



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION
TUSCARAWAS COUNTY**

CERTIFIED MAIL

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: 06-07733

Fac ID: 0679000270

DATE: 12/19/2006

Oster Enterprises (Canton Asphalt Co.)
John Beck
1833 Riverside Dr NW
Massillon, OH 44647

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, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: USEPA

SEDO



Permit To Install
Terms and Conditions

Issue Date: 12/19/2006
Effective Date: 12/19/2006

FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 06-07733

Application Number: 06-07733
Facility ID: 0679000270
Permit Fee: **\$625**
Name of Facility: Oster Enterprises (Canton Asphalt Co.)
Person to Contact: John Beck
Address: 1833 Riverside Dr NW
Massillon, OH 44647

Location of proposed air contaminant source(s) [emissions unit(s)]:
3467 Dover Zoar Rd.
Bolivar, Ohio

Description of proposed emissions unit(s):
Administrative modification to correct VOC emission limit.

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

Director

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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 (i.e., postmarked) quarterly 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

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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)

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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.

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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

<u>Pollutant</u>	<u>Tons Per Year</u>
PE (stack)	9.0
SO ₂	14.5
NO _x	13.8
CO	32.5
VOC	16.5

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PE (fugitive)

8.6

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Emissions Unit ID: P902

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

P902 - 250 ton/hour drum mix
asphalt plant vented to a
baghouse

Administrative modification to
correct VOC allowable emission
rate.

Terms in this permit supersede
those identified for this
emissions unit in PTI #06-7733
issued May 5, 2005.

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Emissions Unit ID: P902

aggregate storage bins, cold
aggregate elevator

Applicable Rules/Requirements

OAC rule 3745-18-06(E)

OAC rule 3745-31-05(A)(3)

OAC rule 3745-23-06(B)

OAC rule 3745-31-05(C)

40 CFR Part 60, Subpart I

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

OAC rule 3745-17-11 (A)

OAC rule 3745-31-05 (A)(3)

Applicable Emissions <u>Limitations/Control Measures</u>	
Emissions of carbon monoxide (CO) shall not exceed 32.5 lbs/hour.	rule 3745-31-05(A)(3). The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Emissions of oxides of nitrogen (NOx) shall not exceed 13.8 lb/hour.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Emissions of sulfur dioxide (SO ₂) shall not exceed 14.5 lb/hour.	See Section A.2.b.
Emissions of volatile organic compounds (VOC) shall not exceed 16.5 lb/hour.	Particulate emissions (PE) from the baghouse stack shall not exceed 9.0 TPY based upon a rolling, 12-month summation of the monthly emissions.
Emissions of particulate matter shall not exceed 0.03 grains/dscf of exhaust gases.	Fugitive PE shall not exceed 1.4 TPY based upon a rolling, 12-month summation of the monthly emissions.
Visible particulate emissions from the stack serving this emissions unit shall be less than or equal to 20 percent opacity, as a 3-minute average.	Emissions of CO shall not exceed 32.5 TPY based upon a rolling, 12-month summation of the monthly emissions.
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).	Emissions of NOx shall not exceed 13.8 TPY based upon a rolling, 12-month summation of the monthly emissions.
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC	Emissions of SO ₂ shall not exceed 14.5 TPY based upon a rolling, 12-month summation of the

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monthly emissions.

Emissions of VOC shall not exceed 16.5 TPY based upon a rolling, 12-month summation of the monthly emissions.

See Section B.1.

Visible emissions of fugitive dust shall be less than or equal to 10% opacity, as a 3-minute average.

Fugitive PE shall not exceed 1.4 lbs/hr.

The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the elevator loading area.

The aggregate loaded into the storage bins shall have a moisture content sufficient to minimize or eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer.

2. Additional Terms and Conditions

- 2.a** In accordance with OAC rule 3745-31-05, this emissions unit has been approved for the use of recycled asphalt products.
- 2.b** The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06, by committing to

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comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

- 2.c** The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

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B. Operational Restrictions

1. The maximum annual operating rate for this emissions unit shall not exceed 500,000 tons of asphalt production, based upon a rolling 12-month summation of the asphalt production.
2. All used oil burned in this emissions unit shall be "on-specification" (on-spec) oil which meets the following limitations:

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	4,000 ppm maximum*
mercury	1 ppm, maximum
flash point	100°F, minimum
heat content	135,000 Btu/gallon, minimum

* Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under paragraph (B)(1) of rule 3745-279-10 of the Administrative Code. The permittee may receive and burn used oil exceeding 1,000 ppm total halogens (but less than 4,000 ppm maximum) only if the supplier/marketer has certified, in writing, that the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63. The burning of used oil qualifying as hazardous waste is prohibited in this emissions unit.

3. The burning of hazardous waste is prohibited without first complying with all applicable state and federal hazardous waste and air regulations and permits.
4. The permittee shall only burn low sulfur fuels, containing less than 0.5% sulfur by weight, in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the baghouse stack and any visible particulate emissions from the aggregate storage bins

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and cold aggregate elevator associated with this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

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- a. the color of the emissions;
- b. whether the emissions are representative of normal operations;
- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to minimize or eliminate the visible emissions.

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

2. The permittee shall maintain monthly records of the following information:
 - a. The asphalt production, in tons, for each month.
 - b. The rolling, 12-month summation of the asphalt production, in tons.
3. The permittee shall receive the chemical analyses from the supplier/marketer for each shipment of used oil burned in this emissions unit, which shall contain the following information:
 - a. the date the used oil was received at the facility;
 - b. the name, address, and USEPA identification number (if applicable) of the supplier/marketer;
 - c. the results of the chemical analyses demonstrating the used oil meets the standards in OAC 3745-279-11, including:

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- i. arsenic content, in ppm;
- ii. the cadmium content, in ppm;
- iii. the chromium content, in ppm;

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- iv. the lead content, in ppm;
 - v. total halogens, in ppm; and
 - vi. flash point;
- d. the analysis demonstrating that the used oil is below 1,000 ppm total halogens or the certification for the rebuttal of the assumption that the oil is hazardous waste or has been mixed with hazardous waste, as described in OAC rule 3745-279-63 (B); and
- e. the results of the analyses demonstrating that the used oil meets the heating value and mercury and PCB limitations contained in this permit.

Each analysis shall be kept in a readily accessible location for at least 5 years and shall be made available to the director (the Ohio EPA Southeast District Office) upon verbal or written request. The director, or any authorized representative of the director, may require or may conduct periodic detailed chemical analyses, by the agency (Ohio EPA) or through an independent laboratory, of any used oil shipments received by this facility or any used oil stored at this facility.

D. Reporting Requirements

1. The permittee shall submit semiannual written reports that include the following:
 - a. An identification of all days during which any visible PE or fugitive PE were observed from the baghouse stack and the aggregate storage bins and cold aggregate elevator associated with this emissions unit.
 - b. A description of any corrective actions taken to minimize or eliminate the visible particulate emissions.

These reports shall be submitted to the Ohio EPA, Southeast District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.

2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month asphalt production limitation. These reports shall be submitted in accordance with Section A.2 of the General Terms and Conditions of this permit.
3. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

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- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days or less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P. O. Box 163669
Columbus, Ohio 43216-3669

and

Southeast District Office
2195 Front Street
Logan, Ohio 43138

4. The permittee shall notify the U.S. EPA and the Ohio EPA Southeast District Office, in writing and within 30 days, of burning any used oil exceeding the on-spec oil limitations found in OAC rule 3745-279-11 and/or any incident or occurrence of non-compliance with any other applicable requirement of 40 CFR part 279; and shall also notify the Ohio EPA, within the same amount of time, if any oil is/was burned which exceeds the mercury limitation of 1 ppm and/or is documented as having a heating value of less than 135,000 Btu/gallon.
5. The permittee shall submit deviation (excursion) reports which identify any exceedance of the sulfur content fuel restriction specified in Section B.4. The notification shall be sent to the Ohio EPA, Southeast District Office within 30 days after the exceedance 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:
Emissions of particulate matter shall not exceed 0.03 grains/dscf of exhaust gases.
PE shall not exceed 9.0 TPY based upon a rolling, 12-month summation of the monthly emissions.

Compliance Method:

Particulate emissions have been determined according to test Methods 1 - 5, as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

Compliance with the annual limit shall be determined by multiplying the tested emission rate, as determined by the latest stack test, in pounds of emissions per ton of asphalt production, by the 12-month asphalt production as recorded in Section C.2, in tons per year and dividing by 2000 pounds per ton. This limit is based on the following calculation:

$$(0.03 \text{ gr/dscf})(35000 \text{ cfm})(60 \text{ min/hr})(1 \text{ lb}/7000 \text{ gr})(2000 \text{ hr/yr})(0.0005 \text{ ton/lb}) = 9.0 \text{ TPY}$$

- b. Emission Limitation:
Emissions of volatile organic compounds (VOC) shall not exceed 16.5 lb/hour.
Emissions of VOC shall not exceed 16.5 TPY based upon a rolling, 12-month summation of the monthly emissions.

Compliance Methods:

The VOC emission rate, with the emissions unit operating at or near capacity and with no controls on VOC emissions, was determined for P902 in a performance test on July 6, 2006, using test Methods 1-4 and 25 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources." The allowable rate for this emissions unit was established as the average of the three one-hour values, plus a margin of safety of 15 percent.

Compliance with the annual limit shall be determined by multiplying the tested emission rate, as determined by the latest stack test, in pounds of emissions per ton of asphalt production, by the 12-month asphalt production as recorded in Section C.2, in tons per year and dividing by 2000 pounds per ton.

- c. Emissions Limitation:

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Emissions of sulfur dioxide (SO₂) shall not exceed 14.5 lb/hour
Emissions of SO₂ shall not exceed 14.5 TPY based upon a rolling, 12-month summation of the monthly emissions.

Compliance Method:

Sulfur dioxide emissions have been determined according to test Methods 1 - 4, and 6 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

Initial compliance has been demonstrated by multiplying the emission factor from AP-42, Table 11.1-7 (12/00), 0.058 pounds of emissions per ton of production, by the maximum hourly production rate of 250 tons per hour to obtain 14.5 lb SO₂ per hour.

Compliance with the annual limit shall be determined by multiplying the tested emission rate, as determined by the latest stack test, in pounds of emissions per

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ton of asphalt production, by the 12-month asphalt production as recorded in Section C.2, in tons per year and dividing by 2000 pounds per ton.

- d. Emissions Limitation:
Emissions of oxides of nitrogen (NO_x) shall not exceed 13.8 lb/hour.
Emissions of NO_x shall not exceed 13.8 TPY based upon a rolling, 12-month summation of the monthly emissions.

Compliance Method:

Nitrogen oxides emissions have been determined according to test Methods 1 - 4, and 7 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

Initial compliance has been demonstrated by multiplying the emission factor from AP-42, Table 11.1-7 (12/00), 0.055 pounds of emissions per ton of production, by the maximum hourly production rate of 250 tons per hour to obtain 13.75 lb NO_x per hour.

Compliance with the annual limit shall be determined by multiplying the tested emission rate, as determined by the latest stack test, in pounds of emissions per ton of asphalt production, by the 12-month asphalt production as recorded in Section C.2, in tons per year and dividing by 2000 pounds per ton.

- e. Emissions Limitation:
Emissions of carbon monoxide (CO) shall not exceed 32.5 lbs/hour.
Emissions of CO shall not exceed 32.5 TPY based upon a rolling, 12-month summation of the monthly emissions.

Compliance Method:

Carbon monoxide emissions have been determined according to test Methods 1 - 4, and 10 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources".

Initial compliance has been demonstrated by multiplying the emission factor from AP-42, Table 11.1-7 (12/00), 0.13 pounds of emissions per ton of production, by the maximum hourly production rate of 250 tons per hour to obtain 32.5 lb CO per hour.

Compliance with the annual limit shall be determined by multiplying the tested

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emission rate, as determined by the latest stack test, in pounds of emissions per ton of asphalt production, by the 12-month asphalt production as recorded in Section C.2, in tons per year and dividing by 2000 pounds per ton.

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- f. Emission Limitation:
Visible particulate emissions from the stack serving this emissions unit shall be less than or equal to 20 percent opacity, as a 3-minute average.
- Compliance Method:
If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.
- g. Emission Limitation:
Visible emissions of fugitive dust shall be less than or equal to 10% opacity, as a 3-minute average.
- Compliance Method:
If required, visible particulate emissions shall be determined according to test Method 9 as set forth in the "Appendix on Test Methods" in 40 CFR, Part 60 "Standards of Performance for New Stationary Sources" as such appendix existed on July 1, 2002.
- h. Emission Limitation
- Annual emission shall not exceed 1.4 TPY of fugitive particulate emissions as a rolling 12-month summation.
- Applicable Compliance Method
- Compliance with the annual emissions limitation shall be determined using the following worst case calculation, where total fugitive emissions equal the summation of the fugitives from the aggregate storage bins, cold aggregate elevator, and associated operations:
- $$((363,635 \text{ tons of aggregate/year} \times 0.0069 \text{ lb PE/ton of aggregate}) + (136,365 \text{ tons of sand/year} \times 0.0021 \text{ lb PE/ton of sand})) \times (0.0005 \text{ ton/lb}) = 1.40 \text{ ton}$$
- The emissions factors in the above equation are derived from AP-42, Table 11.12-2 (10/01).
- i. Emission Limitation

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Emissions of fugitive particulate emissions shall not exceed 1.4 pounds per hour

Applicable Compliance Method

Compliance with the hourly emissions limitation shall be determined using the following worst case calculation, where total fugitive emissions equal the summation of the fugitives from the aggregate storage bins, cold aggregate elevator, and associated operations:

$$((182 \text{ tons of aggregate/hour} \times 0.0069 \text{ lb PE/ton of aggregate}) + (68 \text{ tons of sand/hour} \times 0.0021 \text{ lb PE/ton of sand})) = 1.4 \text{ lbs PE/hr}$$

The emissions factors in the above equation are derived from AP-42, Table 11.12-2 (10/01).

F. Miscellaneous Requirements

None.