State of Ohio Environmental Protection Agency

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

Mailing Address: Lazarus Gov. Center

RE: DRAFT PERMIT TO INSTALL MODIFICATION **CERTIFIED MAIL**
BUTLER COUNTY
Application No: 14-04537
Fac ID: 1409010131
DATE: 12/16/2004

Barrett Paving Materials Inc
Victoria Hathaway
7374 Main Street
Cincinnati, OH 45244

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 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 modification a fee of **$ 625** 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.

Sincerely,

Michael W. Ahern

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

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

BUTLER COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **14-04537** FOR AN AIR CONTAMINANT SOURCE FOR
Barrett Paving Materials Inc

On 12/16/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Barrett Paving Materials Inc**, located at **1515 14th Avenue, Middletown**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 14-04537:

Modification of PTI 14-4537.

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 Howart Taft Pkwy, Cincinnati, OH 45219-2660 [(513)946-7777]

DRAFT MODIFICATION OF PERMIT TO INSTALL 14-04537

Application Number:	14-04537
Facility ID:	1409010131
Permit Fee:	**To be entered upon final issuance**
Name of Facility:	Barrett Paving Materials Inc
Person to Contact:	Victoria Hathaway
Address:	7374 Main Street Cincinnati, OH 45244

Location of proposed air contaminant source(s) [emissions unit(s)]:
1515 14th Avenue
Middletown, **Ohio**

Description of proposed emissions unit(s):
Modification of PTI 14-4537.

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

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

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

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

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

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

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

10. Public Disclosure

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

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

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

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

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

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

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

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

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

Pollutant	Tons Per Year
CO	99.0
NOx	29.7
SO2	21.8
VOC	2.96
PM	31.56
PM10	25.72

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
P902 - 350 TPH asphaltic concrete batch plant with fabric filter - Modification	OAC rule 3745-31-05 (A)(3)

		Applicable Emissions Limitations/Control Measures
OAC rule 3745-35-07(B)	OAC rule 3745-17-08(B)	Particulate emissions (PE) from the stack shall not exceed 14.7 pounds per hour when burning gas or oil. PE that are fugitive emissions shall not exceed 29.9 pounds per hour. Particulate emissions less than 10 microns (PM-10) from the stack shall not exceed 9.5 pounds per hour when burning gas or oil.
	OAC rule 3745-17-07(A)	Particulate emissions less than 10 microns (PM-10) that are fugitive shall not exceed 26.9 pounds per hour.
	OAC rule 3745-17-07(B)	Volatile Organic Compound (VOC) emissions shall not exceed 3.9 pounds per hour when burning gas or oil.
	OAC rule 3745-17-11(B)	Sulfur dioxide (SO2) emissions shall not exceed 1.6 pounds per hour when burning gas. Sulfur dioxide (SO2) emissions shall not exceed 30.8 pounds per hour when burning oil.
	OAC rule 3745-21-08(B)	Nitrogen oxide (NOx) emissions shall not exceed 8.8 pounds per hour when burning gas.
40 CFR Part 60, Subpart I	OAC rule 3745-23-06(B)	Nitrogen oxide (NOx) emissions shall not exceed 42.0 pounds per hour when burning oil.

Carbon monoxide (CO) emissions shall not exceed 140.0 pounds per hour when burning gas or oil.

See terms and conditions A.2.b - A.2.d, and B.1, B.2, and B.4.

Visible particulate emissions from the stack shall not exceed 10 percent opacity, as a 6-minute average.

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 3745-23-06(B), OAC rule 3745-21-08(B) and 40 CFR Part 60, Subpart I.

Particulate emissions (PE) from the stack shall not exceed 10.4 tons per year.*

PE that are fugitive emissions shall not exceed 21.16 tons per year.*

Particulate emissions less than 10 microns (PM-10) from the stack shall not exceed 6.68 tons per year.*

Particulate emissions less than 10 microns (PM-10) that are fugitive shall not exceed 19.04 tons per year.*

Volatile Organic Compound (VOC) emissions shall not exceed 2.96 tons per year.*

Sulfur dioxide (SO2) emissions shall not exceed 21.8 tons per year.*

Nitrogen oxide (NOx) emissions shall not exceed 29.70 tons per year.*

Carbon monoxide (CO) emissions shall not exceed 99.0 tons per year.*

*The TPY emissions limitations are based on a rolling 12-month summation.

See term B.3.

Particulate emissions shall not exceed
0.04 grain/dry standard cubic foot of exhaust gas.

The permittee shall minimize or eliminate visible emissions of fugitive dust from the enclosures for the hot aggregate elevator(s), vibrating screen(s), and weigh hopper(s).

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.

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.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

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

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

See term and condition A.2.e

See term and condition A.2.f

2. Additional Terms and Conditions

2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emissions limitations, annual production limitation, use of a fabric filter, oil content limitations, maintaining the aggregate in a moist condition and compliance with 40 CFR Part 60, Subpart I.

2.b 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	100 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

* If the permittee is burning used oil with any quantifiable level (2ppm) of PCBs, then the permittee is subject to the notification requirements of 40 CFR 279.62.

2.c 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.d 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.e 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.

2.f 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.

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 495,000 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 Recordkeeping 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.

   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 shipment 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 abnormal 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 abnormal visible particulate emissions;

b. the cause of the abnormal visible particulate emissions;

c. the total duration of the abnormal visible particulate emission incident; and

d. 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.

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 and condition B.3 and the RAP content limit in term and condition 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 and condition B.1.

3. The permittee shall submit annual reports which specify the total PE, PM10, SO2, NOx, VOC and CO emissions from this emissions unit for the previous calendar year. These reports shall be submitted by April 15 of each year.

4. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the specification in term and condition A.2.b 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 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.

5. The permittee shall submit quarterly deviation reports that identify all exceedances of the sulfur content limit in term and condition A.2.d.

6. 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 abnormal 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.

7. 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 from the baghouse outlet shall be demonstrated by the methods outlined in 40 CFR Part 60, Appendix A, Method 9.

2. Compliance with the visible particulate emissions limitations for fugitive dust shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

3. Compliance with the emissions limitations in term and condition A.1 shall be determined in

accordance with the following methods:

a. Emission Limitation:

140.0 lbs. CO / hour
42.0 lbs. NOx / hour (when burning oil)
8.8 lbs. NOx / hour (when burning gas)
30.8 lbs. SO2 / hour (when burning oil)
1.6 lbs. SO2 / hour (when burning gas)
3.9 lbs. VOC / hour
14.7 lbs. PE / hour (stack emissions)
29.9 lbs. PE / hour (fugitive emissions)
9.5 lbs. PM10 / hour (stack emissions)
26.9 lbs. PM10 / hour (fugitive emissions)

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 11.1-1 and 11.1-5 (03/04). The VOC emission factor is from the most recent stack test:

NO_x emissions	=	0.12 lb/ton produced,(when burning oil)
NO_x emissions	=	0.025 lb/ton produced,(when burning gas)
SO_2 emissions	=	0.088 lb/ton produced,(when burning oil)
SO_2 emissions	=	0.0046 lb/ton produced,(when burning gas)
VOC emissions	=	0.01194 lb/ton produced, (stack test data, July 28, 1999)
PE emissions	=	0.042 lb/ton produced (for stack emissions)
PM10 emissions	=	0.027 lb/ton produced (for stack emissions)
CO emissions	=	0.40 lb/ton produced

Compliance with the fugitive emission limitations in lbs/hour shall be determined by multiplying the maximum production of 332.5 Tons aggregate/hour by the emission factors from RACM, Table 2.21-1 for the fugitive emissions:

PE emissions	=	0.1 lb/ton aggregate - (load out);
	=	0.5 lb/ton aggregate handled - (cold aggregate elevator)
		Both have 85 percent control for wet aggregate condition
PM10 emissions	=	0.90 x PM

b. Emission Limitation:

99.0 tons / year CO*
29.70 tons / year NOx*
21.8 tons / year SO2*
2.96 tons / year VOC*
10.4 tons / year PE* (stack emissions) + 21.16 tons / year PE* (fugitive emissions)
6.68 tons / year PM10* (stack emissions) + 19.04 tons / year PM10* (fugitive emissions)

* based on a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the emission limitations in TPY shall be determined by multiplying the annual production rate from term and condition C.1. by the emission factors from AP-42 Tables 11.1-1 and 11.1-5 (03/04). The VOC emission factor was developed from adding 15 percent to the most recent stack test result. The fugitive PM and PM10 emissions shall be added to the stack emissions, with the calculation based on the factors from RACM, Table 2.21-1.

c. Emission Limitation:

Particulate emissions shall not exceed 0.04 grain/dry standard cubic foot of exhaust gas.

Applicable Compliance Method:

Compliance with this mass emission limitation shall be based upon stack testing conducted using Method 5 from 40 CFR Part 60.

4. Compliance with the annual asphalt production limitation in term and condition B.3 and the maximum percentage RAP limitation in term and condition B.4 shall be demonstrated by the record keeping in term and condition C.1.

5. Compliance with the fabric filter pressure drop limitation in term and condition B.1 shall be demonstrated by the record keeping in term and condition C.2.

6. Compliance with used oil limitations in term and condition A.2.b shall be determined by the record keeping in term and condition C.3.

7. Compliance with sulfur content limitation in term and condition A.2.d shall be determined by the record keeping in term and condition C.4.

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

   a. The emission testing shall be conducted within 180 days after issuance of this permit when burning natural gas. Emission testing for when burning oil shall be conducted within 180 days of firing oil in this emissions unit.

   b. The emission testing shall be conducted to demonstrate compliance with the allowable CO, VOC and NOx emission rates when burning natural gas. The emission testing shall be conducted to demonstrate compliance with the allowable PE, VOC, CO and NOx emission rates when burning oil.

   c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25 or 25A for VOC, Method 10 for CO, Method 7 for NOx, and Method 5 for PE. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

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

   Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification 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 necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid

characterization of the emissions from the emissions unit and/or the performance of the control equipment.

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

F. Miscellaneous Requirements

1. The terms and conditions listed in this permit to install modification shall supercede all the air pollution control requirements for this emissions unit contained in permit to install 14-04537 as issued on July 1, 1998.

2. The following terms and conditions of this permit are federally enforceable: A, B, C, D and E.