of the Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subpart A (60.1 through 60.19).

c) Operational Restrictions

- (1) The annual grain throughput shall not exceed 335,000 tons per year.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of the date and reason any element of a required work practice for this emissions unit was not implemented.
- (2) The permittee shall maintain monthly records of the following:
 - a. the total grain throughput, in tons per month; and
 - b. the total grain throughput to date for the calendar year, in tons.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA, Central District Office by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.
- (3) NSPS Reporting Requirements

The permittee shall comply with all applicable reporting requirements established pursuant to 40 CFR Part 60, Subpart DD, including the following sections:

60.7(a)(1)	Construction date (no later than 30 days after such date)
60.7(a)(3)	Actual start-up date (within 15 days after such date)
60.7(a)(4)	Increase in emissions rate (no later than 60 days before change is commenced)
60.7(a)(6)	Date of performance testing (no later than 30 days prior to testing)

f) Testing Requirements

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

a. Emissions Limitations

Fugitive emissions from any truck unloading station shall not exceed 5 percent opacity.

Fugitive emissions from any grain handling operation shall not exceed 0 percent opacity.

Applicable Compliance Method

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup
- ii. The emission testing shall be conducted to demonstrate compliance with the opacity limitations.

- iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

Opacity, Method 9 of 40 CFR Part 60, Appendix A

- iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.

- v. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

- vi. Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

- vii. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

b. Emissions Limitation

PM₁₀ emissions shall not exceed 1.76 tons per year.

Applicable Compliance Method

The annual PM₁₀ emissions limitation was established by summing the maximum annual emissions from grain receiving, grain transferring and conveying, and grain cleaning.

The maximum annual emissions from grain receiving were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.059 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 60% for the use of a 3-sided enclosure, then dividing by 2,000 pounds per ton.

The maximum annual emissions from grain transferring and conveying were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.034 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 70% for the use of a totally enclosed system, then dividing by 2,000 pounds per ton.

The maximum annual emissions from grain cleaning were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.019 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying a control efficiency of 80% for the use of mineral oil, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM₁₀ emissions limitation shall be determined based on demonstrating compliance with the work practice requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

c. Emissions Limitation

PM_{2.5} emissions shall not exceed 0.30 ton per year.

Applicable Compliance Method

The annual PM_{2.5} emissions limitation was established by summing the maximum annual emissions from grain receiving, grain transferring and conveying, and grain cleaning.

The maximum annual emissions from grain receiving were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.010 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 60% for the use of a 3-sided enclosure, then dividing by 2,000 pounds per ton.

The maximum annual emissions from grain transferring and conveying were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.0058 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 70% for the use of a totally enclosed system, then dividing by 2,000 pounds per ton.

The maximum annual emissions from grain cleaning were calculated by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.0032 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying a control efficiency of 80% for the use of mineral oil, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM_{2.5} emissions limitation shall be determined based on demonstrating compliance with the work practice



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requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

- g) Miscellaneous Requirements
 - (1) None.

2. F002, Zimmerman grain dryer

Operations, Property and/or Equipment Description:

4,700 bushels per hour column 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. b)(1)d., b)(2)d., c)(1), d)(2), f)(1)b. and f)(1)c.

(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) [Best Available Technology for CO and NOx]	BAT for CO and NOx has been established as the following: The usage of natural gas in this emissions unit shall not exceed 396 million standard cubic feet per rolling, 12-month period. See b)(2)a. below.
b.	OAC rule 3745-31-05(A)(3) [Best Available Technology for VOC, SO ₂ , PM ₁₀ and PM _{2.5}]	BAT for VOC and SO ₂ has been established as the following: The usage of natural gas in this emissions unit shall not exceed 396 million standard cubic feet per rolling, 12-month period. BAT for PM ₁₀ and PM _{2.5} has been established as the use of mineral oil.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		See b)(2)a. and b)(2)b. below.
c.	OAC rule 3745-31-05(A)(3)(a)(ii)	The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the VOC, SO ₂ , PM ₁₀ and PM _{2.5} emissions from this air contaminant source since the controlled potentials to emit are less than 10 tons per year. See b)(2)c. below.
d.	OAC rule 3745-31-05(E) [State-only enforceable limitations to avoid modeling]	PM ₁₀ emissions shall not exceed 1.84 tons per year. PM _{2.5} emissions shall not exceed 0.31 ton per year. See b)(2)d. and c)(1) below.
e.	40 CFR Part 60, Subpart DD	See b)(2)e. below.
f.	40 CFR Part 60, Subpart A	See b)(2)f. below.

(2) Additional Terms and Conditions

- a. The natural gas throughput limitation was established to reflect the maximum potential throughput for this emissions unit. It is not necessary to develop monitoring and/or recordkeeping requirements to ensure compliance with this limitation.
- b. These BAT requirements apply until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).
- c. This requirement applies once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- d. The permittee shall employ the use of mineral oil during grain drying.
- e. Fugitive emissions from any column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch) shall not exceed 0 percent opacity.
- f. The permittee shall demonstrate compliance with the applicable limitations identified in 40 CFR Part 60, Subpart DD in accordance with the General Provisions of the Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subpart A (60.1 through 60.19).

c) Operational Restrictions

(1) The annual grain throughput shall not exceed 335,000 tons per year.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the date and reason mineral oil was not used during grain drying.

(2) The permittee shall maintain monthly records of the following:

- a. the total grain throughput, in tons per month; and
- b. the total grain throughput to date for the calendar year, in tons.

e) Reporting Requirements

(1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

(2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA, Central District Office by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(3) NSPS Reporting Requirements

The permittee shall comply with all applicable reporting requirements established pursuant to 40 CFR Part 60, Subpart DD, including the following sections:

60.7(a)(1)	Construction date (no later than 30 days after such date)
60.7(a)(3)	Actual start-up date (within 15 days after such date)
60.7(a)(4)	Increase in emissions rate (no later than 60 days before change is commenced)
60.7(a)(6)	Date of performance testing (no later than 30 days prior to testing)

f) Testing Requirements

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

a. Emissions Limitation

The usage of natural gas in this emissions unit shall not exceed 396 million standard cubic feet per rolling, 12-month period.

Applicable Compliance Method

The natural gas usage limitation was established by multiplying the emission unit's maximum hourly natural gas usage rate (46.1 MMBtu/hr) by 8,760 hr/yr and dividing by the heat content of natural gas (1,020 MMBtu/MMscf).

b. Emissions Limitation

PM₁₀ emissions shall not exceed 1.84 tons per year.

Applicable Compliance Method

The annual PM₁₀ emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.055 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying a control efficiency of 80% for the use of mineral oil, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM₁₀ emissions limitation shall be determined based on demonstrating compliance with the work practice requirement established under b)(2)d. and the annual throughput limitation established under c)(1).

c. Emissions Limitation

PM_{2.5} emissions shall not exceed 0.31 ton per year.

Applicable Compliance Method

The annual PM_{2.5} emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.0094 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying a control efficiency of 80% for the use of mineral oil, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM_{2.5} emissions limitation shall be determined based on demonstrating compliance with the work practice requirement established under b)(2)d. and the annual throughput limitation established under c)(1).

d. Emissions Limitations

Fugitive emissions from any column dryer with column plate perforation exceeding 2.4 mm diameter (ca. 0.094 inch) shall not exceed 0 percent opacity.

Applicable Compliance Method

The permittee shall conduct, or have conducted, emission testing for this emissions unit if the column plate perforation exceeds 2.4 mm diameter (ca. 0.094 inch) in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup
 - ii. The emission testing shall be conducted to demonstrate compliance with the opacity limitations.
 - iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

Opacity, Method 9 of 40 CFR Part 60, Appendix A
 - iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.
 - v. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).
 - vi. Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
 - vii. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.
- g) Miscellaneous Requirements
- (1) None.

3. Emissions Unit Group -Grain Load-out: F003, F004

EU ID	Operations, Property and/or Equipment Description
F003	One (1) overhead truck load-out bin with dust control sock.
F004	One (1) railcar load-out spout w/ sock, in pull through building and dust control system.

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. b)(1)c., c)(1), d)(2), f)(1)a., f)(1)b., f)(1)c. and f)(1)d.

(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) [Best Available Technology for PM ₁₀ and PM _{2.5} .]	See b)(2)a. and b)(2)b. below.
b.	OAC rule 3745-31-05(A)(3)(a)(ii)	The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM ₁₀ , and PM _{2.5} emissions from this air contaminant source since the controlled potentials to emit are less than 10 tons per year. See b)(2)c. below.
c.	OAC rule 3745-31-05(E) [State-only enforceable limitations to avoid modeling]	PM ₁₀ emissions from emissions unit F003 shall not exceed 0.24 ton per year. PM ₁₀ emissions from emissions unit F004 shall not exceed 0.02 ton per year. PM _{2.5} emissions from emissions unit F003



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		shall not exceed 0.04 ton per year. PM _{2.5} emissions from emissions unit F004 shall not exceed 0.003 ton per year. See b)(2)a. and c)(1) below.
d.	40 CFR Part 60, Subpart DD	See b)(2)d. and b)(2)e. below.
e.	40 CFR Part 60, Subpart A	See b)(2)f. below.

(2) Additional Terms and Conditions

- a. The permittee shall employ the following work practices:
 - i. use of mineral oil; and
 - ii. use of an adjustable chute.
- b. These BAT requirements apply until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).
- c. This requirement applies once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.
- d. Fugitive emissions from any truck loading station shall not exceed 10 percent opacity.
- e. Fugitive emissions from any railcar loading station shall not exceed 5 percent opacity.
- f. The permittee shall demonstrate compliance with the applicable limitations identified in 40 CFR Part 60, Subpart DD in accordance with the General Provisions of the Standards of Performance for New Stationary Sources, 40 CFR Part 60, Subpart A (60.1 through 60.19).

c) Operational Restrictions

- (1) The annual grain throughput shall not exceed 335,000 tons per year.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain records of the date and reason any element of a required work practice for this emissions unit was not implemented.



- (2) The permittee shall maintain monthly records of the following:
 - a. the total grain throughput, in tons per month; and
 - b. the total grain throughput to date for the calendar year, in tons.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA, Central District Office by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

(3) NSPS Reporting Requirements

The permittee shall comply with all applicable reporting requirements established pursuant to 40 CFR Part 60, Subpart DD, including the following sections:

60.7(a)(1)	Construction date (no later than 30 days after such date)
60.7(a)(3)	Actual start-up date (within 15 days after such date)
60.7(a)(4)	Increase in emissions rate (no later than 60 days before change is commenced)
60.7(a)(6)	Date of performance testing (no later than 30 days prior to testing)

f) Testing Requirements

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

a. Emissions Limitation

PM₁₀ emissions from emissions unit F003 shall not exceed 0.24 ton per year.

Applicable Compliance Method

The annual PM₁₀ emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.029 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 75% for the use of an adjustable chute, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM₁₀ emissions limitation shall be determined based on demonstrating compliance with the work practice requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

b. Emissions Limitation

PM₁₀ emissions from emissions unit F004 shall not exceed 0.02 ton per year.

Applicable Compliance Method

The annual PM₁₀ emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.0022 pound of PM₁₀ per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 75% for the use of an adjustable chute, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM₁₀ emissions limitation shall be determined based on demonstrating compliance with the work practice requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

c. Emissions Limitation

PM_{2.5} emissions from emissions unit F003 shall not exceed 0.04 ton per year.

Applicable Compliance Method

The annual PM_{2.5} emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.0049 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 75% for the use of an adjustable chute, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM_{2.5} emissions limitation shall be determined based on demonstrating compliance with the work practice requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

d. Emissions Limitation

PM_{2.5} emissions from emissions unit F004 shall not exceed 0.003 ton per year.

Applicable Compliance Method

The annual PM_{2.5} emissions limitation was established by multiplying the maximum annual grain throughput of 335,000 tons by an emission factor of 0.00037 pound of PM_{2.5} per ton of grain from AP-42, Table 9.9.1-1 (revised 03/03), then applying control efficiencies of 80% for the use of mineral oil and 75% for the use of an adjustable chute, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM_{2.5} emissions limitation shall be determined based on demonstrating compliance with the work practice requirements established under b)(2)a. and the annual throughput limitation established under c)(1).

e. Emissions Limitations

Fugitive emissions from any truck loading station shall not exceed 10 percent opacity.

Fugitive emissions from any railcar loading station shall not exceed 5 percent opacity.

Applicable Compliance Method

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

- i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup
- ii. The emission testing shall be conducted to demonstrate compliance with the opacity limitations.
- iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

Opacity, Method 9 of 40 CFR Part 60, Appendix A
- iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Central District Office.
- v. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).
- vi. Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.



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Heritage Cooperative

Permit Number: P0119032

Facility ID: 0180010420

Effective Date: 8/6/2015

- vii. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

g) **Miscellaneous Requirements**

- (1) None.

4. Emissions Unit Group -Fertilizer Handling Operations: F005, F006, F007

EU ID	Operations, Property and/or Equipment Description
F005	Fertilizer Dry Material Receiving (Railcar)
F006	Fertilizer Mixing
F007	Fertilizer Load-Out (Trucks)

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. b)(1)c., c)(1), d)(2), f)(1)a. and f)(1)b.

(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) [Best Available Technology for PM ₁₀ and PM _{2.5} .]	See b)(2)a. and b)(2)b. below.
b.	OAC rule 3745-31-05(A)(3)(a)(ii)	The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the PM ₁₀ , and PM _{2.5} emissions from this air contaminant source since the potentials to emit are less than 10 tons per year. See b)(2)c. below.
c.	OAC rule 3745-31-05(E) [State-only enforceable limitations to avoid modeling]	PM ₁₀ emissions from emissions unit F005 shall not exceed 0.60 ton per year. PM ₁₀ emissions from emissions unit F006 shall not exceed 0.36 ton per year. PM ₁₀ emissions from emissions unit F007



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		shall not exceed 0.36 ton per year. PM _{2.5} emissions from emissions unit F005 shall not exceed 0.60 ton per year. PM _{2.5} emissions from emissions unit F006 shall not exceed 0.36 ton per year. PM _{2.5} emissions from emissions unit F007 shall not exceed 0.36 ton per year. See b)(2)a. and c)(1) below.

(2) Additional Terms and Conditions

a. The permittee shall employ the following work practices:

- i. use of skirts around railcars during fertilizer receiving; and
- ii. use of a totally enclosed building during fertilizer mixing and load-out.

b. These BAT requirements apply until U.S. EPA approves Ohio Administrative Code (OAC) paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) into the Ohio State Implementation Plan (SIP).

c. This requirement applies once U.S. EPA approves OAC paragraph 3745-31-05(A)(3)(a)(ii) (the less than 10 tons per year BAT exemption) as part of the Ohio SIP.

c) Operational Restrictions

(1) The annual fertilizer throughput shall not exceed 60,000 tons per year.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain records of the date and reason any element of a required work practice for this emissions unit was not implemented.

(2) The permittee shall maintain monthly records of the following:

- a. the total fertilizer throughput, in tons per month; and
- b. the total fertilizer throughput to date for the calendar year, in tons.

e) Reporting Requirements

- (1) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- (2) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA, Central District Office 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.

f) Testing Requirements

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

a. Emissions Limitations

PM₁₀ emissions from emissions unit F005 shall not exceed 0.60 ton per year.

PM_{2.5} emissions from emissions unit F005 shall not exceed 0.60 ton per year.

Applicable Compliance Method

The annual PM₁₀ and PM_{2.5} emissions limitations were established by multiplying the maximum annual fertilizer throughput of 60,000 tons by an emission factor of 0.2 pound of particulate emissions (PE) per ton of fertilizer from Ohio EPA's RACM document, Table 2.12-1 (PM₁₀ and PM_{2.5} have been assumed to be equivalent to PE), then applying a reduction of 80% for granular raw material and a control efficiency of 50% for the use of skirts around railcars, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM₁₀ and PM_{2.5} emissions limitations shall be determined based on demonstrating compliance with the work practice requirement established under b)(2)a. and the annual throughput limitation established under c)(1).

b. Emissions Limitations

PM₁₀ emissions from emissions unit F006 shall not exceed 0.36 ton per year.

PM₁₀ emissions from emissions unit F007 shall not exceed 0.36 ton per year.

PM_{2.5} emissions from emissions unit F006 shall not exceed 0.36 ton per year.

PM_{2.5} emissions from emissions unit F007 shall not exceed 0.36 ton per year.



Applicable Compliance Method

The annual PM_{10} and $PM_{2.5}$ emissions limitations were established by multiplying the maximum annual fertilizer throughput of 60,000 tons by an emission factor of 0.2 pound of particulate emissions (PE) per ton of fertilizer from Ohio EPA's RACM document, Table 2.12-1 (PM_{10} and $PM_{2.5}$ have been assumed to be equivalent to PE), then applying a reduction of 80% for granular raw material and a control efficiency of 70% for the use of a totally enclosed building, then dividing by 2,000 pounds per ton.

Therefore, compliance with the annual PM_{10} and $PM_{2.5}$ emissions limitations shall be determined based on demonstrating compliance with the work practice requirement established under b)(2)a. and the annual throughput limitation established under c)(1).

- g) Miscellaneous Requirements
 - (1) None.