



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
STARK COUNTY**

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 15-01506

DATE: 7/30/2002

Shearers Foods, Inc.
Steve Surmay
692 Wabash Avenue
Brewster, OH 44613

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging 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 by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 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 within thirty (30) days after the notice of the Directors 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. 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

Very truly yours,

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

CC: Canton LAA



**Permit To Install
Terms and Conditions**

**Issue Date: 7/30/2002
Effective Date: 7/30/2002**

FINAL PERMIT TO INSTALL 15-01506

Application Number: 15-01506
APS Premise Number: 1576031913
Permit Fee: **\$5400**
Name of Facility: Shearers Foods, Inc.
Person to Contact: Steve Surmay
Address: 692 Wabash Avenue
Brewster, OH 44613

Location of proposed air contaminant source(s) [emissions unit(s)]:
**692 Wabash Avenue
Brewster, Ohio**

Description of proposed emissions unit(s):
3 potato chip fryers, heat exchanger, GDF, roadways.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping 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 recordkeeping 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.)

3. 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.

4. 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.

5. 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).

6. 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.

7. 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.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

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14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. 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. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
PE	15.53
NOx	11.18
VOC	1.45
CO	9.37
SO2	0.08

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(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 specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
B001 - 12.5 mmBtu/hr natural gas-fired heat exchanger.	OAC rule 3745-18-06(A) OAC rule 3745-21-08(B) OAC rule 3745-23-06(B) 40 CFR 60 Subpart Dc

OAC rule 3745-17-07(A)(1)

OAC rule 3745-17-10(B)(1)

Applicable Emissions
Limitations/Control Measures

The particulate emissions (PE) shall not exceed 0.25 lb/hr and 1.1 tons/year.

The carbon monoxide (CO) emissions shall not exceed 1.05 lbs/hr and 4.6 tons/year.

The nitrogen oxide (NOx) emissions shall not exceed 1.25 lbs/hr and 5.48 tons/year.

The volatile organic compounds (VOC) shall not exceed 0.07 lb/hr and 0.31 ton/yr.

The sulfur dioxide (SO2) emissions shall not exceed 0.01 lb/hr and 0.04 ton/yr.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A) and rule 3745-17-10(B)(1).

Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

The PE shall not exceed 0.020 lb/mmBtu of actual heat input.

Exempt pursuant to OAC rule 3745-18-06(A) when burning natural gas

See Section A.2.a. below.

See Section A.2.a. below.

See Section A.2.b. below.

2. Additional Terms and Conditions

- 2.a** The design of the emissions unit and the technology associated with the current operating practices satisfy 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.
- 2.b** As long as only natural gas fuel is burned, this emissions unit is not subject to the emission limits listed in 40 CFR Part 60, Subpart Dc.

B. Operational Restrictions

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

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
- a. Emissions Limitation:
Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Methods:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. Emissions Limitation:

The PE shall not exceed 0.020 lb/mmBtu of actual heat input, 0.25 lb/hr and 1.1 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 1.9 lbs of particulates/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.0119 mm cu. ft./hr) and dividing by the emissions unit's total heat input capacity (12.5 mmBtu/hr). Compliance with the hourly emission limitation shall be determined by multiplying 1.9 lbs of particulates/mm cu. ft. by 0.0119 mm cu. ft./hr. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

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

c. Emissions Limitation:

CO emissions shall not exceed 1.05 lbs/hr and 4.6 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 84 lbs of CO/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.0119 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation

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in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10 while firing natural gas.

- d. Emissions Limitation:
NOx emissions shall not exceed 1.25 lbs/hr and 5.48 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 100 lbs of NO_x/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.0119 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

- e. Emissions Limitation:
SO₂ emissions shall not exceed 0.01 lb/hr and 0.04 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 0.6 lb of SO₂/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.0119 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

- f. Emissions Limitation:
VOC emissions shall not exceed 0.07 lb/hr and 0.31 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 5.5 lbs of VOC/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.0119 mm cu. ft./hr). The emission factor is specified in USEPA reference

document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(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 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>
F001 - unpaved roadways and parking areas (see Section A.2.b)	OAC rule 3745-31-05(A)(3)	The particulate emissions (PE) shall not exceed 6.5 tons/yr.
		There shall be no visible particulate fugitive emissions except for 3 minutes during any 60-minute period.
		Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. (See Sections A.2.b through A.2.d below.)
	OAC rule 3745-17-07(B)(5)	See Section A.2.e below.
	OAC rule 3745-17-08(B)	See Section A.2.f below.

2. Additional Terms and Conditions

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

unpaved roadways:
all

unpaved parking areas:

all

- 2.b** The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with chemical dust suppressants

and water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.c The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.
- 2.e Since this emissions unit is not located in an Appendix A area, pursuant to paragraph (B)(11) of OAC rule 3745-17-07, the requirements of OAC rule 3745-17-07(B)(5) do not apply to the fugitive emissions from this emissions unit.
- 2.f Since this emissions unit is not located in an Appendix A area, pursuant to paragraph (A)(1) of OAC rule 3745-17-08, the requirements of OAC rule 3745-17-08(B) do not apply to the fugitive emissions from this emissions unit.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:
 - a. unpaved roadways and parking areas:
all
 - b. minimum inspection frequency:
daily
2. The purpose of the inspections is to determine the need for implementing the above-mentioned

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

3. The permittee may, upon receipt of written approval from the Canton local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

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

D. Reporting Requirements

1. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure that was to be implemented as a result of an inspection was not implemented.

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2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
 - a. **Emissions Limitation:**
The particulate emissions (PE) shall not exceed 6.5 tons/yr.

Applicable Compliance Method:

Compliance with this emission limitation for the unpaved roadways and parking areas identified above shall be determined by using the emission factor for unpaved roadways as stated in AP-42, 5th Edition, September 1998, Chapter 13.2.2, Equation (2). This equation will provide the emission factor for particulate matter in pounds per vehicle mile traveled. This emission factor is then multiplied by the total annual vehicle miles traveled and divided by 2000 pounds to obtain the total annual uncontrolled PE emissions (in tons per year).

b. Emissions Limitation:

There shall be no visible particulate fugitive emissions except for 3 minutes during any 60-minute period.

Applicable Compliance Method:

Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources,") as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 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>
G001 - Gasoline Dispensing Facility Two 12,000 gallon gasoline storage tanks and one 1,000 gallon kerosene storage tank.	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) emissions shall not exceed 0.65 ton/year.
	OAC rule 3745-21-09(R)	Best Available Technology (BAT) is Stage I vapor control - 90% control efficiency for VOC for gasoline storage tanks and submerged fill for gasoline and diesel storage tanks. See section B.1. below.
		Exempt because throughput is less than 120,000 gallon/year.

2. Additional Terms and Conditions

None

B. Operational Restrictions

1. The permittee shall comply with the following operational restrictions for the Stage I vapor control system:
 - a. the vapor balance system shall be kept in good working order and shall be used at all times during the transfer of gasoline;

- b. there shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers;
- c. there shall be no leaks in the vapor lines or liquid lines during the transfer of gasoline;
- d. the transfer of gasoline from a delivery vessel to a stationary storage tank shall be conducted by use of submerged fill into the storage tank. The submerged fill pipe(s) are to be installed so they are within six (6) inches of the bottom of the storage tank;
- e. all fill caps shall be "in place" and clamped during normal storage conditions; and
- f. the permittee shall repair within 15 days any leak from the vapor balance system or vapor control system, which is employed to meet the requirements of paragraph (R)(1) of OAC rule 3745-21-09, when such leak is equal to or greater than 100 percent of the lower explosive limit of propane, as determined under paragraph (K) of OAC rule 3745-21-10.

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain records of the results of any leak checks, including, at a minimum, the following information:
 - a. date of inspection;
 - b. findings (may indicate no leaks discovered or location, nature, severity of each leak).
 - c. leak determination method;
 - d. corrective action (date each leak repaired and reasons for any repair interval in excess of 15 calendar days); and
 - e. inspector's name and signature.
- 2. The permittee shall maintain records of the annual gasoline throughput for the facility and determine the annual VOC emission rate. (See section E.1.a, which explains how to calculate annual VOC emissions).

D. Reporting Requirements

- 1. Any leak from the vapor balance system or vapor control system that is not repaired within 15

days after identification shall be reported to the Canton local air agency within 30 days after the repair is completed.

2. The permittee shall submit a deviation (excursion) report if the annual VOC emissions from this facility exceed 0.65 ton/yr.

E. Testing Requirements

1. Compliance with the annual volatile organic compound (VOC) emission limit in Section A.1 of these terms and conditions shall be calculated as the sum of the VOC emissions from all gasoline storage tank filling and dispensing operations, and, if applicable, diesel, kerosene, and used oil tank filling operations at the gasoline dispensing facility (unless otherwise exempted pursuant to OAC rule 3745-31-03). This calculation shall be based on the actual gasoline, diesel, kerosene, and used oil throughputs for the facility using the calculation factors below.

- a. Emissions Limitation:
0.65 ton VOC/year.

Applicable Compliance Method:

Multiply the appropriate emission factor below by the gallons of gasoline, diesel, kerosene, or used oil dispensed per year and divide by 2,000 lbs/ton. Repeat this calculation for each material dispensed at the facility and sum the results to yield the total annual VOC emission rate.

(Emission rates (factors) are expressed in pounds (lbs) of organic compounds per 1,000 gallons of gasoline throughput. Emission factors are for VOC as well as total organic compound (OC) emissions because the methane and ethane content of gas is negligible.)

- i. Since this gasoline dispensing facility has submerged tank filling with Stage I vapor control for gasoline storage tanks, the emission factor for gasoline storage tank filling and dispensing operations = 13.0 lbs VOC/1,000 gallons. (Gasoline emission factors are from USEPA publication AP-42, Fifth Edition, table 5.2-7).
- ii. The emission factor for diesel, kerosene, and used oil tank filling operations when the facility has submerged tank filling = 0.027 lb VOC/1,000 gallons. (This emission factor is the SCC emission factor for transfer operations from diesel storage tanks. It is assumed that the same emission factor applies to kerosene and used oil transfer operations.)

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Emissions Unit ID: P001

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
P001 - continuous potato chip fryer with no burner and oil mist eliminator; PC 2100	OAC rule 3745-31-05(A)(3) OAC rule 3745-17-07(A)(1)

OAC rule 3745-17-11

Applicable Emissions
Limitations/Control Measures

The particulate emissions (PE) shall not exceed 0.74 lb/hr and 3.24 tons/yr.

The volatile organic compound (VOC) emissions shall not exceed 0.02 lb/hr and 0.09 ton/yr.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

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. Additional Terms and Conditions

2.a None

B. Operational Restrictions

1. The permittee shall operate the oil mist eliminator whenever this emissions unit is in operation.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain daily records that document any time periods when the oil mist eliminator system was not in service when the emissions unit was in operation.

D. Reporting Requirements

1. The permittee shall notify the Canton local air agency in writing of any daily record showing that the oil mist eliminator was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days after the event occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emissions Limitation:

Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

Applicable Compliance Methods:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- b. Emissions Limitation:

The PE shall not exceed 0.74 lb/hr and 3.24 tons/year.

Applicable Compliance Methods:

The emission factor is 0.7 lb PE/ton of chips with the oil mist eliminator. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-2 (1/95). The maximum production is 1.05 tons chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 0.7 lb PE/ton of chips x 1.05 tons chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the

conversion factor of 1.0 ton/2000 lbs.

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

- c. Emissions Limitation:
The VOC emissions shall not exceed 0.02 lb/hr and 0.09 ton/year.

Applicable Compliance Methods:

The emission factor is 0.02 lb VOC/ton of chips with the oil mist eliminator. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-3 (1/95). The maximum production is 1.05 tons chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 0.02 lb PE/ton of chips x 1.05 tons chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment	<u>Applicable Rules/Requirements</u>	OAC rule 3745-17-11
P002 - continuous potato chip fryer with 6 mmBtu/hr natural gas fired burner and no controls; PC #6	OAC rule 3745-31-05(A)(3)	
	OAC rule 3745-17-07(A)(1)	

Applicable Emissions
Limitations/Control Measures

The particulate emissions (PE) shall not exceed 0.58 lb/hr and 2.54 tons/yr.

The nitrogen oxide (NO_x) emissions shall not exceed 0.6 lb/hr and 2.63 tons/yr.

The carbon monoxide (CO) emissions shall not exceed 0.5 lb/hr and 2.19 tons/yr.

The sulfur dioxide (SO₂) emissions shall not exceed 0.004 lb/hr and 0.02 ton/yr.

The volatile organic compound (VOC) emissions shall not exceed 0.04 lb/hr and 0.18 ton/yr.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

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. Additional Terms and Conditions

None

B. Operational Restrictions

1. The permittee shall employ only natural gas as fuel in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

None

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emission unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emissions Limitation:

- Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

- Applicable Compliance Methods:

- If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- b. Emissions Limitation:

- The PE shall not exceed 0.58 lb/hr and 2.54 tons/year.

- Applicable Compliance Methods:

- There are two sources of PE emissions. One is from the combustion of natural gas and the other is from oil mist coming from the fryer.

- When firing natural gas, compliance shall be determined by multiplying an emission factor of 1.9 lbs of particulates/mm cu. ft. by the emissions unit's maximum hourly natural gas

firing rate (0.006 mm cu. ft./hr) and dividing by the emissions unit's total heat input capacity (6 mmBtu/hr). Compliance with the hourly emission limitation shall be determined by multiplying 1.9 lbs of particulates/mm cu. ft. by 0.006 mm cu. ft./hr. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

The emission factor is 1.6 lbs PE/ton of chips. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-2 (1/95). The maximum production is 0.354 ton chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 1.6 lbs PE/ton of chips x 0.354 ton chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

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

c. Emissions Limitation:

The CO emissions shall not exceed 0.5 lb/hr and 2.19 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 84 lbs of CO/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10 while firing natural gas.

d. Emissions Limitation:

NOx emissions shall not exceed 0.6 lb/hr and 2.63 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 100 lbs of NO_x/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

e. Emissions Limitation:

SO₂ emissions shall not exceed 0.004 lb/hr and 0.02 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 0.6 lb of SO₂/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

f. Emissions Limitation:

VOC emissions shall not exceed 0.04 lb/hr and 0.18 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 5.5 lbs of VOC/mm cu. ft. by the emissions unit's maximum hourly natural gas firing

rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

The emission factor is 0.02 lb VOC/ton of chips with the oil mist eliminator. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-3 (1/95). The maximum production is 0.354 ton chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 0.02 lb VOC/ton of chips x 0.354 ton chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

F. Miscellaneous Requirements

None

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- The specific operations(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 specified in narrative form following the table.

Operations, Property, and/or Equipment	<u>Applicable Rules/Requirements</u>	OAC rule 3745-17-11
P003 - continuous potato chip fryer with 7 mmBtu/hr natural gas fired burner and no controls; PC #7	OAC rule 3745-31-05(A)(3)	
	OAC rule 3745-17-07(A)(1)	

Applicable Emissions
Limitations/Control Measures

The particulate emissions (PE) shall not exceed 0.49 lb/hr and 2.15 tons/yr.

The nitrogen oxide (NO_x) emissions shall not exceed 0.7 lb/hr and 3.07 tons/yr.

The carbon monoxide (CO) emissions shall not exceed 0.59 lb/hr and 2.58 tons/yr.

The sulfur dioxide (SO₂) emissions shall not exceed 0.004 lb/hr and 0.02 ton/yr.

The volatile organic compound (VOC) emissions shall not exceed 0.05 lb/hr and 0.22 ton/yr.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A).

Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

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. Additional Terms and Conditions

None

B. Operational Restrictions

1. The permittee shall employ only natural gas as fuel in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

None

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emission unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- a. Emissions Limitation:

- Visible PE shall not exceed 20% opacity, as a 6-minute average, except as provided by rule.

- Applicable Compliance Methods:

- If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

- b. Emissions Limitation:

- The PE shall not exceed 0.49 lb/hr and 2.15 tons/year.

- Applicable Compliance Methods:

- There are two sources of PE emissions. One is from the combustion of natural gas and the other is from oil mist coming from the fryer.

- When firing natural gas, compliance shall be determined by multiplying an emission factor of 1.9 lbs of particulates/mm cu. ft. by the emissions unit's maximum hourly natural gas

firing rate (0.007 mm cu. ft./hr) and dividing by the emissions unit's total heat input capacity (6 mmBtu/hr). Compliance with the hourly emission limitation shall be determined by multiplying 1.9 lbs of particulates/mm cu. ft. by 0.007 mm cu. ft./hr. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

The emission factor is 1.6 lbs PE/ton of chips. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-2 (1/95). The maximum production is 0.354 ton chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 1.6 lbs PE/ton of chips x 0.302 ton chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

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

- c. Emissions Limitation:
The CO emissions shall not exceed 0.59 lb/hr and 2.58 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 84 lbs of CO/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10 while firing natural gas.

- d. Emissions Limitation:
NOx emissions shall not exceed 0.7 lb/hr and 3.07 tons/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 100 lbs of NO_x/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-1 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

e. Emissions Limitation:

SO₂ emissions shall not exceed 0.004 lb/hr and 0.02 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 0.6 lb of SO₂/mm cu. ft. by the emissions unit's maximum hourly natural gas firing rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

f. Emissions Limitation:

VOC emissions shall not exceed 0.05 lb/hr and 0.22 ton/year.

Applicable Compliance Methods:

When firing natural gas, compliance shall be determined by multiplying an emission factor of 5.5 lbs of VOC/mm cu. ft. by the emissions unit's maximum hourly natural gas firing

rate (0.006 mm cu. ft./hr). The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

The emission factor is 0.02 lb VOC/ton of chips with the oil mist eliminator. The emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 9.13.3.1, Table 9.13.3-3 (1/95). The maximum production is 0.302 ton chip/hr. Compliance with the hourly emission limitation shall be determined by multiplying the emission factor of 0.02 lb VOC/ton of chips x 0.302 ton chips/hr.

Compliance with the annual emission limit shall be determined by multiplying the above-calculated hourly emission rate by 8,760 hours per year and multiplying the result by the conversion factor of 1.0 ton/2000 lbs.

If required, the permittee shall demonstrate compliance with the lbs/hr emission limitation in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7 while firing natural gas.

F. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 15-01506 Facility ID: 1576031913

FACILITY NAME Shearers Foods, Inc.

FACILITY DESCRIPTION 3 potato chip fryers, heat exchanger, GDF, CITY/TWP Brewster
roadways

SIC CODE 2096 SCC CODE 10300602 EMISSIONS UNIT ID B001

EMISSIONS UNIT DESCRIPTION 12.5 mmBtu/hr heat natural gas fired exchanger

DATE INSTALLED 3/98

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment			0.25 lb/hr 0.020 lb/mmbtu	1.1
PM ₁₀					
Sulfur Dioxide	Attainment			0.01 lb/hr	0.04
Volatile Organic Compounds	Attainment			0.07 lb/hr	0.31
Nitrogen Oxides	Attainment			1.25 lbs/hr	5.48
Carbon Monoxide	Attainment			1.05 lbs/hr	4.6
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination No controls

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ NA

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SOURCE REVIEW FORM B

PTI Number: 15-01506 Facility ID: 1576031913

FACILITY NAME Shearers Foods, Inc.

FACILITY DESCRIPTION 3 notato chin frvers. heat exchanger. GDF. CITY/TWP Brewster

Emissions Unit ID: P003

SIC CODE 2096 SCC CODE 3050211 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Unpaved roadways and parking areas

DATE INSTALLED 1988

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment				6.5
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination There shall be no visible particulate fugitive emissions except for 3 minutes during any 60-minute period.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ NA

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 15-01506 Facility ID: 1576031913

FACILITY NAME Shearers Foods, Inc.

FACILITY DESCRIPTION 3 notato chin frvers. heat exchanger. GDF. CITY/TWP Brewster

Emissions Unit ID: P003

SIC CODE 2096 SCC CODE 40600306 EMISSIONS UNIT ID G001

EMISSIONS UNIT DESCRIPTION Gasoline Dispensing Facility

DATE INSTALLED 3/97

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter					
PM ₁₀					
Sulfur Dioxide					
Volatile Organic Compounds	Attainment				0.65
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination Submerged fill and Stage I vapor control

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$?

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 15-01506

Facility ID: 1576031913

FACILITY NAME Shearers Foods, Inc.

FACILITY DESCRIPTION 3 notato chin frvers. heat exchanger. GDF. CITY/TWP Brewster

Emissions Unit ID: **P003**

SIC CODE 2096

SCC CODE 30203601

EMISSIONS UNIT ID P001

EMISSIONS UNIT DESCRIPTION Continuos Potato Chip Fryer 2100

DATE INSTALLED 3/98

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment			0.74 lb/hr	3.24
PM ₁₀					
Sulfur Dioxide					
Volatile Organic Compounds	Attainment			0.02 lb/hr	0.09
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS?

NESHAP?

PSD?

OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination Oil mist eliminator

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ Unknown

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES X NO

IDENTIFY THE AIR CONTAMINANTS: _____

NEW SC

PTI Num

FACILITY

Emissions Unit ID: **P003**

FACILITY DESCRIPTION 3 potato chip fryers, heat exchanger, GDF, CITY/TWP Brewster
roadways

SIC CODE 2096 SCC CODE 30203601 EMISSIONS UNIT ID P002

EMISSIONS UNIT DESCRIPTION Continuous Potato Chip Fryer 6

DATE INSTALLED 6/88

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter	Attainment			0.58 lb/hr	2.54
PM ₁₀					
Sulfur Dioxide	Attainment			0.004 lb/hr	0.02
Volatile Organic Compounds	Attainment			0.04 lb/hr	0.18
Nitrogen Oxides	Attainment			0.6 lb/hr	2.63
Carbon Monoxide	Attainment			0.5 lb/hr	2.19
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination No controls

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ NA

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES X NO

IDENTIFY THE AIR CONTAMINANTS:

