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

RE: FINAL PERMIT TO INSTALL MODIFICATION **CERTIFIED MAIL**

PERRY COUNTY
Application No: 06-07975
Fac ID: 0664980009

	TOXIC REVIEW
	PSD
Y	SYNTHETIC MINOR
	CEMS
	MACT
Subpart I	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

DATE: 8/31/2006

Stoneco Plant No. 114
Beth Mowrey
P O Box 266
Thornville, OH 43076

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: **USEPA** **SEDO**

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 06-07975

Application Number: 06-07975

Facility ID: 0664980009

Permit Fee: **$625**

Name of Facility: Stoneco Plant No. 114

Person to Contact: Beth Mowrey

Address: P O Box 266
Thornville, OH 43076

Location of proposed air contaminant source(s) [emissions unit(s)]:
10148 County Road 313
Findlay, **Ohio**

Description of proposed emissions unit(s):
Administrative modification of PTI 03-16175, issued January 18, 2005, to increase allowable pressure drop range.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Joseph P. Koncelik

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

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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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 ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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

Pollutant	Tons Per Year
PE (stack)	9.90
PE (fugitive)	13.56
SO2	30.00
CO	82.20
NOx	22.50
VOC	60.00

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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F001 -Portable plant roadways and parking areas.	OAC rule 3745-31-05 (A)(3)	8.10 tons fugitive particulate emissions (PE)/yr.
Paved Roadways and Parking Areas	OAC rule 3745-31-05 (A)(3)	no visible particulate emissions except for one minute during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.c, and A.2.e through A.2.i)
Unpaved Roadways and Parking Areas	OAC rule 3745-31-05 (A)(3)	no visible particulate 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 A.2.d through A.2.i)
	OAC rule 3745-17-08 (B)	see A.2.j
	OAC rule 3745-17-07 (B)	see A.2.j

2. Additional Terms and Conditions

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

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paved roadways:

all paved roadways

paved parking areas:

all paved parking areas

2.b 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 roadways

unpaved parking areas:

all unpaved parking areas

2.c The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.d 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 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.e 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 a paved or 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.f Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of

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

2.g The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

2.h Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

2.i 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.j The unpaved roadways and parking areas are associated with the portable asphalt plant P901 permitted under facility ID 0664980009. The emission limitation of 8.10 tons per year fugitive PE represents the maximum emissions which will be emitted from the roadways and parking areas for any proposed site for relocation of the portable asphalt plant.

The roadways and parking areas are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07 (B) and 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A) (3).

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:

paved roadways and parking areas	minimum inspection frequency
all paved roadways and parking areas	once during each day of operation

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unpaved roadways and parking areas	minimum inspection frequency
all unpaved roadways and parking areas	once during each day of operation

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 appropriate Ohio EPA District Office or 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 kept separately for (I) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, and 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 deviation reports, in accordance with the reporting requirements of the General Terms and Conditions of this permit, that identify any of the following occurrences:

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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.

E. Testing Requirements

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

Emission Limitation-
8.10 tons fugitive PE/yr

a. Applicable Compliance Method:
Applicable Compliance Method: This emission limitation was developed by applying a 80% control efficiency to a maximum potential uncontrolled emission rate of 40.41 TPY fugitive PE. The maximum potential uncontrolled emission rate was calculated using AP-42 emission factors for paved and unpaved roadways [section 13.2.1.2 (10/97) and section 13.2.2.2 (9/98)] and the following maximum vehicle miles traveled:

paved roadways - 274 miles
unpaved roadways - 15,942 miles

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation will be assumed.

b. Emission Limitation Method:
There shall be no visible particulate emissions from (any paved roadway or parking area) except for one minute during any 60-minute period.

Applicable Compliance Method:
If required, compliance with the visible emission limitation specified 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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

c. Emission Limitation Method:
There shall be no visible particulate emissions from (any unpaved roadway or parking area) except for 3 minutes during any 60-minute period.

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Applicable Compliance Method:
If required, compliance with the visible emission limitation specified 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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

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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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
F002 - Portable plant aggregate storage piles.	OAC rule 3745-31-05(A)(3)	2.46 Tons fugitive PE/yr
load-in and load-out of storage piles (see Section A.2.a. for identification of storage piles)	OAC rule 3745-31-05 (A) (3)	no visible emissions except for a one minute during any 60-minute period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b., A.2.c., & A.2.f.)
wind erosion from storage piles (see Section A.2.a. for identification of storage piles)	OAC rule 3745-31-05 (A) (3)	no visible emissions except for a one minute during any 60-minute period. best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.d. through A.2.f.)
load-in/load-out of storage piles, and wind erosion from storage piles	OAC rule 3745-17-07 (B) OAC rule 3745-17-08 (B)	see A.2.g see A.2.g

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2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

i. Aggregate Material Products storage pile
ii. RAP storage pile

2.b The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for purposes of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the load-in and load-out materials with water and/or any other suitable dust suppression chemicals to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.c The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

2.d The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the propose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat each storage pile with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice if the precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

2.f Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

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2.g The storage piles are associated with the portable asphalt plant P901 permitted under facility ID 0664980009 . The emission limitation of 2.46 TPY fugitive PE represents the maximum emissions which will be emitted from the storage piles for any proposed site for relocation of the portable asphalt plant.

The storage piles are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07 (B) and 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-08 (B) and OAC rule 3745-17-08 (B) are less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A) (3).

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-in inspection frequency
All	Once during each day of operation

2. Except as otherwise provided in this section, the permittee shall perform inspections of each load operation. At each storage pile in accordance with the following frequencies:

storage pile identification	minimum load-out inspection frequency
All	Once during each day of operation

3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

storage pile identification	minimum wind erosion inspection frequency
All	Once during each day of operation

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity 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.

5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile and wind

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erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

6. The permittee may upon receipt of written approval from the appropriate Ohio EPA District Office or 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.

7. The permittee shall maintain records of the following information:

   a. The date and reason any required inspection was not performed, including those inceptions 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.

   d. On a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

   The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the storage pile surfaces (wind erosion), and 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 deviation reports, in accordance with the reporting requirements of the General Terms and Conditions of this permit, 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.

   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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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. Emission Limitation: 2.46 tons fugitive PE/yr

      Applicable Compliance Method: The emission limitation was established by combining the emissions from load-in and load-out operations and from wind erosion from each storage pile as listed in the permittee's application and applying a 80% control efficiency for use of best available control measures. Load-in and load-out operation emissions are based on a maximum load-in and load-out rate of 600,000 tons per year of product. Wind erosion emissions are based on a maximum storage pile surface area of 8 acres as listed in the permit application:

      The emission rate was determined as follows:

      i. Load-in - emissions associated with load-in operations were established by multiplying the maximum load-in rate of 600,000 tons of product per year by the appropriate emission factor from AP-42 section 13.2.4.3 (1/95) [0.00098 lb PE/ton product], applying a 80% control efficiency and dividing by 2000 lbs/ton. (0.06 tons fugitive PE/yr.)

      ii. Load-out - emissions associated with load-out operations were established by multiplying the maximum load-out rate of 600,000 tons of product per year by the appropriate emission factor from AP-42 section 13.2.4.3 (1/95) [0.00098 lb PE/ton product], applying a 80% control efficiency and dividing by 2000 lbs/ton. (0.06 tons fugitive PE/yr.)

      iii. Wind erosion - emissions were established by multiplying a maximum combined storage pile surface area of 8 acres for product, the appropriate emission factor from USEPA's <u>Control of Open Fugitive Dust Sources</u> (9/88) [8.03 lbs PE/day/acre of product], a maximum operating schedule of 365 days per year and dividing by 2000 and applying a 80% control efficiency. (2.34 ton PE/yr)

      Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation will be assumed.

   b. Emission Limitation: No visible emissions except for one minute during any 60-minute period.

      Applicable Compliance Method: If required, compliance with the visible emission limitations for the storage piles identified above shall be determined in

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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, 2002, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

None

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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	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P901 - 360 ton per hour asphalt plant with baghouse (modification of PTI #03-13879 issued on 12/05/02 to make plant portable and allow use of #6 fuel oil, on-spec used oil, and natural gas).	OAC rule 3745-31-05(A)(3)	Stack Emissions: 11.88 pounds particulate emissions (PE) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas. 36.00 pounds sulfur dioxide (SO2) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil. 1.08 pounds SO2 per hour; when burning natural gas. 27.00 pounds nitrogen oxide (NOx) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil. 9.36 pounds NOx per hour; when burning natural gas. 98.64 pounds carbon monoxide (CO) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil. 46.80 pounds CO per hour; when burning natural gas.

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		72.00 pounds volatile organic compounds (VOC) per hour when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas.
		No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, and pug mill.
		see A.2.a
	OAC rule 3745-31-05 (C)	see A.2.g.
		9.90 tons PE (stack) per rolling 12-month period (see A.2.b)
		3.00 tons fugitive PE per rolling 12-month period (see A.2.b)
		30.00 tons SO2 per rolling 12-month period (see A.2.b)
		22.50 tons NOx per rolling 12-month period (see A.2.b)
		82.20 tons CO per rolling 12-month period (see A.2.b)
	4	60.00 tons VOC per rolling 12-month period (see A.2.b)
	0 CFR Part 60, Subpart I	0.04 gr PE/dscf of exhaust gas
		Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.
	OAC rule 3745-17-11 (B)	see A.2.e.
	OAC rule 3745-17-07(A)	see A.2.h.

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OAC rule 3745-17-07 (B)	see A.2.f.
OAC rule 3745-17-08 (B)	see A.2.f.
OAC rule 3745-18-06(E)(2)	see A.2.e.
OAC rule 3745-23-06(B)	see A.2.i.
OAC rule 3745-21-07(B)	see A.2.i.
OAC rule 3745-21-08(B)	see A.2.i

2. Additional Terms and Conditions

2.a "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the following:

i. Use of baghouse for PE control of drum mix operations. The baghouse control system exhaust shall meet the requirements of 40 CFR Part 60, Subpart I (0.04 gr PE/dscf of exhaust gas) ;

ii. Use of best available control measures (see A.2.c)

2.b Annual emissions shall not exceed the following, based upon a rolling, 12-month summation of the monthly emissions:

i. 30.00 tons SO_2 per rolling 12-month period
ii. 82.20 tons CO per rolling 12-month period
iii. 22.50 tons NOx per rolling 12-month period
iv. 60.00 tons VOC per rolling 12-month period
v. 9.90 tons PE (stack) per rolling 12-month period
vi. 3.00 tons PE (fugitive) per rolling 12-month period

The emission limitations are based on production restrictions (see B.1) for the purpose of establishing federally enforceable limitations to avoid "Prevention of Significant Deterioration" (PSD) and Title V applicability.

2.c The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from the material handling operations (see A.2.d) associated with emissions unit P901. In accordance with the permit application, the permittee maintains that the inherent moisture content of the material handled is more than sufficient to comply with all applicable requirements. If the inherent moisture content of the material is not sufficient to comply with all applicable requirements the permittee shall install equipment to

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apply water or any other suitable dust suppressant, at appropriate locations on the material handling system.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.d Visible fugitive particulate emissions from material handling operations for emissions unit P901 shall not exceed the following opacity restrictions:

Emission Point (company ID)	**Equipment Type**	**Opacity Limit as a three-Minute Average**	**Regulatory Basis for Limit**
material unloading into feeder bins	transfer point	20%	OAC Rule 3745-31-05(A)
material transfer from feeder bin conveyor to dryer feed conveyor	transfer point	20%	OAC Rule 3745-31-05(A)
material transfer from dryer feed conveyor to dryer	transfer point	20%	OAC Rule 3745-31-05(A)

2.e 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.f This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05 (A)(3) and NSPS Subpart I.

When the emissions unit is not located within an “Appendix A” area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.g The requirements of this rule also include compliance with 40 CFR Part 60, Subpart I and OAC rule 3745-31-05(C).

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2.h The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I.

2.i The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) and OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this Permit to Install.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. Annual asphalt production from emissions unit P901 shall not exceed 600,000 tons per year, based on a rolling, 12 month summation of the monthly production rates.

To ensure enforceability during the first 12 calendar months of operation under the provisions of this permit, the permittee shall not exceed the production levels specified in the following table:

MONTH(s)	MAXIMUM ALLOWABLE CUMULATIVE ASPHALT PRODUCTION (TONS)
1	100,000
1-2	150,000
1-3	200,000
1-4	250,000
1-5	300,000
1-6	350,000
1-7	400,000
1-8	500,000
1-9	600,000
1-10	600,000
1-11	600,000
1-12	600,000

After the first 12 calendar months of operation under the provisions of this permit, compliance with the annual production limitation shall be based upon a rolling, 12 month summation of the monthly production rates.

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2. The permittee may substitute recycled asphalt aggregates in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials introduce at any given time.

3. The permittee shall only employ materials/fuels listed in the permit to install application. Any changes in the materials employed/combusted may be deemed a “modification” to the emissions unit and, as such will require prior notification to and approval from the Ohio EPA, Division of Air Pollution Control, Northwest District Office.

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

5. All on-spec used oil burned in emissions unit P901 shall meet the following specifications:

   Contaminant/Property Allowable Specifications

arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
PCB's	50 ppm, maximum*
total halogens	4000 ppm maximum**
mercury	1 ppm, maximum
flash point	100 F, minimum
heat content	135,000 Btu/gallon, minimum

   * If the permittee is burning used oil with any quantifiable level >2 ppm <50 ppm of PCB's, then the permittee is subject to any applicable requirements found under 40 CFR part 279, subparts G and H and 40 CFR 761.20 (e).

   ** Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 279.10 (b)(1)(ii) and OAC rule 3745-279-10 (B)(1)(b). Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the used oil burner has demonstrated the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

6. The permittee may not burn any used oil which does not meet the specifications listed in OAC rule 3745-279-11 without first obtaining an air permit to install that authorizes the burning of such used oil. The burning of used oil that does not meet specifications listed in OAC rule 3745-279-11 is subject to OAC rule 3745-279-60 through 67 and the applicable portions of 40 CFR part 761. In addition, if the permittee is burning used oil which exceed the mercury limitation and falls below the heat content limitation listed in

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term B.5, then this may trigger the requirement to apply for and obtain an air permit to install.

7. The burning of hazardous waste is prohibited without first complying with all applicable state and federal hazardous waste and air regulations and permits.

8. The permittee shall conduct burner performance tuning for purposes of minimizing emissions. Burner performance tuning shall contain at a minimum the evaluation of and adjustment to manufacturer's specifications of the following:

   a. Fuel flow to the burner (for fuel oil and on spec used oil);

   b. Differential pressure of the baghouse to ensure proper air flow through the plant;

   c. Flue gas analysis (of gases present in the drum and or stack) for CO, O2, CO2, and NOx;

   d. Fuel pressure; and

   e. For burners that require compressed air for proper operation, correct pressure at the burner;

9. The permittee shall conduct the burner tuning procedure within 15 production days after commencement of the production season in the State of Ohio. The permittee shall conduct another burner tuning procedure within 10 production days before or after June 1st of each year and within 10 production days before or after September 1st of each year. For purposes of this permit, the production season is defined as the time period between the date the first ton of asphalt is produced and the date the last ton of asphalt is produced during the same calendar year. A burner tuning is not required if the production season ends prior to the associated tuning due date. If the initial season tuning is done within 30 days prior to June 1 or September 1, the tuning associated with that due date is not required.

10. In addition to the burner tuning procedure required above, the permittee shall conduct the burner tuning procedure within 20 production days from the date the facility switches to a fuel that is different than the fuel burned during the initial emissions tests that establish the pollutant baseline levels or the fuel burned during the most recent burner tuning procedure, whichever is later.

11. The on-spec used oil, #2 fuel oil, #4 fuel oil, and #6 fuel oil shall meet the following requirements:

    a. for on-spec used oil:

       i. The sulfur content shall not exceed 0.5 weight percent;

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ii. The on-spec used oil shall have a minimum heat content of 135,000 Btu/gal.

b. for #2 fuel oil:

i. The sulfur content shall not exceed 0.5 weight percent;

ii. The #2 fuel oil shall have a minimum heat content of 135,000 Btu/gal.

c. for #4 fuel oil:

i. The sulfur content shall not exceed 0.8 weight percent;

ii. The #2 fuel oil shall have a minimum heat content of 135,000 Btu/gal.

d. for #6 fuel oil:

i. The sulfur content shall not exceed 1.0 weight percent;

ii. The #6 fuel oil shall have a minimum heat content of 135,000 Btu/gal.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, 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.

2. Except as otherwise provided in this section, the permittee shall perform inspections of the fugitive material handling operations in accordance with the following frequencies:

material handling operation(s)	minimum inspection frequency
all material unloading into feeder bins	once during each day of operation
all material transfer from feeder bin conveyor to dryer feed conveyor	once during each day of operation
all material transfer from dryer feed conveyor to dryer	once during each day of operation

3. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during times of asphaltic concrete production.

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4. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or 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.

5. 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.

6. The permittee shall maintain monthly records of the following information:

   a. Asphalt production rate in tons per month.

   b. Beginning after the first 12 calendar months of operation under the provisions of this permit, the rolling, 12-month summation of the monthly asphalt production rate.

      Also, during the first 12 calendar months of operation under the provisions of this permit, the permittee shall record the cumulative asphalt production rate for each calendar month.

7. The permittee shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:

   a. The date of the shipment or delivery.

   b. The quantity of used oil received.

   c. The Btu value of the used oil, in Btu/gallon.

   d. The flash point of the used oil, in Btu/gallon.

   e. The arsenic content, in ppm.

   f. The cadmium content, in ppm.

   g. The chromium content, in ppm.

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h. The lead content, in ppm.

i. The PCB content, in ppm.

j. The total halogen content, in ppm.

k. The mercury content, in ppm.

Each analysis shall be kept in a readily accessible location for at least 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. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analysis through an independent laboratory or any used oil shipment received by this facility, of any used oil stored at this facility, or of any used oil sampled at the dryer.

8. The permittee shall properly operate and maintain portable devices to monitor the concentration of NOx, CO, O2, and CO2 present in the flue gases generated within the drum and/or stack during the burner performance tuning. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall maintain records of each portable monitoring device's calibration.

9. While performing the required burner tuning, the permittee shall record the following information:

   a. Date of the burner tuning;

   b. Results of the evaluation of the operating parameters listed above in A.2.e;

   c. Detail list of adjustments and/or repairs made to bring the operating parameters into conformance with the manufacturer's specifications; and

   d. Type of fuel(s) employed during the burner tuning.

10. For each shipment of on-spec used oil, #2 fuel oil, #4 fuel oil, and #6 fuel oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content (in weight percent) and heat content (Btu/gal). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

11. The permittee shall perform daily visible emission checks, when the emissions unit is in operation (checks shall be performed during times of asphaltic concrete production) and when the weather conditions allow, for any visible fugitive particulate emissions

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from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, and/or pug mill. If visible particulate emissions are observed, the permittee shall note the following in the operation log:

a. the color and location of the visible particulate emissions;

b. the total duration of the visible particulate emission incident; and

c. corrective actions taken to eliminate the visible particulate emissions.

The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned visible particulate emissions check frequency if operating experience indicates that less frequent checks would be sufficient to ensure compliance with the visible particulate emissions requirements.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.

2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month asphalt production limitation and for the first 12 calendar months of operation under the provisions of this permit, all exceedances of the maximum allowable cumulative asphalt production levels.

3. The permittee shall submit deviation reports that identify any of the following occurrence:

   a. each day during which an inspection was not performed by the required frequency; and

   b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

4. Deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

5. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761 and shall also notify Ohio EPA if any used oil exceed the mercury limitation and falls below the heat content limitation listed in term B.4 within thirty days after the exceedance occurs. If the permittee is burning used oil which exceeds the specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR

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part 761, the permittee is subject to that rule and must comply with all applicable provisions of that rule(s).

6. The permittee shall submit burner tuning reports to the Ohio EPA, Southeast District Office by January 31st of each year that summarize the results of each burner tuning performed during the past calendar year.

7. The permittee shall submit deviation (excursion) reports that identify all exceedances of the following:

   a. the sulfur content restriction for:

      i. on-spec used oil
      ii. #2 fuel oil
      iii. #4 fuel oil
      iv. #6 fuel oil

   b. the heat content restriction:

      i. on-spec used oil
      ii. #2 fuel oil
      iii. #4 fuel oil
      iv. #6 fuel oil

   These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

8. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, and/or pug mill and (b) describe any corrective actions taken to eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Southeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

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

   a. Emission Limitation:
      0.04 gr PE/dscf of exhaust gas, 11.88 pounds particulate emissions (PE) per hour;

      Applicable Compliance Method:
      Compliance shall be determined by testing requirements specified in section E.2.

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b. Emission Limitation:
9.90 tons PE per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by the AP-42 emission factor of 0.033 lb PE/ton of product, in Table 11.1-3 (12/00) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

c. Emission Limitation:
3.00 tons fugitive PE per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying an AP-42 emission factor of 0.01 lb PE/ton of material loaded, in section 13.2.4.3 (1/95) by a maximum annual material handling operations throughput of 600,000 tons and dividing by 2000 lbs/ton. The maximum annual material handling throughput is based on the annual asphalt production restrictions of 600,000 tons per rolling 12-month period. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

d. Emission Limitation:
36.00 sulfur dioxide (SO2) per hour when burning #2, #4, #6, and on-spec used oil.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

e. Emission Limitation:
30.00 tons SO2 per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.10 lb SO2/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

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f. Emission Limitation:
1.08 pounds SO2 hour when burning natural gas

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum hourly production rate of 360 tons by the AP-42 emission factor of 0.003 lb SO2/ton of product, in Table 11.1-7 (12/00) . If required the permittee shall demonstrate compliance with the lb/hr limitation in accordance with Method 6 of 40 CFR Part 60, Appendix A.

g. Emissions Limitation:
27.00 pounds nitrogen oxide (NOx) per hour when burning #2, #4, #6, and on-spec oil.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

h. Emissions Limitation:
22.50 tons NOx per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.075 lb NOx/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

i. Emission Limitation:
9.36 pounds NOx hour when burning natural gas

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum hourly production rate of 360 tons by the AP-42 emission factor of 0.026 lb NOx/ton of product, in Table 11.1-7 (12/00) . If required the permittee shall demonstrate compliance with the lb/hr limitation in accordance with Method 7 of 40 CFR Part 60, Appendix A.

j. Emissions Limitation:
98.64 pounds carbon monoxide (CO) per hour when burning #2, #4, #6, and on-spec oil.

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Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2

k. Emissions Limitation:
82.20 tons CO per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.274 lb CO/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

l. Emission Limitation:
46.80 pounds CO hour when burning natural gas

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum hourly production rate of 360 tons by the AP-42 emission factor of 0.13 lb CO/ton of product, in Table 11.1-7 (12/00) . If required the permittee shall demonstrate compliance with the lb/hr limitation in accordance with Method 10 of 40 CFR Part 60, Appendix A.

m. Emissions Limitation:
72.00 pounds volatile organic compounds (VOC) per hour

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

n. Emissions Limitation:
60.00 tons VOC per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.20 lb VOC/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

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o. Emissions Limitation:
Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method:
If required, compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with Test Method 9 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

p. Emission Limitation:
Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.

Applicable Compliance Method:
If required compliance shall be demonstrated in accordance with USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

q. Emission Limitation:
No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, and/or pug mill.

Applicable Compliance Method:
If required compliance shall be demonstrated in accordance with USEPA Reference Method 22 of 40 CFR Part 60, Appendix A.

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

a. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after initial startup of the emissions unit.

b. The emission testing shall be conducted to demonstrate compliance with the following:

i. 11.88 lbs/hr PE

ii. 0.04 gr/dscf

iii. 36.00 lbs/hr SO2

iv. 82.20 lbs/hr CO

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v. 72.00 lbs/hr VOC

vi. 27.00 lbs/hr NOx

c. The emission testing shall also be conducted to verify the following company supplied emission factors:

i. 0.10 lbs SO2/ton of product

ii. 0.075 lbs NOx/ton of product

iii. 0.274 lbs CO/ton of product

iv. 0.20 lbs VOC/ton of product

d. The following test method(s) shall be employed to demonstrate compliance with the above emission limitations and verify company supplied emission factors:

i. Methods 1 - 4 of 40 CFR Part 60, Appendix A

ii. for PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.

iii. for SO2- Method 6, of CFR Part 60, Appendix A.

iv. for CO- Method 10, of CFR Part 60, Appendix A.

v. for NOx- Method 7 , of CFR Part 60, Appendix A.

vi. for VOC- Method 18, 25, or 25A of CFR Part 60, Appendix A.

The test(s) shall be conducted while the emissions unit is operating at its maximum capacity unless otherwise specified or approved by the appropriate Ohio EPA District or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for particulate emissions. (e.g. "Virgin aggregate"/slag.) This "Worst Case" scenario shall be pre-approved by the Ohio EPA, Division of Air Pollution Control, Southeast District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emission 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 field office's refusal to accept the results of the emissions test(s).

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

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

F. Miscellaneous Requirements

1. The terms and conditions contained in Part II. A.1 through E.2 are federally enforceable.

2. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

   a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

   b. the portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;

   c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Southeast District Office (SEDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

   d. in SEDO's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

3. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

   c. the portable emission unit owner has identified the proposed site to Ohio EPA;

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d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,

g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to section F.2. above, shall be valid for no longer than three years and are subject to renewal.

4. In order for SEDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a “Notice of Intent to Relocate”, within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the SEDO (2195 Front Street, Logan OH 43138) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

5. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V applicability.

The permittee shall include a potential to emit analysis of facility-wide emissions (including the portable sources) for the proposed relocation in the "Notice of Intent to Relocate".

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