

State of Ohio Environmental Protection Agency

Street Address:

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

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

**RE: DRAFT PERMIT TO INSTALL MODIFICATION
MONTGOMERY COUNTY
Application No: 08-03264**

CERTIFIED MAIL

DATE: 8/8/2002

Valley Asphalt Corp Plant 7
Daniel Crago
11641 Mosteller Rd
Cincinnati, OH 45241-1520

| | |
|----------------------------------|------------------------------|
| | TOXIC REVIEW |
| | PSD |
| Y | SYNTHETIC MINOR |
| | CEMS |
| | MACT |
| NSPS 40 CFR Part 60 Subpart 1 | NSPS |
| | NESHAPS |
| | NETTING |
| | MAJOR NON-ATTAINMENT |
| | MODELING SUBMITTED |
| | GASOLINE DISPENSING FACILITY |

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of \$ 0 will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

RAPCA

Miami Valley Regional Planning Commission

KY

IN



Permit To Install

Issue Date: To be entered upon final issuance

Terms and Conditions

Effective Date: To be entered upon final issuance

DRAFT MODIFICATION OF PERMIT TO INSTALL 08-03264

Application Number: 08-03264

APS Premise Number: 0857821893

Permit Fee: **To be entered upon final issuance**

Name of Facility: Valley Asphalt Corp Plant 7

Person to Contact: Daniel Crago

Address: 11641 Mosteller Rd
Cincinnati, OH 45241-1520

Location of proposed air contaminant source(s) [emissions unit(s)]:

**6900 Rip Rap Rd
Dayton, Ohio**

Description of proposed emissions unit(s):

bituminous asphalt batch plant.

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

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

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

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions

and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

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

10. Public Disclosure

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

11. Applicability

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

12. Best Available Technology

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

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

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within thirty (30) days after commencing operation of the source(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> |
|----------------------------|----------------------|
| Particulate emissions | 15.56 |
| Sulfur dioxide | 22.0 |
| Volatile organic compounds | 8.68 |
| Nitrogen oxides | 13.33 |
| Carbon monoxide | 86.25 |
| Lead | 0.36 |
| HCl | 0.09 |

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

A. Applicable Emissions Limitations and/or Control Requirements

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

| <u>Operations, Property, and/or Equipment</u> | <u>Applicable Rules/Requirements</u> | <u>Applicable Emissions Limitations/Control Measures</u> |
|--|--------------------------------------|--|
| P001 - Asphaltic Concrete Batch Plant, rotary dryer, hot aggregate elevator, vibrating screens and weigh hopper, 180 TPH with a baghouse | OAC rule 3745-31-05(A)(3) | 11.2 lbs/hr particulate, 15.8 lbs/hr SO ₂ , 6.25 lbs/hr VOC, 9.60 lbs/hr NO _x , 62.1 lbs/hr CO, 0.40 lb/hr Pb, 0.10 lb/hr HCl, and 0.04 gr/dscf of exhaust gas. |
| | OAC rule 3745-17-07 | The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07, OAC rule 3745-35-07(B), 40 CFR Part 60, Subpart I, and OAC rule 3745-17-08. |
| | OAC rule 3745-35-07(B) | Less than or equal to 20 percent opacity as a 6-minute average, from the stack, except as provided by the rule |
| | OAC rule 3745-17-08 | 15.56 TPY particulate, 22.0 TPY SO ₂ , 8.68 TPY VOC, 13.33 TPY NO _x , 86.25 TPY CO, 0.36 TPY Pb and 0.09TPY HCl |
| | | The above tons/year limitations are rolling, 12-month summations |
| | | No visible emissions of fugitive dust |

| | | |
|--|---|---|
| | <p>OAC rule 3745-17-11</p> <p>40 CFR Part 60, Subpart I</p> | <p>from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper.</p> <p>See Section A.2.c.</p> <p>The emissions limitation specified by this rule is equal to or less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).</p> |
| <p>Aggregate Storage Bins and Cold Aggregate Elevators</p> | <p>OAC rule 3745-31-05(A)(3)</p> | <p>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 visible emissions of fugitive dust shall not exceed 20 percent opacity as a 3-minute average.</p> <p>The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-08.</p> |
| | <p>OAC rule 3745-17-08</p> | <p>The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the elevator and the transfer point to the dryer.</p> |

2. Additional Terms and Conditions

- 2.a** The 11.2 lbs/hr of particulate, 15.8 lbs/hr of SO₂, 6.25 lbs/hr of OC, 9.60 lbs/hr of NO_x, 62.1 lbs/hr of CO, 0.40 lb/hr of lead, and 0.10 lb/hr of HCl emissions limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.
- 2.b** This emissions unit has been approved for the use of recycled asphalt products.
- 2.c** The lb/hr particulate limitation based on OAC rule 3745-17-11 is less stringent than the lb/hr particulate limitation established in accordance with the best available technology requirements specified in OAC rule 3745-31-05.

B. Operational Restrictions

1. Specifications for the Used Oil Burned in the Dryer

All recycled, used oil burned in this emissions unit shall meet the following specifications:

| Contaminant/Property | Allowable Specification* |
|----------------------|-----------------------------|
| arsenic | 5 ppm, maximum |
| cadmium | 5 ppm, maximum |
| chromium | 25 ppm, maximum |
| lead | 150 ppm, maximum |
| PCB's | 10 ppm, maximum |
| total halogens | 5000 ppm, maximum |
| mercury | 1 ppm, maximum |
| flash point | 100 degrees F, minimum |
| heat content | 135,000 Btu/gallon, minimum |

*Some or all of these used oil specifications exceed the Resource Conservation & Recovery Act Standards of 40 CFR Part 266.40 and OAC rule 3745-58-50, thereby, making the used oil off-specification.

2. The permittee may not receive or burn any used oil which does not meet the specifications listed above. An exceedance would be considered a violation of Ohio Administrative Code 3745-31-02.
3. Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR Part 266.40(c) and OAC rule 3745-58-50. Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 5000 ppm, maximum) only if the supplier ["marketer" in 40 CFR Part 266.43(a)] has demonstrated to the Ohio EPA's Division of Solid and Hazardous Waste Management that the used oil does not contain any hazardous waste.
4. Used Oil On-Site Sampling/Analytical Requirements

The permittee shall sample each incoming shipment of used oil. The sampling frequency for used oil shall be one (1) properly labeled 500 ml sample for each truck or container delivery. The sample shall be taken and retained for at least sixty (60) days.

RAPCA and Ohio EPA may require and/or conduct periodic, detailed chemical analyses through an independent laboratory of any used oil received at this facility; of any sample retained, as required above; and of any storage tanks at this facility.

Additionally, this facility shall provide a plan for documenting that the used oil does not contain any hazardous waste as specified under 40 CFR Parts 261 and 279.

5. The maximum annual production rate for this emissions unit shall not exceed 500,000 tons, based

upon a rolling, 12-month summation of the production rates. The permittee has existing production records such that there is no need for first year monthly batch production limitations.

6. To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse of not less than 2 or greater than 8 inches of water shall be maintained at all times.
7. The permittee shall install, operate and maintain a bag leakage detection system.
8. The sulfur content of the fuel oil supplied to this emissions unit shall not exceed 0.4% by weight.

C. Monitoring and/or Recordkeeping Requirements

1. 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. Date of shipment or delivery,
 - b. Quantity of used oil received,
 - c. The BTU value of the used oil,
 - d. The flash point of the used oil,
 - e. The arsenic content,
 - f. The cadmium content,
 - g. The chromium content,
 - h. The lead content,
 - i. The PCB content,
 - j. The total halogen content, and
 - k. The mercury content.

Each analysis shall be kept in a readily accessible location for at least 3 years and shall be made available to the Director (the appropriate 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 analyses through an independent laboratory of 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.

2. The permittee shall maintain monthly records of the following information:
 - a. The production rate for each month.
 - b. The amount, in gallons, of used oil received.
 - c. The amount, in gallons, of used oil burned.

- d. The chemical analysis received for each shipment of used oil.
3. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the fabric filter.
4. The permittee shall check the pressure drop once a day and maintain daily records of the pressure drop readings.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month production rate limitation.
2. The permittee shall notify the USEPA and the Ohio EPA (the appropriate District Office or local air agency) if any of the used oil exceeds the used oil specifications. An identification number from USEPA shall be obtained prior to the combustion of any used oil.

Before the permittee accepts the first shipment of any off-specification used oil from a marketer, the permittee must provide the marketer a one-time, written and signed notice certifying that:

- a. the company has notified USEPA of its used oil management activities and that the notice included the location and description of those activities; and
- b. the company will burn the used oil only in an industrial furnace or boiler identified in 40 CFR Part 266.41(b) and OAC rule 3745-58-42.

A copy of each certification notice that the permittee sends to a marketer must be kept on file for a minimum of 5 years from the date it last received off-specification used oil from that marketer.

3. The permittee shall submit deviation (excursion) reports which identify all exceedances of the above-mentioned allowable pressure drop range for the baghouse.

E. Testing Requirements

1. Compliance Methods

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 -
0.04 gr/dscf of exhaust gases, 11.2 lbs/hr of particulates

Applicable Compliance Method -

Compliance with the hourly allowable particulate emission limitation shall be based on multiplying the maximum hourly production rate of 180 TPH by the facility based emission factor of 0.0228 lb PM/ton of asphaltic concrete production from the emissions test conducted on 8-16-01, in accordance with USEPA Reference Methods 1- 5, 70 CFR, Part 60, Appendix A.

- b. Emission Limitation -
15.56 TPY particulate

Applicable Compliance Method -

Compliance shall be based on the recordkeeping specified in C.2., multiplying each 12-month production summation by the facility based emission factor of 0.0228 lb PM/ton of asphaltic concrete production from the 8-16-01 emissions test and dividing by 2,000 lbs/ton.

- c. Emission Limitation -
15.8 lbs/hr SO₂

Applicable Compliance Method -

Compliance with the hourly allowable SO₂ emission rate shall be determined by multiplying the maximum hourly production rate of 180 tons/hr by the emission factor of 0.088 lb SO₂/ton of asphaltic concrete production (AP-42 Section 11.1: Hot Mix Asphalt Plants, Table 11.1-5, 12/00). If required, compliance shall be based on conducting a stack test in accordance with either USEPA Reference Method 6, of 40 CFR Part 60, Appendix A..

- d. Emission Limitation -
22.0 TPY SO₂

Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by the emission factor of 0.088 lb SO₂/ton of asphaltic concrete production (AP-42 Section 11.1: Hot Mix Asphalt Plants, Table 11.1-5, 12/00) and dividing by 2,000 lbs/ton.

- e. Emission Limitation -
6.25 lbs/hr OC

Applicable Compliance Method -

Compliance with the hourly allowable OC emission rate shall be determined by multiplying the maximum hourly production rate of 180 tons/hour by the emission factor of 0.0082 lb OC/ton of asphaltic concrete production (AP-42 Section 11.1: Hot Mix Asphalt Plants, Table 11.1-6, 12/00). If required, compliance shall be based on conducting a stack test in accordance with either USEPA Reference Method 25 or 25A (as appropriate), of 40 CFR Part 60, Appendix A.

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Emissions Unit ID: P001

- f. Emission Limitation -
8.68 TPY OC

Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by the emission factor of 0.0082 lb OC/ton of asphaltic concrete production (AP-42 Section 11.1: Hot Mix Asphalt Plants, Table 11.1-6, 12/00), and dividing by 2,000 lbs/ton.

- g. Emission Limitation -
9.60 lbs/hr NOx

Applicable Compliance Method -

Compliance with the hourly allowable NOx emission limitation shall be based on multiplying the maximum hourly production rate of 180 TPH by the facility based emission factor of 0.0415 lb NOx/ton of asphaltic concrete production from the emissions test conducted on 8-16-01, in accordance with USEPA Reference method 7 or 7A (as appropriate), of CFR Part 60.

- h. Emission Limitation -
13.33 TPY NOx

Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by the facility based emission factor of 0.0415 lb NOx/ton of asphaltic concrete production from the 8-16-01 emissions test and dividing by 2,000 lbs/ton.

- i. Emission Limitation -
62.1 lbs/hr CO

Applicable Compliance Method -

Compliance with the hourly allowable CO emission limitation shall be based on multiplying the maximum hourly production rate of 180 TPH by the facility based emission factor of 0.125 lb CO/ton of asphaltic concrete production from the emissions test conducted on 8-16-01, in accordance with USEPA Reference Method 10, of 40 CFR Part 60, Appendix A.

- j. Emission Limitation -
86.25 TPY CO

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Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by the facility based emission factor of 0.125 lb CO/ton of asphaltic concrete production from the 8-16-01 emissions test and dividing by 2,000 lbs/ton.

- k. Emission Limitation -
0.40lb/hr Lead

Applicable Compliance Method -

Compliance with the hourly allowable lead emission limitation shall be based on multiplying the maximum hourly production rate of 180 TPH by the facility based emission factor of 0.00062 lb Pb/ton of asphaltic concrete production from the emissions test conducted on 5-30-96, in accordance with USEPA Reference Method 12 of 40 CFR Part 60, Appendix A.

- l. Emission Limitation -
0.36 TPY Lead

Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by the facility based emission factor of 0.000062 lb Pb/ton of asphaltic concrete production from the 5-30-96 emission test and dividing by 2,000 lbs/ton.

- m. Emission Limitation -
0.10 lb/hr HCl

Applicable Compliance Method -

Compliance with the hourly allowable HCl emission rate shall be determined by multiplying the maximum production rate of 180 tons/hour times a facility derived emission factor of 0.000062 lb HCl/ton of asphaltic concrete production from a 7-22-92 emissions test in accordance with USEPA Reference Method 26 or 26A (as appropriate), of 40 CFR Part 60, Appendix A.

- n. Emission Limitation -
0.09 TPY HCl

Applicable Compliance Method -

Compliance shall be based on the record keeping specified in C.2., multiplying each 12-month production summation by a facility derived emission factor of 0.000062 lb HCl/ton of asphaltic concrete production from a 7-22-92 emissions test in accordance with USEPA Reference Method 26 or 26A (as appropriate), of 40 CFR Part 60, Appendix A. and dividing by 2,000 lbs/ton.

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Emissions Unit ID: P001

- o. Emission Limitation -
20% opacity visible emissions as a 6-minute average (for stack emissions)

Applicable Compliance Method -
OAC rule 3745-17-03(B)(1)

- p. Emission Limitation -
20% opacity visible emissions as a 3-minute average (for fugitive emissions)

Applicable Compliance Method -
OAC rule 3745-17-03(B)(3)

1. Within six months prior to the expiration of this permit, the permittee shall conduct, or have conducted, an emission test(s) for this emissions unit in order to demonstrate compliance with the allowable mass emission rate(s) for particulates, and carbon monoxide. The particulates test(s) shall be conducted in accordance with the test methods and procedures specified in Methods 1 through 5 of 40 CFR Part 60, Appendix A and while the emissions unit is operating at maximum capacity and using only "virgin aggregate". The carbon monoxide test(s) shall be conducted in accordance with the test methods and procedures specified in Methods 1 through 4 and 10 of 40 CFR Part 60, Appendix A and while the emissions unit is operating at maximum capacity and using only "virgin aggregate".

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

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information regarding the emissions unit operating parameters.

A comprehensive written report on the results of the emissions test(s) shall be submitted to the appropriate Ohio EPA District Office or local air agency within 30 days following the completion of the test(s).

F. Miscellaneous Requirements

None