



State of Ohio Environmental Protection Agency

STREET ADDRESS:

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50 W. Town St., Suite 700
Columbus, Ohio 43215

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P.O. Box 1049
Columbus, OH 43216-1049

3/11/2009

DUANE STAATS
TOWN & COUNTRY CO-OP
813 CLARK AVE
ASHLAND, OH 44805

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0370010296
Permit Number: P0103876
Permit Type: OAC Chapter 3745-31 Modification
County: Richland

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

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.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of \$70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Northwest District Office. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

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

Cc: Ohio EPA-NWDO

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director



**State of Ohio Environmental Protection Agency
Division of Air Pollution Control**

FINAL

**Air Pollution Permit-to-Install and Operate
for
TOWN & COUNTRY CO-OP**

Facility ID: 0370010296
Permit Number: P0103876
Permit Type: OAC Chapter 3745-31 Modification
Issued: 3/11/2009
Effective: 3/11/2009
Expiration: 1/13/2019



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
TOWN & COUNTRY CO-OP

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Final Permit-to-Install and Operate
Permit Number: P0103876
Facility ID: 0370010296
Effective Date: 3/11/2009

Authorization

Facility ID: 0370010296
Application Number(s): A0035944
Permit Number: P0103876
Permit Description: Modification of facility roadways, grain receiving, and loading operations due to an increase in annual grain throughput associated with the installation of a new grain receiving pit.
Permit Type: OAC Chapter 3745-31 Modification
Permit Fee: \$2,900.00
Issue Date: 3/11/2009
Effective Date: 3/11/2009
Expiration Date: 1/13/2019
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

TOWN & COUNTRY CO-OP
489 NORTH MAIN STREET
MANSFIELD, OH 44903

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

Chris Korleski
Director



Authorization (continued)

Permit Number: P0103876
Permit Description: Modification of facility roadways, grain receiving, and loading operations due to an increase in annual grain throughput associated with the installation of a new grain receiving pit.

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: | Plant Roadways and Parking Areas |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | F003 |
| Company Equipment ID: | Grain Loading - Truck |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P901 |
| Company Equipment ID: | Grain Receiving - Truck |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |
| Emissions Unit ID: | P903 |
| Company Equipment ID: | Grain Loading - Railcar |
| Superseded Permit Number: | |
| General Permit Category and Type: | Not Applicable |



State of Ohio Environmental Protection Agency
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Final Permit-to-Install and Operate

Permit Number: P0103876

Facility ID: 0370010296

Effective Date: 3/11/2009

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 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 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



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0103876

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Effective Date: 3/11/2009

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.



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Division of Air Pollution Control

Final Permit-to-Install and Operate

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Effective Date: 3/11/2009

B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

Permit Number: P0103876

Facility ID: 0370010296

Effective Date: 3/11/2009

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.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Final Permit-to-Install and Operate

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Effective Date: 3/11/2009

C. Emissions Unit Terms and Conditions



1. F001, Plant Roadways and Parking Areas

Operations, Property and/or Equipment Description:

Plant Roadways and Parking Areas (modification associated with the installation of a new truck receiving pit which will result in increased annual grain throughput and associated vehicle traffic)

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 operations(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. 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)(a)(ii)	See b)(2)d.
b.	OAC rule 3745-17-08(B)	See b)(2)e.
c.	OAC rule 3745-17-07(B)	See b)(2)f.

(2) Additional Terms and Conditions

a. The paved area that is subject to the terms and conditions of this permit is listed below:

identification	description	road area
B	Truck staging, entrance, exit	5,050 ft ²

b. The unpaved area that is subject to the terms and conditions of this permit is listed below:



identification	description	road area
A	Truck entrance	22,288 ft ²
C	Parking	7,200 ft ²

- c. The “Best Available Technology (BAT)” requirements under OAC rule 3745-31-05(A)(3)(a) are not applicable to the particulate emissions (PE) emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) is an air contaminant that does not involve an established NAAQS.
- d. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the emissions of particulate matter 10 microns or less in size (PM10) from this air contaminant source since the calculated uncontrolled annual emission rate is less than ten tons per year.
- e. This emissions unit is exempt from the requirements in OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A)(3)(a).
- f. This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B) pursuant to OAC rule 3745-17-07(B)(11)(d).

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

- (1) None.

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.

f) Testing Requirements

- (1) None.

g) Miscellaneous Requirements

- (1) None.



2. F003, Grain Loading - Truck

Operations, Property and/or Equipment Description:

Grain Loading - Truck (modification to allow for the installation of a new truck receiving pit resulting in increased annual grain throughput)

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 operations(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. 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)	See b)(2)a.
b.	OAC rule 3745-17-08(B)	See b)(2)c.
c.	OAC rule 3745-17-07(B)	See b)(2)d.

(2) Additional Terms and Conditions

a. Permit to Install and Operate P0103876 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the purpose restricting emissions of particulate matter 10 microns or less in size (PM10) to less than ten tons per year resulting in the avoidance of Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3)(a):

i. an operational throughput restriction on grain for this emissions unit [see c)(1)].

ii. use of mineral oil application [see c)(2)].

b. The "Best Available Technology (BAT)" requirements under OAC rule 3745-31-05(A)(3)(a) are not applicable to the particulate emissions (PE) emitted from this emissions unit. BAT is only applicable to emissions of an air contaminant or



precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) is an air contaminant that does not involve an established NAAQS.

- c. This emissions unit is exempt from the requirements in OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A)(3)(a).
- 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)(d).

c) Operational Restrictions

- (1) The maximum annual grain throughput for emissions unit F003 shall not exceed 14,000 tons.
- (2) All grain loaded through this emissions unit shall have been treated with mineral oil. The mineral oil may be applied at any operation at the grain elevator preceding the loading operation (i.e. oil may be applied at grain receiving operations).

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).
- (2) For each day during which the permittee loads grain through this emissions unit which has not been treated with oil, the permittee shall maintain a record of the amount of grain loaded.

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 submit deviation (excursion) reports that identify each day when grain was loaded through this emissions unit which was not oiled. Each report shall be submitted within 30 days after the deviation occurs.

f) Testing Requirements

- (1) None.

g) Miscellaneous Requirements

- (1) None.



3. P901, Grain Receiving - Truck

Operations, Property and/or Equipment Description:

Grain Receiving/transferring and conveying/screening and cleaning (modification to allow for the installation of a new truck receiving pit resulting in increased annual grain throughput)

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 operations(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. 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)	See b)(2)b.
b.	OAC rule 3745-17-08(B)	See b)(2)d.
c.	OAC rule 3745-17-07(B)	See b)(2)e.
d.	OAC rule 3745-17-07(A)	<u>Existing truck receiving pit only</u> Visible particulate emissions from the stack on the baghouse serving the existing receiving pit shall not exceed 20 percent opacity as a six-minute average, except as specified by rule
e.	OAC rule 3745-17-11(B)	<u>Existing truck receiving pit only</u> (PE) from the stack on the baghouse serving the existing receiving pit shall not exceed 6.03 lbs/hr (PE)/hr

(2) Additional Terms and Conditions

a. Emissions unit P901 consists of an existing truck receiving pit which was installed before 1974. Since the existing pit was install before January 1, 1974 the Best Available Technology (BAT) requirements under OAC rule 3745-31-



05(A)(3)(a) are not applied as a result of this modification involving the install of a new receiving pit. BAT requirements are only applied to operations directly affected by the modification involving the installation of the new receiving pit. It should be noted that BAT requirements for the new receiving pit were avoided through voluntary restrictions [see b)(2)b.]. Also see b)(2)c. for additional information regarding the application of BAT.

The existing pit is controlled by a baghouse and is applicable to particulate emissions standards under OAC rule 3745-17-07(A) and OAC rule 3745-17-11(B).

- b. Permit to Install and Operate P0103876 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the purpose restricting emissions of particulate matter 10 microns or less in size (PM10) to less than ten tons per year resulting in the avoidance of BAT requirements under OAC rule 3745-31-05(A)(3)(a):
 - i. use of a three-sided enclosure for the new truck receiving pit;
 - ii. use of mineral oil for [see c)(1)] and a total enclosure design for the transferring and conveying of any grain unloaded in the new truck receiving pit;
 - iii. use of mineral oil for the screening and cleaning of all grain received [from both the new and existing pits, see c)(2)];
 - iv. total enclosure design for screening and cleaning operations; and
 - v. an operational throughput restriction on grain throughput for this emissions unit [see c)(3)].
- c. The “Best Available Technology (BAT)” requirements under OAC rule 3745-31-05(A)(3)(a) are not applicable to the particulate emissions (PE) associated with the installation of the new truck receiving pit. BAT for the new truck receiving pit is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) is an air contaminant that does not involve an established NAAQS.
- d. This emissions unit is exempt from the requirements in OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A)(3)(a).
- e. 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)(d).
- f. Visible particulate emissions from any stack serving the existing truck receiving pit, shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.



c) Operational Restrictions

- (1) All grain received in the new truck receiving pit shall have been treated with mineral oil.
- (2) All grain processed through the screening and cleaning operations shall be treated with mineral oil. The mineral oil may be applied at any operation at the grain elevator preceding the screening and cleaning operations (i.e. oil may be applied at the grain receiving operations associated with the existing pit).
- (3) The maximum annual grain throughput for emissions unit P901 shall not exceed 156,000 tons for the new and existing truck receiving pits combined.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall maintain monthly records of the amount of grain throughput in the new and existing receiving pits combined (in tons per month and total tons, to date for the calendar year).
- (2) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse serving the existing receiving pit when the receiving pit is in operation. The permittee shall record the pressure drop across the baghouse on weekly basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer=s recommendations, instructions, and operating manual(s). The acceptable pressure range across the baghouse is 1 inch to 8 inches of water while the emissions unit is in operation.

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

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

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

- f. a description of the corrective action;
- g. the date corrective action was completed;



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

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

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

- (3) For each day during which the permittee receives grain in the new receiving pit which has not been treated with oil, the permittee shall maintain a record of the amount of received.
- (4) For each day during which the permittee processes grain through the screening and cleaning operations which have not been treated with oil, the permittee shall maintain a record of the amount of grain screened and cleaned.

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.

In addition to standard requirements for the PER, the permittee shall also identify in the annual PER the following information concerning the operations of the baghouse during the 12-month reporting period for this emissions unit:

- a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);
- b. an identification of each incident of deviation described in "a" above where a prompt investigation was not conducted;
- c. an identification of each incident of deviation described in "a" where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and



- d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.
- (2) The permittee shall submit deviation (excursion) reports that identify the following:
- a. each day when grain received in the new receiving pit was not oiled;
 - b. each day when grain processed through the screening and cleaning operations was not oiled.

Each report shall be submitted within 30 days after the deviation occurs.

f) Testing Requirements

- (1) Compliance with the emissions limitations in section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:

a. Emission Limitation:

Visible particulate emissions from the stack on the baghouse serving the existing receiving pit shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required compliance shall be demonstrated in accordance with OAC rule 3745-17-03(B)(1).

Emission Limitation:

6.03 lbs of particulate emissions (PE)/hr

Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying an AP-42 emission factor of 0.18 lbs PE/ton of grain (Section 9.9.1 (3/2003)), a maximum hourly throughput of 420 tons and applying a capture efficiency of 50% and a removal efficiency of 90% for the use of a baghouse.

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to OAC rule 3745-17-03(B)(10).

g) Miscellaneous Requirements

- (1) None.



4. P903, Grain Loading - Railcar

Operations, Property and/or Equipment Description:

Grain Loading - Railcar (modification to allow for the installation of a new truck receiving pit resulting in increased annual grain throughput)

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 operations(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. 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)	Emissions of particulate matter 10 microns or less in size (PM10) shall not exceed 0.23 lb/hr and 0.02 ton PM10/yr from the baghouse stack See b)(2)a.
b.	OAC rule 3745-17-08(B)	See b)(2)b.
c.	OAC rule 3745-17-07(B)	See b)(2)c.
d.	OAC rule 3745-17-07(A)	Visible particulate emissions from the stack of the baghouse serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as specified by rule
e.	OAC rule 3745-17-11(B)	See b)(2)e.

(2) Additional Terms and Conditions

a. Permit to Install and Operate P0103876 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the



purpose restricting emissions of particulate matter 10 microns or less in size (PM10) to less than ten tons per year resulting in the avoidance of BAT requirements under OAC rule 3745-31-05(A)(3)(a):

- i. use of mineral oil [see c)(1)];
- ii. use of a baghouse control system on the load out spout for the grain loading operations achieving the following;
 - (a) 50% capture efficiency;
 - (b) 90% removal efficiency; and
 - (c) a maximum PM10 emission rate of 0.23 lbs/hr.

All emissions of particulate matter from the fabric filter are PM10.

- iii. use of a telescoping load out spout for the grain loading operations; and
- iv. an operational throughput restriction on grain throughput for this emissions unit [see c)(2)].

The voluntary restrictions in b.ii are also being established as legally and practically enforceable restrictions representing the potential to emit for PM10 from the baghouse stack.

- b. The "Best Available Technology (BAT)" requirements under OAC rule 3745-31-05(A)(3)(a) are not applicable to the particulate emissions (PE) associated with the installation of the new truck receiving pit. BAT for the new truck receiving pit is only applicable to emissions of an air contaminant or precursor of an air contaminant for which a national ambient air quality standard (NAAQS) has been adopted under the Clean Air Act. Particulate emissions (also referred to as total suspended particulate or particulate matter) is an air contaminant that does not involve an established NAAQS.
- c. This emissions unit is exempt from the requirements in OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A)(3)(a).
- 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)(d).
- e. The emission limitation specified by this rule is less stringent than the voluntary emission limitation established in this permit.

c) Operational Restrictions

- (1) All grain loaded through this emissions unit shall be treated with mineral oil. The mineral oil may be applied at any operation at the grain elevator preceding the loading operations (i.e. oil may be applied at the grain receiving operations).
- (2) The maximum annual grain throughput for emissions unit P903 shall not exceed 156,000 tons.



d) Monitoring and/or Recordkeeping Requirements.

- (1) The permittee shall maintain monthly records of the amount of grain throughput for this emissions unit (in tons per month and total tons, to date for the calendar year).
- (2) For each day during which the permittee loads grain through this emissions unit which has not been treated with oil, the permittee shall maintain a record of the amount of grain loaded.
- (3) The permittee shall properly install, operate, and maintain equipment to continuously monitor the pressure drop, in inches of water, across the baghouse serving the existing receiving pit when the receiving pit is in operation. The permittee shall record the pressure drop across the baghouse on weekly basis. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The acceptable pressure range across the baghouse is 1 inch to 8 inches of water while the emissions unit is in operation.

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

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

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

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



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

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

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.

In addition to standard requirements for the PER, the permittee shall also identify in the annual PER the following information concerning the operations of the baghouse during the 12-month reporting period for this emissions unit:

- a. each period of time when the pressure drop across the baghouse(s) was outside the acceptable range(s);
 - b. an identification of each incident of deviation described in “a” above where a prompt investigation was not conducted;
 - c. an identification of each incident of deviation described in “a” where prompt corrective action, that would bring the pressure drop into compliance with the acceptable range(s), was determined to be necessary and was not taken; and
 - d. an identification of each incident of deviation described in (a) where proper records were not maintained for the investigation and/or the corrective action.
- (2) The permittee shall submit deviation (excursion) reports that identify each day when grain was loaded through this emissions unit which was not oiled. Each report shall be submitted within 30 days after the deviation occurs.

f) Testing Requirements

- (1) Compliance with the emissions limitations in section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:



a. Emission Limitation:

Visible particulate emissions from the baghouse stack serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

If required compliance shall be demonstrated in accordance with OAC rule 3745-17-03(B)(1).

b. Emission Limitation:

PM10 shall not exceed 0.23 lb/hr from the baghouse stack serving this emissions unit

Applicable Compliance Method:

The permittee shall demonstrate compliance by multiplying an AP-42 emission factor of 0.027 lbs PE/ton of grain (Section 9.9.1 (3/2003)), a maximum hourly throughput of 840 tons and applying a control efficiency of 80% for use of mineral oil, a capture efficiency of 50% and a removal efficiency of 90% for the use of a baghouse.

If required, the permittee shall demonstrate compliance in accordance with the test methods and procedures in Methods 201/201A of 40 CFR Part 51, Appendix M. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA, Northwest District Office.

c. Emission Limitation:

PM10 emissions shall not exceed 0.02 ton/yr from the baghouse stack serving this emissions unit.

Applicable Compliance Method:

The permittee shall demonstrate compliance by applying a 50% capture efficiency and 90% removal efficiency to 0.42 ton/yr of emissions of particulate matter generated from railcar grain loading operations. Emissions of particulate matter generated by railcar loading operations were determined by multiplying an AP-42 emission factor of 0.027 lb PE/ton of grain [Section 9.9.1 (3/2003)] by a maximum annual grain throughput of 156,000 tons and applying an 80% control efficiency for the requirement to apply oil for dust control. Therefore provided compliance is shown with the maximum annual grain throughput restriction along with baghouse and oiling control requirements, compliance with the annual emission limitation will be assumed.

g) Miscellaneous Requirements

(1) None.