☒ **Synthetic Minor Determination and/or** ☐ **Netting Determination**

Permit To Install 01-08424

A. Source Description

Mar-Zane has submitted a PTI modification to burn used oil, number 4 oil and number 6 fuel oil in its 600 ton per hour drum mix asphalt plant located in Columbus, OH. The facility will have the ability to use reclaimed asphalt pavement (RAP).

Based on the hourly maximum capacity of the asphalt plant and assuming it operates 8760 hours per year, the facility would exceed Title V thresholds for carbon monoxide, nitrogen oxide, particulate, sulfur dioxide, and volatile organic compounds.

B. Facility Emissions and Attainment Status

The facility has a potential to emit as follows:

	Emissions	Pre-synthetic minor (tons)	Post-synthetic minor (tons)
P901	PE	110.4	9.5
	CO	1051.2	90
	NOx	315.4	27
	SO_2	231.3	19.8
	VOC	119.6	10.24

C. Source Emissions

The pre-synthetic minor emissions assume that the facility operates at its maximum hourly capacity every hour of the year. The post synthetic minor emissions assume that the production of hot mix asphalt is restricted to 450,000 tons per rolling, 12-month period.

D. Conclusion

This synthetic minor will effectively restrict the PE, CO, VOC, NO_x, and SO_2 emissions below Title V thresholds by limiting the production to 450,000 tons per rolling, 12-month period. The operational restrictions including limitations on the first 12 months of operation, recordkeeping, reporting and testing requirements shall ensure that compliance with this permit is achieved and maintained.

OhioEPA

State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

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

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

RE: DRAFT PERMIT TO INSTALL
FRANKLIN COUNTY
Application No: 01-08424

DATE: 10/2/2001

CERTIFIED MAIL

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

Marzane Inc
Ronald Morrison
Post Office Box 1585
Zanesville, OH 43701

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 **$1000** 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,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA **CDO**

DRAFT PERMIT TO INSTALL 01-08424

Application Number:	01-08424
APS Premise Number:	0125092371
Permit Fee:	**To be entered upon final issuance**
Name of Facility:	Marzane Inc
Person to Contact:	Ronald Morrison
Address:	Post Office Box 1585 Zanesville, OH 43701

Location of proposed air contaminant source(s) [emissions unit(s)]:
3200 Jackson Pike
Columbus, **Ohio**

Description of proposed emissions unit(s):
600 ton per hour drum mix asphalt plant.

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

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 <u>obtained before</u> 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

Pollutant	Tons Per Year
PE	9.5
CO	90.0
SO2	19.8
NOx	27.0
VOC	10.3

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

A. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
P901 - 600 tons/hour drum mix asphalt plant fired with natural gas, number 2 oil, number 4 oil, number 6 oil, and on-spec waste oil (modification to PTI 01-7353, issued June 18, 1998)	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) from the burning of natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 25.2 lbs/hr. PE shall not exceed 0.04 gr/dscf when burning number 2, 4, 6 or on-spec used oil, or natural gas. Carbon monoxide (CO) emissions from burning natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 240.0 lbs/hr. Sulfur dioxide (SO_2) emissions from burning natural gas, number 2, 4, 6, or on-spec used oil shall not exceed 52.8 lbs/hr. Nitrogen oxide (NO_x) emissions from burning natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 72.0 lbs/hr. Volatile organic compound (VOC) emissions from burning natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 27.3 lbs/hr. Arsenic, cadmium, chromium and lead emissions are limited by the fuel specifications in A.2.c below.

		Visible particulate emissions from the stack shall not exceed 20% opacity, as a 3-minute average. Reasonably available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see section A.I.2.a). No visible emission of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper. See section A.I.2.b and A.I.2.d below. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D) and 40 CFR Part 60, Subpart I.
	OAC rule 3745-31-05(D)	PE from the burning of natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 9.5 tons per rolling, 12-month period. CO emission from burning natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 90.0 tons per rolling, 12-month period. SO_2 emissions from burning natural gas, number 2, 4, 6, or on-spec used oil shall not exceed 19.8 tons per rolling, 12-month period. NO_x emissions from burning natural gas, number 2, 4, 6, or on-spec used oil shall not exceed 27.0 tons per rolling, 12-month period. VOC emissions from burning natural gas, number 2, 4, 6 or on-spec used oil shall not exceed 10.3 tons per rolling, 12-month period.

		See II.B.3 below.
	40 CFR Part 60, Subpart I, Section 60.92(a)(1)	Particulate emissions from burning number 2, 4, 6 or on-spec used oil shall not exceed 0.04 gr/dscf.
	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)(1) OAC rule 3745-18-06(E) 40 CFR Part 50, Subpart I, Section 60.92(a)	The emission limitations specified by these rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).
Aggregate storage bins and cold aggregate elevator.	OAC rule 3745-31-05(A)(3)	Visible emissions of fugitive dust shall be less than or equal to 10 percent opacity, as a 3-minute average. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-08(B).
	OAC rule 3745-17-08(B)	The drop height of the front end loader bucket shall be minimized tot he extent possible in order to minimize or eliminate visible emissions of fugitive dust from the elevator loading area. The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emission of fugitive dust from the elevator and the transfer point to the dryer.
	OAC rule 3745-17-07(B)	The emission limit specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The permittee shall ensure that the baghouse is operated with sufficient air volume to minimize or eliminate visible particulate emissions of fugitive dust at the point of capture to the extent possible with good engineering design.

2.b In accordance with OAC rule 3745-31-05(A)(3), this emission unit has been approved for the use of recycled asphalt products (RAP). The permittee shall be restricted to the maximum percentage of RAP as specified in the most recent compliance demonstration utilizing RAP.

2.c All used oil burned in this emissions unit shall meet the following specifications:

Contaminant/Property	Allowable Specifications
arsenic	5 ppm, maximum
cadmium	2 ppm, maximum
chromium	10 ppm, maximum
lead	100 ppm, maximum
total halogens	4000 ppm, maximum
flash point	100°F, minimum
heat content	135,000 Btu/gallon, minimum
PCB*	< 2 ppm maximum
mercury	1 ppm, maximum

* 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.d Used oil containing more than one thousand parts per million (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 3745-279. 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 Part 266.43(a)] has demonstrated to Ohio EPA's Division of Hazardous Waste Management that the used oil does not contain any hazardous waste.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 2.0 to 6.0 inches of water while the emissions unit is in operation.

2. The permittee may not receive or burn any used oil which does not meet the specifications listed in A.2.c of this permit without first obtaining a permit to install that authorizes the burning of such off-specification used oil. The burning of off-specification used oil is subject to OAC rule 3745-279-60 through 67.

3. The maximum annual production for this emissions unit shall not exceed 450,000 tons, based upon a rolling, 12-month summation of the production rates. The permittee has existing data on which to base the 12-month summation of production rates.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall receive a chemical analysis with each shipment of on-spec 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 on-spec 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 5 years and shall be made available to the Ohio EPA, Central District Office upon verbal or written request. The Director or any authorized representative of the Director may require or may conduct periodic, detailed chemical analyses through an independent laboratory of any used oil shipment received by this facility, or any used oil stored at this facility, or of any used oil sampled at the dryer.

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 shall maintain monthly records of the following information:

   a. the production rate (in tons);

   b. the rolling, 12-month summation of the production rates; and

c. the type and amount (gallons and/or cubic feet) of each separate fuel burned.

4. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, aggregate storage bins and cold aggregate elevator associated with this emissions unit. The presence or absence of any visible particulate emissions shall be noted in an operation log. If visible particulate emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;

   b. whether the emissions are representative of normal operations;

   c. if the emission are not representative of normal operations, the cause of the abnormal emissions;

   d. the total duration of any abnormal visible emission incident; and

   e. any corrective actions taken to eliminate the abnormal visible emissions.

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

5. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operation log. If visible emissions are observed, the permittee shall also note the following in the operation log:

   a. the color of the emissions;

   b. whether the emissions are representative of normal operation;

   c. if the emissions are not representative of normal operation, the cause of the abnormal emissions;

   d. the total duration of any abnormal visible emission incident; and

   e. any corrective actions taken to eliminate the abnormal emissions.

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

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. These reports are due by the date described in Part 1- General Terms and Conditions of this permit under section (A)(1).

2. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11. If the permittee is burning 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 that rule.

3. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month production rate limitation. These reports are due by the date described in Part 1- General Terms and Conditions of this permit under section (A)(1).

4. The permittee shall submit deviation (excursion) reports to the Central District Office that identify any of the following occurrences:

   a. identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit; and

   b. describe any corrective actions taken to eliminate the abnormal visible particulate emissions.

   These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(1).

5. The permittee shall submit deviation reports to the Central District Office that identify any of the following occurrences:

   a. identify all days during which any visible fugitive particulate emissions were observed from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, aggregate storage bins and cold aggregate elevator associated with this emissions unit; and

   b. describe any corrective actions taken to eliminate the abnormal visible particulate emissions.

   These reports are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(1).

6. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

   a. construction date (no later than 30 days after such date);
   b. actual start-up date (within 15 days after such date); and
   c. date of performance testing (If required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Air Quality Modeling and Planning
P.O. Box 1049
Columbus, OH 43216-1049

and

Ohio Environmental Protection Agency
DAPC - Central District Office
3232 Alum Creek Drive
Columbus, OH 43207

E. Testing Requirements

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

   a. Emission Limitation:
   PE shall not exceed 25.2 lbs/hr and 0.04 gr/dscf when burning natural gas, number 2, 4, 6 or on-spec used oil.

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

      i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but no later than 120 days after initial startup of the emissions unit.

      ii. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for particulate matter.

      iii. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Methods 1 through 5 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

      iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, burning on-spec used oil and using virgin materials, unless otherwise specified or approved by the Central District Office. If required, the unit shall also be tested while burning number 2, 4 or 6 fuel.

   b. Emission Limitation:
   PE emissions from burning natural gas number 2, 4, 6 or on-spec used oil shall not exceed 9.5 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the pounds of particulate per ton of asphalt produced, as determined from the emission testing, by the amount of asphalt produced per rolling, 12-month period, and dividing by 2000 pounds per ton.

c. Emission Limitation:
VOC emissions from burning on-spec used oil shall not exceed 27.3 lbs/hr.

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

i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but no later than 120 days after initial startup of the emissions unit.

ii. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for VOC.

iii. The following test method(s) shall be employed to demonstrate compliance with allowable mass emission rate(s) for VOC: Method 25 of 40 CFR Part 60. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, burning on-spec oil and using recycle product, unless otherwise specified or approved by the Central District Office.

d. Emission Limitation:
VOC emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 9.5 lbs/hr.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor of 0.0455 pound per ton of asphalt (AP-42, Table11.1-10, 12/2000) by the maximum capacity of the emission unit (600 tons per hour).

If required, the following test method shall be employed to demonstrate compliance with the allowable mass emission rate for VOC: Method 25 of 40 CFR Part 60. Alternative EPA approved test methods may be used with prior approval from the Ohio EPA.

e. Emission Limitation:
VOC emissions from the burning on-spec used oil shall not exceed 10.3 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the pounds of VOC per ton of asphalt

produced, as determined from the emission testing, by the amount of asphalt produced per rolling, 12-month period, and dividing by 2000 pounds per ton.

f. Emissions Limitation:
VOC emissions from the burning of natural gas, number 2, 4, or 6 fuel shall not exceed 10.3 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance with this emission limit shall be demonstrated by multiplying the emission factor 0.0455 pound per ton of asphalt (AP-42, Table 11.1-10, 12/2000) by the maximum tons of asphalt produced per hour (200 tons/hr), the number of hours per rolling, 12-month period, and 2,000 lbs/ton.

g. Emission Limitation:
CO emissions from burning on-spec used oil shall not exceed 240 lbs/hr.

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

i. The emissions testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but no later than 120 days after initial startup of the emissions unit.

ii. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for CO.

iii. The following test method(s) shall be employed to demonstrate compliance with allowable mass emission rate(s) for CO: Method 10 of 40 CFR Part 60. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

iv. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, burning on-spec oil and using recycle product, unless otherwise specified or approved by the Central District Office.

h. Emission Limitation:
CO emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 240 lbs/hr.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor of 0.40 pound per ton of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum capacity of the emission unit (600 tons per hour).

If required, the following test method shall be employed to demonstrate compliance with the allowable mass emission rate for CO: Method 10 of 40 CFR Part 60. Alternative EPA

approved test methods may be used with prior approval from the Ohio EPA.

i. Emission Limitation:
CO emissions from burning on-spec used oil shall not exceed 90.0 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the pounds of CO per ton of asphalt produced, as determined from the emission testing, by the amount of asphalt produced per rolling, 12-month period, and dividing by 2000 pounds per ton.

j. Emission Limitation:
CO emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 90.0 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor 0.40 pound per ton of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum tons of asphalt produced per hour (600 tons/hr), the number of hours per rolling, 12-month period, and 2,000 lbs/ton.

k. Emission Limitation:
SO_2 emissions from burning on-spec used oil shall not exceed 52.8 lbs/hr.

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

v. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but no later than 120 days after initial startup of the emission unit.

vi. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for SO_2.

vii. The following test method(s) shall be employed to demonstrate compliance with allowable mass emission rate(s) for SO_2: Method 6C of 40 CFR Part 60. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

viii. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, burning on-spec oil and using recycle product, unless otherwise specified or approved by the Central District Office.

l. Emission Limitation:
SO_2 emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 52.8 lbs/hr.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor of 0.088 pound per ton of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum capacity of the emission unit (600 tons per hour).

m. Emission Limitation:
SO_2 emissions from burning on-spec used oil shall not exceed 19.8 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the pounds of SO_2 per ton of asphalt produced, as determined from the emission testing, by the amount of asphalt produced per rolling, 12-month period, and dividing by 2000 pounds per ton.

n. Emission Limitation:
SO_2 emissions from burning natural gas, number 2, 4 or 6 fuel shall not exceed 19.8 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor of 0.088 pound per ton of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum tons of asphalt produced per hour (600 tons/hr), the number of hours in the rolling, 12 month period and 2,000 lbs/ton.

o. Emission Limitation:
NO_x emissions from burning on-spec used oil shall not exceed 72.0 lbs/hr.

Applicable Compliance Method:
The permittee shall conduct, or have conducted, emission testing for this emission unit in accordance with the following requirements:

i. The emission testing shall be conducted within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but no later than 120 days after initial startup of the emissions unit.

ii. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for NO_x.

iii. The following test method(s) shall be employed to demonstrate compliance with allowable mass emission rate(s) for NO_x: Method 7E of 40 CFR Part 60. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

iv. The test(s) shall be conducted while the emission unit is operating at or near its maximum capacity, burning on-spec used oil and using recycle product, unless otherwise specified or approved by the Central District Office.

p. Emission Limitations:
NO_x emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 72.0 lbs/hr.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor of 0.12 pound per tons of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum capacity of the emission unit (600 tons per hour).

q. Emission Limitation:
NO_x emissions from burning on-spec used oil shall not exceed 27.0 tons per rolling 12-month period.

Applicable Compliance Method:
Compliance shall be demonstrated by multiplying the pounds of NO_x per ton of asphalt produced, as determined from the emission testing, by the amount of asphalt produced per rolling, 12-month period, and dividing by 2,000 pounds per ton.

r. Emission Limitation:
NO_x emissions from burning natural gas, number 2, 4, or 6 fuel shall not exceed 18.0 tons per rolling, 12-month period.

Applicable Compliance Method:
Compliance with this emission limitation shall be demonstrated by multiplying the emission factor 0.12 pound per ton of asphalt (AP-42, Table 11.1-5, 12/2000) by the maximum tons of asphalt produced per hour (600 tons per hour), the number of hours in the 12-month, rolling period and 2,000 lbs/ton.

s. Emission Limitation:
Arsenic, cadmium, chromium and lead emissions are limited by the fuel specification in A.2.c.

Applicable Compliance Method:
Compliance with the emissions limitation for arsenic, cadmium and lead shall be demonstrated by the monitoring and record keeping in Section C.1 of this permit.

t. Emission Limitation:
Visible particulate emissions from the stack shall not exceed 20% opacity as a three minute average.

Applicable Compliance Method:
Compliance shall be determined using Method 9 as set forth in 40 CFR Part 60 Appendix A, as such appendix existed on July 1, 1996 and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

u. Emission Limitation:
No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens and weigh hopper.

Applicable Compliance Method:
Compliance with the limitations on visible emissions of fugitive dust found in Section A.1 of this permit shall be demonstrated by the monitoring and record keeping in Section C.4.

v. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed 20% opacity, as a 3-minute average.

Applicable Compliance Method:
Compliance shall be determined in accordance with Test Method 9 as set forth in "Appendix A on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. 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 field office's refusal to accept the results of the emissions test(s).

Personnel from the Ohio EPA, Central District Office 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 emission test(s) shall be submitted within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. This emissions unit is subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, Subpart I. The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

2. The terms and conditions contained within this PTI shall supersede the terms and conditions previously contained in PTI 01-7353, issued June 18, 1998 for emissions unit P901.

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

4. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use or new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.