



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

8/26/2015

Certified Mail

Ms. Erika Saad
MARS PETCARE US, INC.
PO Box 683006
Franklin, TN 37068

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	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: 0125040539
Permit Number: P0104981
Permit Type: Renewal
County: Franklin

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
MARS PETCARE US, INC.**

Facility ID:	0125040539
Permit Number:	P0104981
Permit Type:	Renewal
Issued:	8/26/2015
Effective:	8/26/2015
Expiration:	8/26/2025



Division of Air Pollution Control
Permit-to-Install and Operate
for
MARS PETCARE US, INC.

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Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

Authorization

Facility ID: 0125040539
Application Number(s): A0013059, A0013060, A0037604, A0050418
Permit Number: P0104981
Permit Description: PTIO renewal permit for pet food manufacturing processes.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 8/26/2015
Effective Date: 8/26/2015
Expiration Date: 8/26/2025
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

MARS PETCARE US, INC.
5115 FISHER RD
COLUMBUS, OH 43228

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: P0104981
Permit Description: PTIO renewal permit for pet food manufacturing processes.

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

Emissions Unit ID:	B003
Company Equipment ID:	Low NOx Gas - 59.5
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	F001
Company Equipment ID:	Roadways and Parking
Superseded Permit Number:	01-7467
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P004
Company Equipment ID:	Pneu. Conveying Sys.
Superseded Permit Number:	P0082723
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P012
Company Equipment ID:	Bulk Dry Unloading & Storage System
Superseded Permit Number:	P0082723
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P013
Company Equipment ID:	Bag Dump & Dry Material Batching
Superseded Permit Number:	01-08091
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P014
Company Equipment ID:	Flour System Receiving
Superseded Permit Number:	P0082723
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P015
Company Equipment ID:	Plasma/Gluten Material Hand.
Superseded Permit Number:	P0082723
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P024
Company Equipment ID:	Super Sack
Superseded Permit Number:	01-08091
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P025
Company Equipment ID:	Colors
Superseded Permit Number:	01-08091
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P027
Company Equipment ID:	Pasta/ Vegetable System
Superseded Permit Number:	01-08199
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P030



Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

Company Equipment ID: P030
Superseded Permit Number: 01-01299
General Permit Category and Type: Not Applicable



Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

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
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

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) 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.



Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

C. Emissions Unit Terms and Conditions



1. B003, Low NOx Gas - 59.9 MMBtu/hr Natural Gas-Fired Boiler

Operations, Property and/or Equipment Description:

59.9 MMBtu/hr Natural Gas-Fired Boiler

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.
b.	OAC rule 3745-17-10(B)(1)	Particulate emissions shall not exceed 0.020 pound per million Btu of actual heat input.
c.	OAC rule 3745-31-05(A)(3)	Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity. Nitrogen oxides (NOx) emissions shall not exceed 0.10 pound per million Btu. The permittee shall install low NOx burners. Particulate emissions shall not exceed



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.02 pound per million Btu. The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Dc. See c)(1) below.
d.	40 CFR Part 60, Subpart Dc	See c)(1) below.

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The permittee shall burn only natural gas in this emissions unit.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall record and maintain daily records of the amounts of each fuel combusted in each steam generating unit, except monthly fuel usage records may be maintained as an alternative when meeting the requirements of 40 CFR 60.48c(g)(2) or (3).

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 Ohio EPA, Central District Office.

(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) The permittee shall comply with the applicable notification(s), report(s) and record(s) as specified in 40 CFR Part 60, Subpart Dc, in accordance with 40 CFR 60.48c.

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

Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity.



Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.

b. Emissions Limitation

Particulate emissions shall not exceed 0.020 pound per million Btu of actual heat input.

Applicable Compliance Method

The permittee may demonstrate compliance with the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.4, Table 1.4-2 (7/98). Compliance with the lb/MMBtu emission limitation may be determined by converting the 1.9lbPE/10⁶scf natural gas emission factor into lbPE/MMBtu by dividing by 1,020 Btu/10⁶scf natural gas.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

c. Emissions Limitation

Nitrogen oxides (NO_x) emissions shall not exceed 0.10 pound per million Btu.

The permittee shall install low NO_x burners.

Applicable Compliance Method

The permittee may demonstrate compliance based on the manufacturer's design specification of 0.08 pound of NO_x per million Btu.

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1-4 and 7E.

g) Miscellaneous Requirements

- (1) None.

2. F001, Unpaved Parking Areas and Paved Roadways and Parking Areas

Operations, Property and/or Equipment Description:

Unpaved Parking Areas and Paved Roadways and Parking Areas

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(B)	The emissions limitations specified by this rule are less stringent than the emissions limitations established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-08(B)	See b)(2)a. through b)(2)g. below.
c.	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions from paved roadways and parking areas shall not exceed 2.9 tons per year.</p> <p>Particulate emissions from unpaved parking areas shall not exceed 1.52 tons per year.</p> <p>There shall be no visible particulate emissions from paved roadways and parking areas except for one minute during any 60-minute period.</p> <p>There shall be no visible particulate</p>

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>emissions from unpaved parking areas except for three minutes during any 60-minute period.</p> <p>The permittee shall implement best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. See b)(2)a. through b)(2)h. below.</p>

(2) Additional Terms and Conditions

- a. The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the paved roadways and parking areas by flushing and sweeping at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- b. The permittee shall employ best available control measures on all unpaved shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved shoulders of all paved roadways with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- c. The permittee shall employ best available control measures on all unpaved parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee has committed to treat the unpaved parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- d. The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for paved and unpaved roadways and parking areas that are covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- e. Any unpaved parking area, that during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of



dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved parking area that takes the characteristics of a paved parking area due to the application of certain types of dust suppressants shall remain subject to the visible emissions limitation for unpaved parking areas. Any unpaved parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

- f. The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- g. Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- h. Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

c) Operational Restrictions

- (1) None.

d) Monitoring and/or Recordkeeping Requirements

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

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

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

- (3) The permittee shall maintain records of the following information:
- a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

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

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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 Limitation

Particulate emissions from paved roadways and parking areas shall not exceed 2.9 tons per year.

Applicable Compliance Method

Compliance with the particulate emissions limitation shall be determined by using the emission factor equations in AP-42 Section 13.2.1 for paved roads and the RACM control factors for flushing (80%) and sweeping (70%).

b. Emissions Limitation

Particulate emissions from unpaved parking areas shall not exceed 1.52 tons per year.



Applicable Compliance Method

Compliance with the particulate emissions limitation shall be determined by using the emission factor equations in AP-42 Section 13.2.2 for unpaved roads and the RACM control factor for water (50%).

c. Emissions Limitations

There shall be no visible particulate emissions from paved roadways and parking areas except for one minute during any 60-minute period.

There shall be no visible particulate emissions from unpaved parking areas except for three minutes during any 60-minute period.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitations listed above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

g) **Miscellaneous Requirements**

- (1) None.

3. P004, Pneu. Conveying Sys.

Operations, Property and/or Equipment Description:

Raw Ingredient Conveyance Filter Receiver

- a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - (1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - a. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.14 pound per hour and 0.61 ton per year. See b)(2)a. below.

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from this emissions unit to a cyclone and fabric filter in series.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated fabric filter in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

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

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emissions Limitation

Particulate emissions shall not exceed 0.14 pound per hour and 0.61 ton per year.



Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (1.4 TPH) by the controlled emissions factor (0.0116 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.

If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

- g) Miscellaneous Requirements
 - (1) None.



4. P012, Bulk Dry Unloading & Storage System

Operations, Property and/or Equipment Description:

Gluten and Peel Storage and Weighing (Silos #3 & #4)

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.
b.	OAC rule 3745-17-11(B), Table I	Particulate emissions shall not exceed 12.0 pounds per hour.

(2) Additional Terms and Conditions

a. The permittee shall vent the particulate emissions from silo filling to a bin vent filter and the particulate emissions from material weighing to a fabric filter.

c) Operational Restrictions

(1) None.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
- (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
- (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
- (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

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

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

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

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emissions Limitation

Particulate emissions shall not exceed 12.0 pounds per hour.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate of the conveyance of each ingredient through this emissions unit (5 TPH) by the total number of stacks (4) and multiplying by the controlled emissions factor (0.0116 lb/ton) derived from the stack test performed for this emissions unit on July 14 and 15, 1999.

If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.



Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

- g) Miscellaneous Requirements
 - (1) None.

5. P013, Bag Dump & Dry Material Batching

Operations, Property and/or Equipment Description:

Bag dump and manual batching

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.16 pound per hour and 0.70 ton per year. There shall be no visible particulate emissions from this emissions unit. See b)(2)a. below.

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from this emissions unit to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.16 pound per hour and 0.70 ton per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum combined process weight rate of all the manual bag dump stations associated with this emissions unit (1.9 TPH) by the controlled emissions factor (0.025 lb/ton) derived from the stack test performed for this emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.

6. P014, Flour System Receiving

Operations, Property and/or Equipment Description:

Flour Receiving 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. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.37 pound per hour and 1.6 tons per year.</p> <p>There shall be no visible particulate emissions from this emissions unit.</p> <p>See b)(2)a. below.</p>

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from silo filling to a bin vent filter and the particulate emissions from material weighing to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.37 pound per hour and 1.6 tons per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (16 TPH) by the total number of stacks (2) and multiplying by the controlled emissions factor (0.0116 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.

7. P015, Plasma/Salt Material Hand.

Operations, Property and/or Equipment Description:

Plasma and Salt Material Handling 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. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.44 pound per hour and 1.9 tons per year.</p> <p>There shall be no visible particulate emissions from this emissions unit.</p> <p>See b)(2)a. below.</p>

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from silo filling to a bin vent filter and the particulate emissions from material weighing to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.44 pound per hour and 1.9 tons per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (8.8 TPH) by the number of stacks per ingredient (2) and multiplying by the controlled emissions factor (0.025 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.

8. P024, Super Sack

Operations, Property and/or Equipment Description:

Super sack 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. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.6 pound per hour and 2.63 tons per year. There shall be no visible particulate emissions from this emissions unit. See b)(2)a. below.

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from this emissions unit to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.6 pound per hour and 2.63 tons per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (15 TPH) by the controlled emissions factor (0.025 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.



9. P025, Colors

Operations, Property and/or Equipment Description:

Colors system - used for the dying of various ingredients or products of pet food manufacturing

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.11 pound per hour and 0.48 ton per year. There shall be no visible particulate emissions from this emissions unit. See b)(2)a. below.

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from this emissions unit to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.11 pound per hour and 0.48 ton per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (5 TPH) by the controlled emissions factor (0.0116 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.

10. P027, Pasta/ Vegetable System

Operations, Property and/or Equipment Description:

Pasta vegetable 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. None.
 - (2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - a. None.
- b) Applicable Emissions Limitations and/or Control Requirements
 - (1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 0.05 pound per hour and 0.22 ton per year.</p> <p>There shall be no visible particulate emissions from this emissions unit.</p> <p>See b)(2)a. below.</p>

- (2) Additional Terms and Conditions
 - a. The permittee shall vent the particulate emissions from this emissions unit to a fabric filter.
- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emissions incident has occurred. The observer does not have to document the exact start and end times for the visible emissions incident under item (d) above or continue the weekly check until the incident has ended. The observer may indicate that the visible emissions incident was continuous during the

observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

a. Emissions Limitation

Particulate emissions shall not exceed 0.05 pound per hour and 0.22 ton per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (2 TPH) by the controlled emissions factor (0.025 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.



If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emissions Limitation

There shall be no visible particulate emissions from this emissions unit.

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 22.

g) Miscellaneous Requirements

- (1) None.



11. P030, P030

Operations, Property and/or Equipment Description:

System 7 - Peas/Cereal System Expansion with filters

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

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

a. None.

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

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(s), property, and/or equipment that constitute each emissions unit along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07(A)	Visible particulate emissions from the stack serving this emissions unit shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.
b.	OAC rule 3745-17-11(B)	The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
c.	OAC rule 3745-31-05(A)(3)	Particulate emissions shall not exceed 0.066 pound per hour and 0.29 ton per year.

(2) Additional Terms and Conditions

a. The permittee shall vent the particulate emissions from this emissions unit to a fabric filter.

- c) Operational Restrictions
 - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
 - (1) The permittee shall perform weekly roof inspections, when the weather conditions allow, to determine if process dust from this emissions unit is on top of the roof. The presence of dust on top of the roof during the roof inspections shall trigger an investigation to determine if the control equipment is functioning properly and to determine if maintenance work in accordance with the manufacturer's recommendations is needed.
 - (2) The permittee shall maintain this emissions unit and its associated filter(s) in accordance with good engineering practices and the manufacturer's recommendations in order to minimize air contaminant emissions.
 - (3) The permittee shall record the following information for each 4-week period:
 - a. dates and number of sock changes;
 - b. dates of roof inspections and findings regarding the presence of dust emissions on the roof; and
 - c. dates and descriptions of work performed on the control equipment.
 - (4) The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emissions incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

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

emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

e) Reporting Requirements

- (1) The 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 Ohio EPA, Central District Office.
- (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) The permittee shall identify the following information in the annual PER in accordance with the monitoring requirements for visible emissions in d)(4) above:
 - a. all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit; and
 - b. any corrective actions taken to minimize or eliminate the visible particulate emissions.

f) Testing Requirements

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

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

Applicable Compliance Method

If required, compliance with the visible particulate emissions limitation shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.
 - b. Emissions Limitation

Particulate emissions shall not exceed 0.066 pound per hour and 0.29 ton per year.

Applicable Compliance Method

Compliance with the hourly emissions limitation may be determined by multiplying the maximum process weight rate (2.64 TPH) by the controlled emissions factor (0.025 lb/ton) derived from the stack test performed for a similar emissions unit on July 14 and 15, 1999.



Final Permit-to-Install and Operate
MARS PETCARE US, INC.
Permit Number: P0104981
Facility ID: 0125040539
Effective Date: 8/26/2015

The annual emissions limitation was established by multiplying the hourly emissions limitation by 8,760 hr/yr and dividing by 2,000 lb/ton. Compliance with this emissions limitation may be assumed provided the permittee complies with the hourly emissions limitation.

If required, the permittee shall demonstrate compliance in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

g) Miscellaneous Requirements

- (1) None.