



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

03/27/02

CERTIFIED MAIL

RE: Final Title V Chapter 3745-77 permit

03-81-00-0011
Central Soya Company - Delphos
Mel Holder
234 S. Jefferson Street
P.O. Box 485
Delphos, OH 45833

Dear Mel Holder:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

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 Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final 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. It must be filed with the Environmental Review Appeals Commission within thirty (30) days after notice of the Director's action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. It is also requested by the Director that a copy of the appeal be served upon the Environmental Enforcement Section of the Office of the Attorney General. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street
Room 300
Columbus, Ohio 43215

If you have any questions, please contact Northwest District Office.

Very truly yours,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: Northwest District Office
File, DAPC PMU



State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: 03/27/02

Effective Date: 03/27/02

Expiration Date: 03/27/07

This document constitutes issuance of a Title V permit for Facility ID: 03-81-00-0011 to:
Central Soya Company - Delphos
234 S. Jefferson Street
P.O. Box 485
Delphos, OH 45833

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

Table with 3 columns: Emissions Unit ID (Company ID), Emissions Unit Activity Description, and Emissions Unit Activity Description. Rows include B001 (Coal Fired Boiler), P001 (Crackers), P002 (Flakers), P004 (Dehulling), P006 (Hull Refining), P009 (Soybean Meal System), P016 (Truck Receiving), P017 (Rail Receiving), P019 (Millfeed Grinding Conveying & Storage), P028 (Truck Meal Loadout), P029 (Rail Meal Loadout), P031 (DTDC), P034 (Grain Dryer), and P035 (Bean Cleaning & Pod Grinding/Storage).

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

Handwritten signature of Christopher Jones
Christopher Jones

Director

PART I - GENERAL TERMS AND CONDITIONS

A. *State and Federally Enforceable Section*

1. **Monitoring and Related Record Keeping and Reporting Requirements**

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
 - i. The date, place (as defined in the permit), and time of sampling or measurements.
 - ii. The date(s) analyses were performed.
 - iii. The company or entity that performed the analyses.
 - iv. The analytical techniques or methods used.
 - v. The results of such analyses.
 - vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
 - i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
 - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. These quarterly written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset condition, of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upset conditions.

Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

(Authority for term: OAC rule 3745-77-07(A)(4))

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

(Authority for term: OAC rule 3745-77-07(A)(5))

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

(Authority for term: OAC rule 3745-77-07(A)(6))

6. General Requirements

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.

(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.

(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.

(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based

on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
 - i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
 - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
 - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
 - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
 - i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
 - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
 - i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.
 - ii. Compliance certifications shall include the following:
 - (a) An identification of each term or condition of this permit that is the basis of the certification.
 - (b) The permittee's current compliance status.
 - (c) Whether compliance was continuous or intermittent.
 - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.

- (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
- iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.
- b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition;
- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change;
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F);
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes; and
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)

(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.

(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.

(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the “installation” or “modification” of any “air contaminant source,” as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

(Authority for term: OAC rule 3745-77-07(A)(1))

20. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

(Authority for term: OAC rule 3745-77-07(A)(1))

B. State Only Enforceable Section

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a

written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of Federally Enforceable Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

None

B. State Only Enforceable Section

1. The following insignificant emissions unit is located at this facility: kaolin receiving and storage (P027).

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations as well as any emission limitations and/or control requirements contained within a permit to install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Coal Fired Boiler (B001)

Activity Description: Coal fired traveling grate boiler.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
69.4 mmBtu/hour, coal-fired boiler, with baghouse	OAC rule 3745-31-05(A)(3) PTI No. 03-8645	The requirements established pursuant to this rule are equivalent to the requirements of OAC rules 3745-17-07(A), 3745-17-10(B), 3745-18-87(C), 3745-21-08(B) and 3745-23-06(B).
	OAC rule 3745-17-07(A)	Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-10(B)	0.33 pound PE/mmBtu of actual heat input
	OAC rule 3745-18-87(C)	6.7 pounds sulfur dioxide (SO ₂)/mmBtu of actual heat input
	OAC rules 3745-21-08(B) and 3745-23-06(B)	See A.1.2.d.

2. Additional Terms and Conditions

- 2.a Pursuant to OAC rule 3745-17-10, the total heat input for this emissions unit was derated from 85 mmBtu/hr to 69.4 mmBtu/hr. (The derated total heat input of 69.4 mmBtu/hr corresponds to a steam load of 54,624 pounds per hour.) Using the derated total heat input, the allowable PE rate for this emissions unit, from Figure I (curve P-2) of OAC rule 3745-17-10, is 0.33 pound per mmBtu actual heat input.
- 2.b The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.c In addition to coal, the permittee may combust waste lubricating oil, waste soybean oil, and soybean oil sludge in this emissions unit.
- 2.d The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-08 and 3745-23-06, respectively by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in Permit to Install 03-8645.

II. Operational Restrictions

1. The maximum annual supplemental fuel usage for this emissions unit shall not exceed the following :
 - a. 200 gallons of waste lubricating oil; and
 - b. 3,000 gallons of waste soybean oil and soybean oil sludge, combined.
2. The supplemental fuels identified in section A.II.1 shall only be applied to the coal while it is being transferred into the storage silos. No such materials shall be applied to coal which is to be dumped on an outside storage pile.
3. At no time shall the steam flow rate from this emissions unit exceed 54,624 pounds per hour (as an average over any one-hour period).
4. The permittee shall burn the supplemental fuels identified in section A.II.1 that only have been generated on-site. The waste lubricating oil shall meet the following specifications:

contaminant/property	permit allowable concentration
arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
total halogens	1000 ppm, maximum
mercury	1 ppm, maximum
flash point	100 degrees Fahrenheit, minimum
heat content	100,000 Btu/gallon, minimum

5. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.
6. The quality of coal burned in this emissions unit shall meet a sulfur content that is sufficient to comply with the allowable sulfur dioxide emission limitation of 6.7 lbs/mmBtu of actual heat input.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall continuously monitor and record the steam flow rate for this emissions unit. Copies of all steam flow rate charts shall be maintained for a period of 5 years, and shall be made available to the Director (the appropriate Ohio EPA District Office or local air agency) upon verbal or written request.
2. The permittee shall collect or require the coal supplier to collect a representative grab sample of each shipment of coal that is received for burning in this emissions unit. At the end of each calendar month, the representative samples of coal from all shipments of coal which were received during that calendar month shall each be combined (in proportion to the amount of coal in each shipment) into one composite sample.

Each monthly composite sample of coal shall be analyzed for sulfur content (percent) and heat content (Btu/pound of coal). The permittee shall perform or require the supplier to perform the coal sampling in accordance with the most recent version of the following ASTM methods: ASTM method D2234, Collection of a Gross Sample of Coal and analyze the coal sample for sulfur content (percent) and heat content (Btu/pound of coal). The analytical methods for sulfur content and heat content shall be: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal or ASTM method D4239, Sulfur in the Analysis Sample of Coal Using High Temperature Tube Furnace Combustion Methods; and ASTM method D2015, Gross Calorific Value of Solid Fuel by the Adiabatic Bomb Calorimeter, ASTM method D3286, Gross Calorific Value of Coal by the Isothermal Bomb Calorimeter, or ASTM method D1989, Standard Test Method for Gross Calorific Value of Coal by Microprocessor Controlled Isotherm Bomb Calorimeters, respectively. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

3. The permittee shall maintain monthly records of the total quantity of coal received in each shipment and the results of the analyses for sulfur content and heat content and the calculated sulfur dioxide emission rate (in lbs/mmBtu) based upon a volume-weighted average of the calculated sulfur dioxide emission rates for all shipments of coal during a calendar month.

III. Monitoring and/or Record Keeping Requirements (continued)

4. The permittee shall maintain monthly records to demonstrate that the allowable supplemental fuel usage rates were not exceeded. At a minimum, the records shall document the type and amount (in gallons) of waste product applied to the coal, and the dates applied. In addition to these records, the permittee shall maintain, on site, a chemical analysis of the waste lubricating oil (based on a single composite sample taken annually) to show that the specifications contained in section A.II.4 are met.
5. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the hourly steam flow rate restriction of 54,624 pounds. The report shall include the following information:
 - a. the date of the exceedance;
 - b. the time interval over which the exceedance occurred;
 - c. the value of the exceedance;
 - d. the cause(s) of the exceedance;
 - e. the action that has been or will be taken to prevent similar exceedances; and
 - f. a copy of the steam chart which shows the exceedance.

The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 5 days after the deviation occurs.

2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any record that shows a deviation of the allowable sulfur dioxide emission limitation (lb/mmBtu), as shown by the calculated sulfur dioxide emission rates from section A.III.3 above. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the deviation occurs.
3. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any exceedance of the oil specifications as stated in section A.II.4. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 5 days after the deviation occurs.
4. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.
5. The permittee shall submit annual reports that summarize the actual annual gallon usages of waste lubricating oil, and waste soybean oil and soybean oil sludge for this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 1.a The emission testing shall be conducted within 6 months of the expiration of this permit.
 - 1.b The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE.

V. Testing Requirements (continued)

- 1.c** The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate: Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A.
- 1.d** The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
- 2.** Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

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

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

- 3.** Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 3.a** Emission Limitation:
0.33 pound PE/mmBtu of actual heat input

Applicable Compliance Method:

The permittee shall demonstrate compliance with the PE limitation above based upon the results of emission testing conducted in accordance with 40 CFR, Part 60, Appendix A, Methods 1 - 5.

- 3.b** Emission Limitation:
6.7 pounds SO₂/mmBtu of actual heat input

Applicable Compliance Method:

Compliance with the SO₂ emission limitation above shall be demonstrated based upon the record keeping requirements in sections A.III.2 and 3 and the methods outlined in OAC rule 3745-18-04(D)(3)(c).

- 3.c** Emission Limitation:
Visible PE shall not exceed 20 percent opacity as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

- 3.d** Usage Restrictions:
200 gallons of waste lubricating oil/year
3,000 gallons of waste soybean oil and soybean oil sludge/year

Applicable Compliance Method:

Compliance with the usage restrictions above shall be demonstrated based upon the record keeping requirements in section A.III.4 of this permit.

- 3.e** Flow Restriction:
54,624 pounds steam/hour

Applicable Compliance Method:

Compliance with the flow restriction above shall be demonstrated based upon the record keeping requirements in section A.III.1 of this permit.

Facility Name: **Central Soya Company, Inc.**
Facility ID: **03-81-00-0011**
Emissions Unit: **Coal Fired Boiler (B001)**

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Crackers (P001)

Activity Description: Multiple crackers crack soybeans into pieces to prepare for hull removal and flaking.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
soybean cracking and dehulling, with baghouse	OAC rule 3745-31-05(A)(3) (PTI No. 03-4292)	4.22 pounds particulate emissions (PE)/hour The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-11(B)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	See section A.I.2.b. Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
4.22 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the PE limitation above by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (28,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the PE limitation above shall be Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

[Note that emissions unit P004, which does not have a BAT-based PE limitation, is also vented to the same baghouse. To ensure accurate testing for emissions unit P001, emissions unit P004 shall be shut down while emissions unit P001 is being tested.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Flakers (P002)

Activity Description: Multiple flakers press the soybean pieces into flakes before extraction of soybean oil.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
flaking mills, with baghouse	OAC rule 3745-31-05(A)(3) (PTI No. 03-4292)	0.48 pound particulate emissions (PE)/hour
	OAC rule 3745-17-11(B)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	See section A.I.2.c.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b The uncontrolled mass rate of PE from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply because the facility is located in Van Wert County, which is identified as a P-2 county.
- 2.c This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitation in section A.I of the terms and conditions of this permit shall be determined in accordance with the following method:

Emission Limitation:

0.48 pound PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed cyclone-baghouse outlet grain loading (0.10 grain/standard cubic foot) by the maximum air flow rate (4,670 scfm), and then multiplying by 60 and dividing by 7000. The resulting value is then multiplied by the control factor for the baghouse (1-0.90)*.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A.

* The baghouse control efficiency is assumed to be 90%.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Dehulling (P004)

Activity Description: Multiple aspirators pull hulls off the soybean pieces before the pieces go to the flakers.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
dehulling aspirators, with baghouse	OAC rule 3745-17-11(B) OAC rule 3745-17-07(A)	75.0 pounds particulate emissions (PE)/hour (See section A.I.2.b.) Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b Emissions units P004 and P001 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 75.0 pounds PE/hour is for units P001 and P004, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
75.0 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the maximum process weight rate (tons/hour) by the appropriate emission factor from AP-42, Table 9.11.1-1, revised 11/95 (0.36 pound PE/ton of soybeans processed*), and then multiplying by the control factor for the baghouse (1-0.999).**

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P001 and P004 are operating simultaneously as both emissions units share an egress point. Both emissions units combined shall comply with the 75 pounds PE/hour limitation.

* This emission factor takes the cyclone into account.

** The baghouse control efficiency is assumed to be 99.9%.

- 1.b** Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Hull Refining (P006)

Activity Description: Multiples shakers and aspirators remove minute soybean particles from hulls that have already been removed for the primary pass of soybean pieces

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
hull refining, with baghouse	OAC rule 3745-17-11(B) OAC rule 3745-17-07(A)	33.0 pounds particulate emissions (PE)/hour (See A.I.2.b.) Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b The milling AC-156 and hot dehulling cyclone are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 33.0 pounds PE/hour is for both operations, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
33.0 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (7,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while the milling AC-156 and hot dehulling cyclone are operating simultaneously as both share an egress point.

- 1.b** Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Soybean Meal System (P009)

Activity Description: Shakers size the meal, grinders grind it for storage or loadout.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
meal grinding, with baghouse	OAC rule 3745-17-11(B) OAC rule 3745-17-07(A)	75.0 pounds particulate emissions (PE)/hour (See A.I.2.b.) Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b Emissions units P009, P028, P029 and P038 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 75.0 pounds PE/hour is for all of these units, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

V. Testing Requirements (continued)

- 1.a** Emission Limitation:
75.0 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (7,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P009, P038, P029 and P028 are operating simultaneously as these units share an egress point.

- 1.b** Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Truck Receiving (P016)

Activity Description: Grain is unloaded from trucks where it then goes into the elevator.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grain receiving (truck), with baghouse	OAC rule 3745-17-11(B)	26.1 pounds particulate emissions (PE)/hour (See A.I.2.c.)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-08(A)	See section A.I.2.a.
	OAC rule 3745-17-07(B)	See section A.I.2.b.

2. Additional Terms and Conditions

- 2.a This facility is located in Van Wert County, which is not an "Appendix A" area as indicated in Appendix A of OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A)(1), it is exempt from the requirements of OAC rule 3745-17-08.
- 2.b This emissions unit is exempt from the visible PE limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- 2.c Emissions unit P016 and emissions unit P034 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 26.1 pounds PE/hour is for emissions units P016 and P034, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
26.1 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (5,700 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P016 and P034 are operating simultaneously as both units share an egress point.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Rail Receiving (P017)

Activity Description: Grain is unloaded from railcars where it then goes into the elevator.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
grain receiving (rail), with baghouse	OAC rule 3745-17-11(B)	61.8 pounds particulate emissions (PE)/hour (See A.I.2.c.)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-08(A)	See section A.I.2.a.
	OAC rule 3745-17-07(B)	See section A.I.2.b.

2. Additional Terms and Conditions

- 2.a This facility is located in Van Wert County, which is not an "Appendix A" area as indicated in Appendix A of OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A)(1), it is exempt from the requirements of OAC rule 3745-17-08.
- 2.b This emissions unit is exempt from the visible PE limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- 2.c Emissions units P017 and P035 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 61.8 pounds PE/hour is for emissions units P017 and P035, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
61.8 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (18,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P017 and P035 are operating simultaneously as both units share an egress point. Both emissions units, combined, shall comply with the 61.8 pounds PE/hour limitation.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Millfeed Grinding Conveying & Storage (P019)

Activity Description: A grinder and a blower grind the soybean hulls and convey them to storage; the product becomes millfeed.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
millfeed grinding, with baghouse	OAC rule 3745-31-05(A)(3) PTI No. 03-7272	0.384 pound particulate emissions (PE)/hour The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-11(B)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	See section A.I.2.b. Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a** The permittee shall employ a bin vent filter and a baghouse to control all the PE from this emissions unit.
- 2.b** The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.c** The bin vent filter and the millfeed storage A bin are exhausted through the same egress point. Therefore, the OAC rule 3745-31-05(A) established limitation of 0.384 pound PE/hour is for both parts of this emissions unit, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse and bin vent shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse and bin vent while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across each baghouse and bin vent on a daily basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse or the bin vent did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
0.384 pound PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (7,500 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while the bin vent filter and millfeed storage A bin are operating simultaneously as both share an egress point.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Truck Meal Loadout (P028)

Activity Description: Meal is pulled from storage and placed in trucks with a loader device.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
meal load-out (truck), with baghouse	OAC rule 3745-17-11(B)	75.0 pounds particulate emissions (PE)/hour (See A.I.2.d.)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-08(A)	See section A.I.2.a.
	OAC rule 3745-17-07(B)	See section A.I.2.b.

2. Additional Terms and Conditions

- 2.a This facility is located in Van Wert County, which is not an "Appendix A" area as indicated in Appendix A of OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A)(1), it is exempt from the requirements of OAC rule 3745-17-08.
- 2.b This emissions unit is exempt from the visible PE limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- 2.c The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.d Emissions units P009, P038, P029 and P028 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 75.0 pounds PE/hour is for all of these emissions units, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
75.0 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (15,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P009, P038, P029 and P028 are operating simultaneously as these units share an egress point.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Rail Meal Loadout (P029)

Activity Description: Meal is pulled from storage and placed in railcars with a loader device.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
meal load-out (rail), with baghouse	OAC rule 3745-17-11(B)	75.0 pounds particulate emissions (PE)/hour (See A.I.2.d.)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.
	OAC rule 3745-17-08(A)	See section A.I.2.a.
	OAC rule 3745-17-07(B)	See section A.I.2.b.

2. Additional Terms and Conditions

- 2.a This facility is located in Van Wert County, which is not an "Appendix A" area as indicated in Appendix A of OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A)(1), it is exempt from the requirements of OAC rule 3745-17-08.
- 2.b This emissions unit is exempt from the visible PE limitation specified in OAC rule 3745-17-07(B), pursuant to OAC rule 3745-17-07(B)(11)(e).
- 2.c The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.d Emissions units P009, P038, P029 and P028 are exhausted through the same egress point. Therefore, the OAC rule 3745-17-11(B) established limitation of 75.0 pounds PE/hour is for all of these emissions units, combined.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
75.0 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (15,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. The test shall be conducted while emissions units P009, P038, P029 and P028 are operating simultaneously as these units share an egress point.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: DTDC (P031)

Activity Description: A large piece of equipment with six trays the extracted soybean flakes move through. This equipment Desolventizes, Toasts, Dries and Cools the product.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

- The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Conventional soybean oil extraction and recovery system including the Desolventizing, Toasting, Drying and Cooling (DTDC) system, the extractor, 2 cyclones, and the mineral oil absorber	OAC rule 3745-31-05(A)(3) PTI No. 03-13592	See Section A.I.2.a.
		See Section A.I.2.b.
		Visible particulate emissions (PE) shall not exceed 20 percent opacity, as a six-minute average.
		8.5 pounds PE/hour, 37.2 tons PE/year,
		99.2 pounds volatile organic compounds (VOCs)/hour
		See A.I.2.b.
	OAC rule 3745-21-07(G)	none (See Section A.II.1.)
	OAC rule 3745-17-11(B)	See Section A.I.2.c.
	OAC rule 3745-17-07(A)	See Section A.I.2.d.
	40 CFR, Part 63, Subpart GGGG	0.2 gallon hexane/ton soybeans processed (based on a rolling, 12-month weighted average)*
	See Section A.I.2.f.	
	*This limitation is a solvent loss factor to be applied in comparison to a loss of solvent at an n-hexane content at 64 percent.	
	OAC rule 3745-31-05(D) (PTI No. 03-13592)	357.0 tons VOC/rolling, 12-month period
	40 CFR, Part 63, Subpart DD	See Section A.I.2.g. exempt (See Section A.I.2.e.)

2. Additional Terms and Conditions

- 2.a The permittee shall employ best available technology (BAT) for this emissions unit. BAT has been determined to be the use of 2 cyclones (one cyclone to control the PE from the DTDC dryer, and another cyclone to control the PE from the DTDC cooler) to control all of the PE from this emissions unit and the use of a mineral absorber to control all the VOC emissions (hexane is the only VOC employed) from this emissions unit.
- 2.b The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D), OAC rule 3745-21-07(G), 40 CFR, Part 63, Subpart DD, and 40 CFR, Part 63, Subpart GGGG.
- 2.c The uncontrolled mass rate of PE from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply because the facility is located in Van Wert County, which is identified as a P-2 county.
- 2.d This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07(A) pursuant to OAC rule 3745-17-07(A)(3)(h) because OAC rule 3745-17-11 is not applicable.
- 2.e This emissions unit is not an "affected facility" as defined in 40 CFR, Part 60, Subpart DD.
- 2.f This emissions unit, which is an existing source in accordance with 40 CFR, Part 63, shall achieve compliance with the emission limitation of 0.2 gallon hexane/ton soybeans processed (specified by 40 CFR, Part 63, Subpart GGGG) by April 12, 2004.
- 2.g For the purpose of avoiding PSD permitting requirements, the permittee has requested a federally enforceable restriction of 357.0 tons of VOC/rolling 12-month period based on a soybean throughput restriction (see A.II.3).

II. Operational Restrictions

- 1. The permittee shall not employ any liquid organic material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).
- 2. The pressure drop across each cyclone shall be maintained within 0.25 to 8.0 inches of water while this emissions unit is in operation.
- 3. The amount of crushed soybeans processed by this emissions unit shall not exceed 647,875 tons per rolling, 12-month period.
- 4. In accordance with the provisions in 40 CFR, Part 63, Section 63.2852, the permittee shall develop a written startup, shutdown and malfunction (SSM) plan by the compliance date. The permittee shall implement the plan, when applicable. The permittee shall complete the SSM plan before the compliance date for this emissions unit. The permittee shall keep the SSM plan on-site and readily available as long as this emissions unit is operational. The SSM plan shall provide detailed procedures for operating and maintaining this emissions unit to minimize emissions during a qualifying SSM event for which the permittee chooses Section 63.2850(e)(2) malfunction period, or Section 63.2850(c)(2) or (d)(2) initial startup period. The SSM plan must specify a program of corrective action for malfunctioning process and air pollution control equipment and reflect the best practices now in use by the industry to minimize emissions. Some or all of the procedures may come from plans the permittee has developed for other purposes such as a Standard Operating Procedure manual or an Occupational Safety and Health Administration Process Safety Management plan. To qualify as a SSM plan, other such plans must meet all the applicable requirements of this NESHAP.

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain the following information on a monthly basis for this emissions unit:
 - a. the company identification of each liquid organic material employed; and
 - b. documentation on whether or not each liquid organic material employed is a photochemically reactive material.

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the cyclones while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the cyclones on a weekly basis.
3. The permittee shall determine the hexane consumption, i.e., the hexane usage in conjunction with the soybean oil extraction operations. The permittee shall collect and record the following information on a monthly basis:
 - a. the quantity of hexane received on site, in gallons;
 - b. the beginning hexane inventory of the working system, in gallons;
 - c. the ending hexane inventory of the working system, in gallons;
 - d. any permanent or temporary inventory adjustments of the working system; An example of a permanent inventory adjustment would be a change in the working capacity of the unit or the removal of hexane from the system due to contamination. An example of a temporary inventory adjustments would be if the emissions unit is in a startup or shutdown period, where hexane has been added to the system or returned to the storage tanks and is not accounted for in condition A.III.3.b. above;
 - e. the hexane consumption, in gallons (a + b + c + d*); and
 - f. the rolling, 12-month total hexane consumption, in gallons.

* This value could be negative or positive depending on whether you remove or add hexane to the system.
4. The permittee shall collect and record the following information on a monthly basis for this emissions unit:
 - a. the quantity of soybeans weighed in the preparation process before the hexane extraction operation, in tons;
 - b. the rolling 12-month quantity of soybeans weighed in the preparation process before the hexane extraction operation, in tons;
 - c. the average hexane loss rate, in gallons of hexane/ton of crushed soybeans, and in pounds hexane/pound crushed soybeans (condition A.III.3.f. divided by A.III.4.b.); and
 - d. the rolling 12-month VOC emissions, in tons {condition A.III.3.e. times the hexane density (5.51 lbs VOC/gallon), divided by 2000lbs/ton}.
5. When this emissions unit has processed soybeans for 12 operating months following the compliance date in the MACT regulations, the permittee shall begin calculating the compliance ratio (which compares the actual HAP (n-hexane) loss to the allowable HAP (n-hexane) loss for the previous 12 operating months) by the end of each calendar month following an operating month (refer to A.III.5.a below) considering the following conditions and exclusions:
 - 5.a if the emissions unit processes any quantity of soybeans in a calendar month and the emissions unit is not operating under an initial startup period (subject to 40 CFR, Part 63, Section 63.2850(c)(2) or (d)(2)) or malfunction period (subject to 40 CFR, Part 63, Section 63.2850(e)(2)), then the permittee must categorize the month as an operating month;
 - 5.b the 12-month compliance ratio may include operating months occurring prior to the emissions unit shutdown and operating months that follow after the emissions unit resumes operation;
 - 5.c if the emissions unit shuts down and processes no soybeans for an entire calendar month, then the permittee must categorize the month as a nonoperating month, as defined in 40 CFR, Part 63, Section 63.2872 (exclude any nonoperating months from the compliance ratio determination);
 - 5.d if the emissions unit is subject to an initial startup period as defined in 40 CFR, Part 63, Section 63.2872, exclude from the compliance ratio determination any solvent (hexane) and soybean information recorded for the initial startup period;

III. Monitoring and/or Record Keeping Requirements (continued)

- 5.e** if the emissions unit is subject to a malfunction period as defined in 40 CFR, Part 63, Section 63.2872, exclude from the compliance ratio determination any solvent (hexane) and soybean information recorded for the malfunction period;
- 5.f** the solvent (hexane) loss factor used to determine the compliance ratio may change each operating month depending on the tons of soybeans processed during all normal operating periods in a 12 operating month period; and
- 5.g** if the compliance ratio is less than or equal to 1.0, the emissions unit was in compliance with the HAP (n-hexane) emission requirements for the previous operating month.
- 6.** By the compliance date in the MACT regulations, in accordance with 40 CFR, Part 63, Section 63.2851, the permittee shall develop and implement a plan for demonstrating compliance. In this plan, the permittee shall describe the procedures that will be followed in obtaining and recording data, and determining compliance under normal operations. The permittee shall complete the plan before the compliance date for this emissions unit and keep it on site and readily available as long as this emissions unit is operational. The plan shall include the following information:
 - 6.a** the name and address of the owner or operator;
 - 6.b** the physical address of the vegetable oil production process;
 - 6.c** a detailed description of all methods of measurement the permittee will use to determine the solvent losses, HAP (n-hexane) content of solvent (hexane), and the tons of soybeans processed;
 - 6.d** when each measurement will be made;
 - 6.e** examples of each calculation the permittee will use to determine the compliance status (include examples of how the permittee will convert data measured with one parameter to other terms for use in compliance determination);
 - 6.f** example logs of how data will be recorded; and
 - 6.g** a plan to ensure that the data continue to meet compliance demonstration needs.
- 7.** For periods of normal operation (i.e., for each operating month), the permittee shall maintain the following records, beginning on the compliance date in the MACT regulations:
 - 7.a** determine and record the extraction solvent (hexane) loss, in gallons, from this emissions unit;
 - 7.b** record the volume fraction of HAP (n-hexane) present at greater than 1 percent, by volume, and gallons of extraction solvent (hexane), in each shipment received;
 - 7.c** determine and record the tons of soybeans processed by this emissions unit;
 - 7.d** determine the weighted average volume fraction of HAP (n-hexane) in extraction solvent (hexane) received as described in 40 CFR, Part 63, Section 63.2854 by the end of the following calendar month; and
 - 7.e** determine and record the actual solvent (hexane) loss, weighted average volume fraction HAP (n-hexane), soybeans processed and compliance ratio for each 12 operating months period as described in 40 CFR, Part 63, Section 63.2840 by the end of the following calendar month.
- 8.** For initial startup periods subject to 40 CFR, Part 63, Section 63.2850(c)(2) or (d)(2), the permittee shall maintain the following records, beginning on the compliance date in the MACT regulations:
 - 8.a** the permittee shall operate and maintain this emissions unit in accordance with the SSM plan;
 - 8.b** determine and record the extraction solvent (hexane) loss, in gallons, from this emissions unit; and
 - 8.c** record the volume fraction of HAP (n-hexane) present at greater than 1 percent, by volume, and gallons of extraction solvent (hexane), in each shipment received.

III. Monitoring and/or Record Keeping Requirements (continued)

- 9.** If this emissions unit processes any soybeans, the permittee shall record the following information, beginning on the compliance date in the MACT regulations:
- 9.a** For the solvent (hexane) inventory, record the following information in accordance with the permittee's plan for demonstrating compliance:
- i. dates that define each operating status period during a calendar month;
 - ii. the operating status of this emissions unit such as normal operation, nonoperating, initial startup period, malfunction period, or exempt operation for each recorded time interval;
 - iii. record the gallons of extraction solvent (hexane) in the inventory on the beginning and ending dates of each normal operating period;
 - iv. the gallons of all extraction solvent (hexane) received, purchased, and recovered during each calendar month;
 - v. all extraction solvent (hexane) inventory adjustments, additions or subtractions (the permittee must document the reason for the adjustment and justify the quantity of the adjustment);
 - vi. the total solvent (hexane) loss for each calendar month, regardless of this emissions unit's operating status; and
 - vii. the actual solvent (hexane) loss in gallons for each operating month.
- 9.b** For the weighted average volume fraction of HAP (n-hexane) in the extraction solvent, the permittee shall record the following information:
- i. the gallons of extraction solvent (hexane) received in each delivery;
 - ii. the volume fraction of each HAP (n-hexane) exceeding 1 percent by volume in each delivery of extraction solvent (hexane); and
 - iii. the weighted average volume fraction of HAP (n-hexane) in extraction solvent (hexane) received since the end of the last operating month as determined in accordance with 40 CFR, Part 63, Section 63.2854(b)(2).
- 9.c** Record the following information in accordance with the permittee's plan for demonstrating compliance:
- i. the dates that define each operating status period (these dates must be the same as the dates entered for the extraction solvent (hexane) inventory);
 - ii. the operating status of this emissions unit such as normal operation, nonoperating, initial startup period, malfunction period, or exempt operation for each recorded time interval;
 - iii. the soybean inventory on the beginning and ending dates of each normal operating period;
 - iv. the tons of soybeans received at this emissions unit during each normal operating period;
 - v. all soybean adjustments, additions or subtractions for normal operating period (the permittee shall document the reason for the adjustment and justify the quantity of the adjustment); and
 - vi. the tons of soybeans processed during each operating month.

III. Monitoring and/or Record Keeping Requirements (continued)

- 9.d** After this emissions unit has processed soybeans for 12 operating months, and the permittee is not operating during an initial startup period as described in 40 CFR, Part 63, Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following information by the end of the calendar month following each operating month, beginning on the compliance date:
- i. the 12 operating months rolling sum of the actual solvent (hexane) loss in gallons as described in Section 63.2853(c);
 - ii. the weighted average volume fraction of HAP (n-hexane) in extraction solvent (hexane) received for the previous 12 operating months as described in Section 63.2854(b)(3);
 - iii. the 12 operating months rolling sum of soybeans processed at this emissions unit in tons as described in Section 63.2855(c);
 - iv. a determination of the compliance ratio (using the values from Sections 63.2853, 63.2854, 63.2855, and Table 1 of Section 63.2840, calculate the compliance ratio using Equation 2 of Section 63.2840); and
 - v. a statement of whether this emissions unit is in compliance with all of the requirements of 40 CFR, Part 63, Subpart GGGG. This includes a determination of whether the permittee has met all of the applicable requirements in Section 63.2850.
- 9.e** For each SSM event subject to an initial startup period as described in 40 CFR, Part 63, Section 63.2850(c)(2) or (d)(2), or a malfunction period as described in Section 63.2850(e)(2), the permittee shall record the following information by the end of the calendar month following each month in which the initial startup period or malfunction period occurred, beginning on the compliance date:
- i. a description and date of the SSM event, its duration, and reason it qualifies as an initial startup or malfunction;
 - ii. an estimate of the solvent (hexane) loss in gallons for the duration of the initial startup or malfunction period with supporting documentation; and
 - iii. a checklist or other mechanism to indicate whether the SSM plan was followed during the initial startup or malfunction period.

IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office) in writing of any monthly record showing the use of noncomplying materials (i.e., photochemically reactive materials) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office) within 30 days of the date of the daily record indicating noncompliance.
2. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across any cyclone did not comply with the allowable range specified in section A.II.2 of the terms and conditions of this permit.
3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the following operational restrictions or emission limitations:
 - a. the 647,875 tons of crushed soybeans per rolling, 12-month period;
 - b. the 0.20 gallon hexane/ton of crushed soybeans (based on a 12-month rolling average); and
 - c. the 357.0 tons of VOC per rolling, 12-month period.
4. All quarterly deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit, Paragraph A.1.c.ii.

IV. Reporting Requirements (continued)

- 5.** The permittee shall submit the initial notification for existing sources in accordance with 40 CFR, Part 63, Section 63.2860. This is a one-time notification submitted to the Director (the appropriate District Office or local air agency) no later than 120 days after the effective date of 40 CFR, Part 63, Subpart GGGG, which includes the following information:
 - 5.a** the name and address of the owner or operator;
 - 5.b** the physical address of the vegetable oil production process;
 - 5.c** identification of the relevant standard, such as the vegetable oil production NESHAP, and compliance date;
 - 5.d** a brief description of the emissions unit including the types of listed oilseeds (e.g., soybeans) processed, nominal operating capacity, and type of desolventizer(s) used; and
 - 5.e** a statement designating the emissions unit as a major source of HAP (n-hexane) or a demonstration that the emissions unit meets the definition of an area source. An area source is an emissions unit that is not a major source and is not collocated within a plant site with other emissions units that are individually or collectively a major source.
- 6.** The permittee shall submit the initial notification for significant modifications to existing or new sources prior to any such modification (refer to 40 CFR, Part 63, Section 63.2860).
- 7.** The permittee shall submit a notification of compliance status for the MACT regulations once compliance is achieved in accordance with 40 CFR, Part 63, Section 63.2860. The permittee shall submit a notification of compliance status report to the Director (appropriate District Office or local air agency) no later than 60 days after determining the initial 12 operating months compliance ratio. If the emissions unit is an existing source, the permittee should submit this notification no later than 50 calendar months after the effective date of these NESHAP (36 calendar months for compliance, 12 operating months to record data, and 2 calendar months to complete the report). If the emissions unit is a new or reconstructed source, the notification of compliance status is generally due no later than 20 calendar months after initial startup (6 calendar months for the initial startup period, 12 operating months to record data, and 2 calendar months to complete the report). The notification of compliance status must contain the following information:
 - 7.a** the name and address of the owner or operator;
 - 7.b** the physical address of the vegetable oil production process;
 - 7.c** each listed oilseed type (e.g., soybeans) processed during the previous 12 operating months;
 - 7.d** each HAP (n-hexane) identified under Section 63.2854(a) as being present in concentrations greater than 1 percent by volume in each delivery of solvent (hexane) received during the 12 calendar months period covered by the report;
 - 7.e** a statement designating the emissions unit as a major source of HAP (n-hexane) or a demonstration that the emissions unit qualifies as an area source (an area source is an emissions unit that is not a major source and is not collocated within a plant site with other emissions units that are individually or collectively a major source); and
 - 7.f** a compliance certification to indicate whether the emissions unit was in compliance for each compliance determination made during the 12 calendar months period covered by the report. For each such compliance determination, the permittee must include a certification of the following information:
 - i.** the permittee is following the procedures described in the plan for demonstrating compliance; and
 - ii.** the compliance ratio is less than or equal to 1.00.
- 8.** Beginning on the compliance date in the MACT regulations, the permittee shall submit deviation notification reports for each compliance determination the permittee makes in which the compliance ratio exceeds 1.00 as determined in 40 CFR, Part 63, Section 63.2840(c). The permittee shall submit the deviation report by the end of the month following the calendar month in which the permittee determined the deviation. The deviation notification report must include the following items:

IV. Reporting Requirements (continued)

- 8.a** the name and address of the owner or operator;
- 8.b** the physical address of the vegetable oil production process;
- 8.c** each listed oilseed type (e.g., soybeans) processed during the 12 calendar months period covered by the report;
- 8.d** the compliance ratio comprising the deviation. The permittee may reduce the frequency of submission of the deviation notification report if the agency responsible for this NESHAP does not object as provided in Section 63.10(e)(3)(iii).
- 8.e** a statement designating the emissions unit as a major source of HAP (n-hexane) or a demonstration that the emissions unit qualifies as an area source. An area source is an emissions unit that is not a major source and is not collocated within a plant site with other emissions units that are individually or collectively a major source;
- 8.f** a compliance certification to indicate whether the emissions unit was in compliance for each compliance determination made during the 12 calendar months period covered by the report. For each such compliance determination, the permittee must include a certification of the following information:
 - i. the permittee is following the procedures described in the plan for demonstrating compliance; and
 - ii. the compliance ratio is less than or equal to 1.00.
- 9.** Beginning on the compliance date in the MACT regulations, the permittee shall submit periodic startup, shutdown and malfunction (SSM) reports in accordance with 40 CFR, Part 63, Section 63.2861(c). If the permittee chooses to operate this emissions unit under an initial startup period subject to Section 63.2850(c)(2) or (d)(2) or a malfunction period subject to Section 63.2850(e)(2), the permittee must submit a periodic SSM report by the end of the calendar month following each month in which the initial startup period or malfunction period occurred. The periodic SSM report must include the following information:
 - 9.a** the name, title, and signature of the facility's responsible official who is certifying that the report accurately states that all actions taken during the initial startup or malfunction period were consistent with the emissions unit's SSM plan;
 - 9.b** a description of events occurring during the time period, the date and duration of the events, and reason the time interval qualifies as an initial startup period or malfunction period; and
 - 9.c** an estimate of the solvent (hexane) loss during the initial startup or malfunction period with supporting documentation.
- 10.** Beginning on the compliance date in the MACT regulations, the permittee shall submit immediate SSM reports in accordance with 40 CFR, Part 63, Section 63.2861(d). If the permittee handles a SSM during an initial startup period subject to Section 63.2850(c)(2) or (d)(2) or a malfunction period subject to Section 63.2850(e)(2) differently from procedures in the SSM plan, then the permittee must submit an immediate SSM report. Immediate SSM reports consist of a telephone call or facsimile transmission to the Director (appropriate District Office or local air agency) within 2 working days after starting actions inconsistent with the SSM plan, followed by a letter within 7 working days after the end of the event. The letter must include the following information:
 - 10.a** the name, title, and signature of a facility's responsible official who is certifying the accuracy of the report, an explanation of the event, and the reasons for not following the emissions unit's SSM plan;
 - 10.b** a description and date of the SSM event, its duration, and reason it qualifies as a SSM; and
 - 10.c** an estimate of the solvent (hexane) loss for the duration of the SSM event with supporting documentation.
- 11.** The permittee shall submit annual reports that specify the total hexane emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

V. Testing Requirements

1. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - 1.a The emission testing shall be conducted within 180 days following the modification of this emissions unit in accordance with the terms and conditions of PTI No. 03-13592.
 - 1.b The emission testing shall be conducted to demonstrate compliance with the mass emission limitation for PE.
 - 1.c Methods 1 - 5 of 40 CFR, Part 60, Appendix A shall be employed to demonstrate compliance with the PE limitation above. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA, NWDO;
 - 1.d The stack on this emissions unit shall be constructed such that the height and port locations meet the minimum requirements necessary to perform Methods 1 - 4 of 40 CFR, Part 60, Appendix A.
 - 1.e The testing shall be performed on all cyclones simultaneously while the emissions unit is at its maximum production rate, unless otherwise specified or approved by the Ohio EPA.

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

Personnel from the Ohio EPA, NWDO shall be permitted to witness the tests, examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

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

2. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

2.a Emission Limitations:

8.5 pounds PE/hour, 37.2 tons PE/year

Applicable Compliance Method:

Compliance with the pounds/hour PE limitation shall be demonstrated based on the results of emission testing conducted in accordance with Methods 1 - 5 of 40 CFR, Part 60, Appendix A.

Compliance with the annual PE limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was determined by multiplying the hourly limitation by 8760, and then dividing by 2000).

2.b Emission Limitation:

99.2 pounds VOC/hour

Applicable Compliance Method:

Compliance with the pounds/hour emission limitation may be demonstrated by multiplying the maximum daily capacity of this emissions unit (2160 tons of crushed soybeans/day) by 0.20 gallon hexane/ton of crushed soybeans and by the density of hexane (5.51 pounds VOC/gallon), and then dividing by 24.

If required, the permittee shall demonstrate compliance with the hourly VOC limitation in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part, Appendix A.

V. Testing Requirements (continued)

2.c Emission Limitation:

0.20 gallon hexane/ton of crushed soybeans, as a 12-month rolling average

Applicable Compliance Method:

Compliance with the hexane emission limitation above shall be demonstrated by the record keeping requirements in section A.III.4 of this permit.

2.d Emission Limitation:

357.0 tons of VOC per rolling, 12-month period

Applicable Compliance Method:

Compliance with the annual emission limitation shall be demonstrated by the record keeping requirements in section A.III.4 of this permit.

2.e Emission Limitation:

Visible PE shall not exceed 20 percent opacity, as a six-minute average.

Applicable Compliance Method:

If required, compliance with the visible PE limitation above shall be determined by Method 9, 40 CFR, Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Conventional soybean oil extraction and recovery system including the desolventizing, toasting, drying and cooling (DTDC) system, the extractor, 2 cyclones, and the mineral oil absorber	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the increase in annual emissions as a result of this proposed modification will be less than 1.0 ton for each toxic compound. OAC chapter 3745-31 requires permittees to apply for and obtain a new or modified Permit to Install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that any process change that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new Permit to Install.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Grain Dryer (P034)

Activity Description: A dryer dries incoming grain for storage and processing.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
bean dryer	OAC rule 3745-31-05(A)(3) (PTI No. 03-4292)	3.12 pounds particulate emissions (PE)/hour 4.89 pounds nitrogen oxides (NOx)/hour Visible PE shall not exceed 0 percent opacity, as a 6-minute average.
	OAC rule 3745-17-11(B)	See section A.1.2.a.
	OAC rule 3745-17-07(A)	See section A.1.2.b.

2. Additional Terms and Conditions

- 2.a The uncontrolled mass rate of PE from this emissions unit is less than 10 pounds/hour. Therefore, pursuant to OAC rule 3745-17-11(A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply. In addition, Table I of OAC rule 3745-17-11 does not apply because the facility is located in Van Wert County, which is identified as a P-2 county.
- 2.b This emissions unit is exempt from the visible PE limitations specified in OAC rule 3745-17-07(A), pursuant to OAC rule 3745-17-07(A)(3)(h), because OAC rule 3745-17-11 is not applicable.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from 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 emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
3.12 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's laboratory-tested cyclone outlet grain loading (0.0021 grain/standard cubic foot) by the maximum air flow rate (36,000 scfm), and then multiplying by 60 and dividing by 7000.

Because there is no formal stack serving this unit, if testing is required, the company shall determine an appropriate method to be employed to demonstrate compliance with the hourly allowable PE limitation. Ohio EPA will need to approve the method prior to any such testing.

- 1.b Emission Limitation:
4.89 pounds NOx/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable NOx emission limitation by multiplying the maximum amount of natural gas combusted (standard cubic feet/hour) by the emission factor from AP-42, Table 1.4-1 (revised 7/98) of 100 pounds NOx/million standard cubic feet.

Because there is no formal stack serving this unit, if testing is required, the company shall determine an appropriate method to be employed to demonstrate compliance with the hourly allowable PE limitation. Ohio EPA will need to approve the method prior to any such testing.

- 1.c Emission Limitation:
Visible PE shall not exceed 0 percent opacity, as a 6-minute average.

Applicable Compliance Method:

If required, the method to be employed to demonstrate compliance with this visible emission limitation shall be Method 9, which is located in 40 CFR, Part 60, Appendix A.

Facility Name: **Central Soya Company, Inc.**

Facility ID: **03-81-00-0011**

Emissions Unit: **Grain Dryer (P034)**

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Bean Cleaning & Pod Grinding/Storage (P035)
Activity Description: Cleans all incoming beans for storage or processing

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
bean cleaning, with baghouse	OAC rule 3745-31-05(A)(3) (PTI No. 03-6461)	3.63 pounds particulate emissions (PE)/hour Visible PE shall not exceed 0 percent opacity, as a 6-minute average.
	OAC rule 3745-17-11(B)	See section A.I.2.a. See section A.I.2.b.
	OAC rule 3745-17-07(A)	See section A.I.2.b.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.c Emissions units P035 and P017 are both exhausted through the same egress point. Emissions unit P017 has an OAC rule 3745-17-11(B) established limitation of 61.8 pounds PE/hour. For purposes of testing, emissions units P035 and P017 shall both be tested simultaneously, and the combined PE shall not exceed 61.8 pounds/hour.

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
3.63 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (18,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR Part 60, Appendix A. There is 1 other unit) vented to this device which does not have a 3745-31-05 established PE limitation. To ensure accurate testing, either the other unit would need to be shut down while P035 is tested or the company may initiate a PTI modification to assign a BAT limitation for P017 and P035 combined under 3745-31-05, thereby allowing the units to be tested while operating simultaneously.

[Note that emissions unit P017, which does not have a BAT-based PE limitation, is also vented to the same baghouse. To ensure accurate testing, either emissions unit P017 shall be shutdown while emissions unit P035 is being tested, or the permittee shall submit a PTI modification application to establish a BAT limitation for PE for emissions units P035 and P017, combined, thereby allowing emissions units P035 and P017 to be tested while operating simultaneously.]

- 1.b Emission Limitation:
Visible PE shall not exceed 0 percent opacity, as a 6-minute average

Applicable Compliance Method:

If required, the method to be employed to demonstrate compliance with this visible emissions limitation shall be Method 9, which is located in 40 CFR, Part 60, Appendix A.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Fine Grind Meal System (P038)
Activity Description: Shakers and grinders produce a finer grind meal.

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
soybean meal sizing and classification process, with baghouse	OAC rule 3745-31-05(A)(3) (PTI No. 03-4978)	1.4 pounds particulate emissions (PE)/hour The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).
	OAC rule 3745-17-11(B)	See section A.I.2.a.
	OAC rule 3745-17-07(A)	See section A.I.2.b. Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

2. Additional Terms and Conditions

- 2.a The permittee shall employ a baghouse to control all the PE from this emissions unit.
- 2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.25 to 8 inches of water while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.

IV. Reporting Requirements

1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse or bin vent did not comply with the allowable range specified in section A.II.1 of the terms and conditions of this permit. The quarterly deviation reports shall be submitted in accordance with the procedures specified in General Term and Condition, paragraph A.1.c.ii.

V. Testing Requirements

1. Compliance Methods Requirements: Compliance with the emission limitations in section A.I of the terms and conditions of this permit shall be determined in accordance with the following methods:

- 1.a Emission Limitation:
1.4 pounds PE/hour

Applicable Compliance Method:

The permittee may determine compliance with the hourly allowable PE limitation by multiplying the manufacturer's-guaranteed baghouse outlet grain loading (0.005 grain/standard cubic foot) by the maximum air flow rate (28,000 scfm), and then multiplying by 60 and dividing by 7000.

If required, the methods to be employed to demonstrate compliance with the hourly allowable PE limitation shall be Methods 1 - 5, which are located in 40 CFR, Part 60, Appendix A. There are 3 other units vented to this device. To ensure accurate testing, either the other 3 emissions units shall be shut down while emissions unit P038 is being tested or the permittee may propose an alternative method to Ohio EPA via the Intent to Test Notification in the event testing is required.

- 1.b Emission Limitation:
Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as otherwise provided by rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions observations performed in accordance with 40 CFR, Part 60, Appendix A, Method 9.

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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