

Synthetic Minor Determination and/or Netting Determination

Permit To Install 14-05537

A. Source Description

This Permit to Install (PTI 14-03756) covers a 350 ton/hour portable asphalt drum plant (emissions unit P904). The permittee is applying for a federally enforceable Synthetic Minor PTI. This permit to install is a modification to PTI 14-03755 to reflect a change in the emission factors and an increased annual production limit.

B. Facility Emissions and Attainment Status

This asphalt plant will be located in Hamilton county which is currently a moderate non-attainment area for ozone and attainment for all other pollutants. The permittee requests to incorporate federally enforceable limitations in this PTI limiting NO_x and CO emissions to less than the major source thresholds to avoid the Title V regulations.

C. Source Emissions

The PTI modification will limit the annual asphalt production in emissions unit P904 to 800,000 tons per year. This PTI will limit the emissions to the following: 12.76 TPY PM, 4.32 TPY PM₁₀, 23.2 TPY SO₂, 48.0 TPY NO_x, 17.6 TPY OC and 52.0 TPY CO. The facility will keep asphalt production records (rolling, 12-month) and submit reports as described in the PTI to ensure compliance with the emission and production limits.

D. Conclusion

The terms and conditions in this PTI will limit the potential emissions to less than the major source threshold for NO_x and CO. The permittee will maintain records and submit reports as outlined in the additional terms and conditions for this emissions unit to demonstrate compliance. Because the allowable NO_x and CO emissions are less than 100 TPY, the permittee will not be subject to the Part 70 Title V requirements.



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

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

Lazarus Gov. Center

**RE: DRAFT PERMIT TO INSTALL CERTIFIED MAIL
HAMILTON COUNTY
Application No: 14-05537**

DATE: 4/27/2004

Valley Asphalt Corp
Dan Crago
11641 Mosteller Rd
Cincinnati, OH 45241-1520

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. 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 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 may be issued in proposed of 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 a fee of **\$1250** 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, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA HCDES OH-KY-IN Regional Council of Gov. KY IN

HAMILTON COUNTY

PUBLIC NOTICE

ISSUANCE OF DRAFT PERMIT TO INSTALL 14-05537 FOR AN AIR CONTAMINANT SOURCE FOR VALLEY ASPHALT CORP

On 4/27/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Valley Asphalt Corp**, located at **11641 Mosteller Rd, Cincinnati**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 14-05537:

350 TPH Hot Drum Mix Asphalt Plant - Modification.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Brad Miller, Hamilton County Department of Environmental Services, 250 William Howard Taft Pkwy, Cincinnati, OH 45219-2660 [(513)946-7777]



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 14-05537

Application Number: 14-05537
APS Premise Number: 1431400140
Permit Fee: **To be entered upon final issuance**
Name of Facility: Valley Asphalt Corp
Person to Contact: Dan Crago
Address: 11641 Mosteller Rd
Cincinnati, OH 45241-1520

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

**11641 Mosteller Rd
Cincinnati, Ohio**

Description of proposed emissions unit(s):

350 TPH Hot Drum Mix Asphalt Plant - Modification.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Valley Asphalt Corp

Facility ID: 1431400140

PTI Application: 14-05537

Issued: To be entered upon final issuance

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

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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

Valley Asphalt Corp
PTI Application: 14-05537

Facility ID: 1431400140

Issued: To be entered upon final issuance

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

- 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

Valley Asphalt Corp
PTI Application: 14-05537

Facility ID: 1431400140

Issued: To be entered upon final issuance

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 ninety (90) 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>
PM	12.76
PM10	4.32
SO2	23.2
NOX	48.0
OC	17.6
CO	52.0

Valley Asphalt Corp
PTI A
Issued

Facility ID: 1431400140

Emissions Unit ID: P904

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

P904 - 350 TPH Hot Mix Asphalt Drum Plant - Modification OAC rule 3745-31-05(A)(3)

40 CFR Part 60, Subpart I

OAC rule 3745-17-08(B)

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	Applicable Emissions <u>Limitations/Control Measures</u>	3745-23-06(B), OAC rule 3745-21-08(B) and 40 CFR Part 60, Subpart I.
OAC rules 3745-17-07(A)	8.76 lbs/hr of particulate matter (PM) and 2.63 lbs/hr of PM10 from the fabric filter exhaust when burning gas or oil	0.04 grains/dry standard cubic foot particulate emissions(see term A.2.a)
OAC rule 3745-17-11(B)	2.45 lbs/hr of PM, fugitive 1.16 lbs/hr of PM10, fugitive	There shall be no visible emissions of fugitive dust from the enclosures for the hot aggregate elevator(s), vibrating screen(s), and weigh hopper(s).
OAC rule 3745-17-07(B)	When burning natural gas: 1.2 lbs/hr SO2; 9.1 lbs/hr NOx; 11.2 lbs/hr OC; 45.5 lbs/hr CO.	The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate emissions of fugitive dust from the elevator loading area.
OAC rule 3745-35-07(B)	When burning #2 fuel oil: 3.85 lbs/hr SO2; 42.0 lbs/hr NOx; 11.2 lbs/hr OC; 45.5 lbs/hr CO.	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.
	When burning used oil: 20.3 lbs/hr SO2 42.0 lbs/hr NOx; 11.2 lbs/hr OC; 45.5 lbs/hr CO.	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
OAC rule 3745-23-06(B)	Visible particulate emissions from the stack shall not exceed 10 percent opacity, as a 6-minute average.	
OAC rule 3745-21-08(B)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B), OAC rule 3745-17-08(B), OAC rule 3745-35-07(B), OAC rule	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

Valley**PTI A**Emissions Unit ID: **P904****Issued: To be entered upon final issuance**

The visible emissions of fugitive dust from this emissions unit shall not exceed 20 percent opacity as a 3-minute average.

52.0 TPY CO**

23.2 TPY SO₂**48.0 TPY NO_x**

12.8 TPY OC**

10.0 TPY PM, stack**

3.0 TPY PM₁₀, stack**

2.76 TPY PM, fugitive**

1.32 TPY PM₁₀, fugitive**

** based on a rolling, 12-month summation

See term A.2.f

See term A.2.f

2. Additional Terms and Conditions

- 2.a** The NSPS limitation of 0.04 gr/dscf is equivalent to the BAT-based limitation of 8.76 lbs/hr from the fabric filter during maximum production.
- 2.b** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission limitations, production limitations, use of a fabric filter, maintaining the aggregate in a moist condition and compliance with the NSPS rule.
- 2.c** All on spec, used oil burned in this emissions unit shall meet the following specifications:

Contaminant/Property	Allowable Specification
Arsenic	5 ppm, maximum
Cadmium	2 ppm, maximum
Chromium	10 ppm, maximum
Lead	67 ppm, maximum
PCB's	10 ppm, maximum

Total Halogens	4000 ppm, maximum
Mercury	1 ppm, maximum
Flash Point	100 degrees Fahrenheit, minimum
Heat Content	135,000 BTU/gallon, minimum

- 2.d** Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 266.40(c) and OAC rule 3745-279. Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the supplier ["marketer" in 40 CFR 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.
- 2.e** All number 2 and on-spec used oil burned in this emissions unit shall have a sulfur content equal to or less than 0.5% by weight.
- 2.f** The permittee has satisfied 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.

The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(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.

- 2.g** 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.
- 2.h** The hourly emission limitations outlined in section A.1. are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.

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B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 1 to 6 inches of water, while the emissions unit is in operation.
2. 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 process employing the used oil as fuel, or 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.

The facility shall notify the USEPA and the Ohio EPA that the used oil being burned exceeds used oil specifications. Before this facility accepts the first shipment of off-specification used oil from a marketer, this facility must provide the marketer a one-time written and signed notice certifying that:

- a. the facility has notified USEPA of its used oil management activities and the notice included the location and description of those activities; and
- b. the facility will burn the used oil only in an industrial furnace or boiler identified in accordance with 40 CFR Part 279.

A copy of each certification notice that this facility 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. The facility shall also submit a copy of each certification notice to the appropriate Ohio EPA District Office.

3. The maximum asphaltic concrete production from this plant shall not exceed 350 tons/hour and 800,000 tons/year based upon a rolling, 12-month summation.

The permittee has existing records to demonstrate compliance with this limit upon permit issuance.

4. The permittee may substitute reclaimed asphalt pavement (RAP) in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials.

C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. the asphalt production rate, in tons for each month;
 - b. the rolling, 12-month summation of the asphalt production rates, in tons; and
 - c. the maximum percentage RAP used for any mix.
2. The permittee shall properly 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.
3. The permittee may not receive or burn any used oil which does not meet the specifications listed in this permit without first obtaining a permit to install that authorizes the burning of such used oil.

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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, in ppm;
- f. the cadmium content, in ppm;
- g. the chromium content, in ppm;
- h. the lead content, in ppm;
- i. the PCB content, , in ppm;
- j. the total halogen content, , in ppm; and
- 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 Hamilton County Department of Environmental Services 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.

4. For each number 2 fuel oil and used oil received for burning in emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analysis for sulfur content and heat content.
5. The permittee shall perform daily visible emission checks, when the emissions unit is in operation and when weather conditions allow, for any visible particulate emissions from the enclosures for the hot aggregate elevator, vibrating screens and weigh hopper servicing this emissions unit. If visible particulate emissions are observed, the permittee shall note the following in the operation log:
 - a. the color of the visible particulate emissions;
 - b. the cause of the visible particulate emissions;
 - c. the total duration of the visible particulate emission incident; and
 - d. corrective actions taken to eliminate the visible particulate emissions.

Valley**PTI A**Emissions Unit ID: **P904****Issued: To be entered upon final issuance**

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.

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6. The permittee shall perform daily visible emission checks, when the emissions unit is in operation and when the weather conditions allow, for any abnormal visible particulate emissions from the stack, aggregate storage bins and cold aggregate elevator/conveyor serving this emissions unit. If abnormal visible emissions are observed, the permittee shall note the following in the operation log:
 - a. the color of the abnormal visible particulate emissions;
 - b. the cause of the abnormal visible particulate emissions;
 - c. the total duration of any abnormal visible particulate emissions incident; and
 - d. any corrective actions taken to eliminate the abnormal 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 deviation reports which identify all exceedances of the rolling, 12-month asphalt production limitation in term B.3 and the RAP content limit in term B.4.
2. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified in term B.1.
3. The permittee shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form 30 days prior to any planned relocation of this emissions unit, in accordance with OAC rule 3745-31-03(A)(6). Approval of the planned relocation must be obtained from the Hamilton County DOES prior to the relocation.
4. The permittee shall submit annual reports which specify the total PM, SO₂, NO_x, VOC and CO emissions from this emissions unit for the previous calendar year. These reports shall be submitted by April 15 of each year.
5. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the specification in term A.2.c and/or OAC rule 3745-279-11. If the permittee burns used oil which exceeds the specifications found in OAC rule 3745-279-11, the permittee is subject to that rule

Emissions Unit ID: P904

and must comply with all provisions of the rule. The required notification shall be submitted within 30 days of the date in which the exceedance occurred.

6. The permittee shall submit quarterly deviation reports that identify all exceedances of the sulfur content limit in term A.2.e.
7. The permittee shall submit quarterly deviation reports that identify any of the following occurrences:
 - a. identify all days during which any abnormal visible particulate emissions were observed from the stack, aggregate storage bins and cold aggregate elevator/conveyors serving this emissions unit;
 - b. identify all days during which any visible fugitive particulate emissions were observed from the enclosures for the hot aggregate elevator, vibrating screens and weigh hopper;
 - c. describe any corrective actions taken to eliminate the abnormal visible particulate emissions.
8. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the visible particulate emissions limitations shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.
2. Compliance with the emissions limitations in term A.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation:
 - 9.1 lbs NO_x/hr, when burning natural gas
 - 42.0 lbs NO_x/hour, when burning oil
 - 1.2 lbs SO₂/hr, when burning natural gas
 - 20.3 lbs SO₂/hr, when burning oil
 - 11.2 lbs OC/hr, when burning gas and oil
 - 8.76 lbs PM/hr(stack)
 - 2.63 lbs PM₁₀/hr(stack)
 - 2.45 lbs/hr of PM (fugitive)
 - 1.16 lbs/hr of PM₁₀ (fugitive)

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45.5 lbs CO/hr, when burning natural gas and oil

Applicable Compliance Method:

Compliance with the emission limitations in lbs/hour shall be determined by multiplying the maximum production of 350 Tons/hour by the emission factors from AP-42, Tables 11.1-3, 11.1-7, 11.1-8, and 11.1-12 (03/04):

NO_x emissions = 0.026 lb/ton produced, natural gas
 NO_x emissions = 0.12 lb/ton produced, oil
 SO₂ emissions = 0.0034 lb/ton produced, natural gas
 SO₂ emissions = 0.058 lb/ton produced, oil
 OC emissions = 0.032 lb/ton produced, oil and gas
 PM emissions = 0.025 lb/ton produced
 PM10 emissions = 0.0075 lb/ton produced
 CO emissions = 0.13 lb/ton produced

Compliance with the fugitive emission limitations in lbs/hour shall be determined by multiplying the maximum production of 350 Tons/hour by the emission factors from AP-42, Tables 11.12-2 for the fugitive emissions:

PM emissions = 0.0069 lb/ton
 PM10 emissions = 0.0033 lb/ton

b. Emission Limitation:

52.0 TPY CO*
 48.0 TPY NO_x*
 23.2 TPY SO₂*
 12.8 TPY OC*
 10.0 TPY PM*stack
 3.0 TPY PM10*stack
 2.76 TPY PM, fugitive*
 1.32 TPY PM10, fugitive*

* based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emission limitations in TPY shall be determined by multiplying the

Emissions Unit ID: P904

annual production rate from term C.1. by the emission factors from AP-42, Tables 11.1-3, 11.1-7 and 11.1-8, 11.1-12 (03/04) and Table 11.12-2 (10/01):

3. Compliance with the annual asphalt production limit in term B.3 shall be demonstrated by the record keeping in term C.1.
4. Compliance with the fabric filter pressure drop limitation in term B.1 shall be demonstrated by the record keeping in term C.2.
5. Compliance with used oil limitations in term A.2.c shall be determined by the record keeping in term C.3.
6. Compliance with sulfur content limitation in term A.2.e shall be determined by the recordkeeping in term C.4.

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F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source
 - a. Pursuant to OAC rule 3745-31-03(A)(1)(p)(i), the permittee may relocate a portable emissions unit within the State of Ohio without first obtaining a permit to install (PTI) provided the following criteria are met:
 - i. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - ii. the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO), permit to install (PTI) or registration status;
 - iii. the permittee has provided proper notice of intent to relocate the portable emissions unit to Ohio EPA within a minimum of thirty days prior to the scheduled relocation; and
 - iv. in Ohio EPA's judgment, the proposed site is acceptable under OAC rule 3745-15-07.
 - b. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee may relocate the portable emissions unit within the State of Ohio without first obtaining a PTI provided the following criteria of OAC rule 3745-31-05(F) are met:
 - i. the permittee possesses an Ohio EPA PTI, PTO or registration status for the portable emissions unit;
 - ii. the portable emissions unit is equipped with best available technology;
 - iii. the permittee has identified the proposed site to Ohio EPA;
 - iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - v. a public notice, consistent with OAC Chapter 3745-47, is published in the county where the proposed site is located;
 - vi. the owner of the proposed site has provided the permittee with approval or equivalent declaration that it is acceptable to the site owner to move the portable

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emissions unit to this proposed site; and

- vii. the permittee has provided Ohio EPA with fifteen days written notice of the relocation.

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2. Any site approval issued by Ohio EPA, pursuant to F.1 above, shall be valid for no longer than three years and is subject to renewal.

In order for the Hamilton County Department of Environmental Services and the appropriate Ohio EPA field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee shall 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 Hamilton County Department of Environmental Services (250 William Howard Taft Road, Cincinnati, OH 45219) and the appropriate Ohio EPA field office having jurisdiction over the new site.

Upon receipt of the notice, the Hamilton County Department of Environmental Services and/or appropriate Ohio EPA field office having jurisdiction over the new site will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in civil penalties.

3. The terms and conditions listed in this permit to install shall supercede all the air pollution control requirements for this emissions unit contained in permit to install 14-03755 as issued on August 9, 1995.
4. The following terms and conditions of this permit are federally enforceable: A, B, C, D and E.