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: FINAL PERMIT TO INSTALL
CUYAHOGA COUNTY
Application No: 13-03827

CERTIFIED MAIL

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

DATE: 7/10/2001

Kenmore Asphalt Products Plant No. 3
Gregg Mercier
700 Home Avenue
Akron, OH 44310

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

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.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
236 East Town Street, Room 300
Columbus, Ohio 43215

Very truly yours,

Thomas G. Rigo

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

CC: USEPA CBAPC

RECEIVED
JUL 18 2001
DIVISION OF
AIR POLLUTION CONT

OhioEPA STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 7/10/2001**
Terms and Conditions	**Effective Date: 7/10/2001**

FINAL PERMIT TO INSTALL 13-03827

Application Number: 13-03827

APS Premise Number: 1318007584

Permit Fee: **$500**

Name of Facility: Kenmore Asphalt Products Plant No. 3

Person to Contact: Gregg Mercier

Address: 700 Home Avenue
Akron, OH 44310

Location of proposed air contaminant source(s) [emissions unit(s)]:
650 Harrison Street
Cleveland, Ohio

Description of proposed emissions unit(s):
Request for alternative fuel sources P001.

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

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 thirty (30) 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
	From burning No. 4 used oil
PM	32.5
PM_{10}	10.3
SO2	17.4
N0x	16.5
VOC	9.6
CO	39.0

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 - 400 TPH portable drum asphalt plant with fabric filter dust collector (baghouse) **modification** to include the use of No.2 fuel oil, No. 4 used oil, refined No. 2 fuel oil, and refined No. 4 fuel oil as alternative fuels in this emissions unit.	OAC rule 3745-31-05(A)(3)	The following stack mass emission limits shall apply when burning No. 4 used oil: 10.7 TPY PM 22.0 lbs/hr NOx, 16.5 TPY NOx 52.0 lbs/hr CO 12.8 lbs/hr VOC, 9.6 TPY VOC 23.2 lbs/hr SO2 The requirements of this rule also include compliance with requirements of OAC rules 3745-17-07(A)(1), 3745-35-07(B), and 40 CFR Part 60, Subpart I.
	40 CFR Part 60, Subpart I	0.04 gr/dcsf of particulate emissions exhaust gases from stack
	OAC rule 3745-35-07(B)	The following stack mass emission limits shall apply from burning No. 4 used oil: 39.0 TPY CO* 17.4 TPY SO2*. * as a 12-month rolling summation The TPY emissions limits are based upon the annual asphalt production restriction of Section B.2.
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I.

	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20 percent opacity from any stack, as a six-minute average, except as provided by the rule.
Fugitive emissions from aggregate material handling operations including: front end loading into hoppers, aggregate screening and material transfer points	OAC rule 3745-31-05(A)(3)	PM 21.8 TPY PM10 10.3 TPY best available control measures that are sufficient to minimize or eliminate visible particulate emissions of fugitive dust (see Sections A.2.c through A.2.e) The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1).
	OAC rule 3745-17-08(B)	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 3745-17-07(B)(1)	Visible particulate emissions of fugitive dust shall not exceed 20 percent opacity as a three-minute average.

2. Additional Terms and Conditions

2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emission, production, operational limitations listed in this permit, and the use of a fabric filter.

2.b All recycled, used oil burned in P901 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	50 ppm, maximum*
total halogens	4000 ppm, maximum**

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

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

**Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR Part 266.40(c) and OAC rule 3745-279. 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 Part 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.c The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:
-transfer points of material
-aggregate conveyor screening
-weight hopper loading

2.d The permittee shall employ best available control measures for the above-identified material handling operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. The permittee shall minimize the drop height of the front end loader bucket to the extent possible in order to minimize or eliminate fugitive dust. The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions from elevators, aggregate screening points and transfer points to the dryer. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

2.e For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

2.f Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

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 permittee reserves the right to burn natural gas, No. 2 fuel oil, No. 4 used oil, refined No. 2 fuel oil, and refined No. 4 fuel oil. All fuel shall contain no more than 0.5% sulfur content, by weight.

B. Operational Restrictions

1. To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse of not less than 3 or greater than 7 inches of water shall be maintained at all times.

2. The maximum annual asphalt production rate for P901 while burning any fuel listed in Section A.2.g shall not exceed 600,000 tons per year based upon a rolling, 12-month summation of the production rates. To ensure enforceability during the first 12 calendar months of operation following the startup of the modified emissions unit, the permittee shall not exceed the production levels specified in the following table:

Month(s)	Maximum Allowable Cumulative Production (Tons)
1	85,000
1-2	170,000
1-3	265,000
1-4	346,000
1-5	426,000
1-6	476,000
1-7	491,000
1-8	493,000
1-9	495,000
1-10	505,000
1-11	545,000
1-12	600,000

After the first 12 calendar months of operation following the startup of the modified emissions unit, compliance with the annual production rate limitation shall be based upon a rolling, 12-month summation of the production rates.

C. Monitoring and/or Recordkeeping Requirements

1. 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 once per shift basis.

2. The permittee shall receive a chemical analysis with each shipment of used oil from the supplier. The analysis shall identify the name and address of the supplier, the supplier's USEPA identification number, and the following information:

   a. date of shipment or delivery,
   b. quantity of used oil received,
   c. the Btu value of the used oil,
   d. the flash point of the used oil,
   e. the arsenic content,
   f. the cadmium content,
   g. the chromium content,
   h. the lead content,
   i. the PCB content,
   j. the total halogen content, and
   k. the mercury content.

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

3. The permittee shall maintain monthly records of the following information for P901:

   a. The monthly asphalt production, in tons.
   b. For the first 12 calendar months following the startup of the emissions unit, the cumulative asphalt production calculated by adding the current month's asphalt production to the asphalt production for each calendar month since the startup of the modified emissions unit.
   c. Beginning after the first 12 calendar months following the startup of the emissions unit, the rolling, 12-month summation of asphalt production calculated by adding the current month's asphalt production to the asphalt production for the preceding eleven calendar months.

4. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analysis for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content; and ASTM method D240 for heat content. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.

5. Except as otherwise provided in this section, for aggregate handling operations that are not adequately enclosed, the permittee shall perform daily inspections of such operations.

6. The above-mentioned inspections shall be performed during representative, normal operating conditions.

7. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

8. The permittee shall maintain records of the following information:

   a. the date and reason any required inspection was not performed;
   b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
   c. the dates the control measure(s) was (were) implemented; and
   d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

   The information in 8.d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall furnish the Administrator written notification as follows:

   A notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The Administrator may request additional relevant information subsequent to this notice.

2. The permittee shall submit deviation (excursion) reports which 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 deviation (excursion) reports which identify all exceedances of the sulfur content limitation for oil combusted in this emissions unit.

4. The permittee shall submit deviation (excursion) reports which identify each day when a fuel other than the fuels listed in Term A.2.h was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

5. The permittee shall notify USEPA and Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11 within 5 days of occurrence. 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 and all applicable regulations pertaining to the burning of waste oil .

6. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 12-month production rate limitation and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative production rates (levels).

7. The permittee shall submit annual reports which specify the asphalt production rate (in tons) and the PM, NOx, SO2, OC and CO emissions for emissions units P901 for the previous calendar year. For the first 12 calender months following the startup of the modified emissions unit P901, these reports shall include the cumulative asphalt production rate for each calender month in the reporting period. Beginning after the first 12 calender months following the startup of the modified emissions unit P901, these reports shall include the rolling, 12-month summation of asphalt production rate and asphalt production rate using oil for each calender month in the reporting period. These reports shall be submitted by January 31 of each year.

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. 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 60 days after achieving maximum production but no later than 180 days after start-up.

   b. The emission testing shall be conducted to demonstrate compliance with the allowable PM, CO, NO_x, SO_2, and VOC emission rates and the visible emissions limitation for No. 4 used oil.

   c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for No. 4 used oil:

Allowable Emissions Rates	Test Methods *
gr/dscf of PM	5 or 5A
20% opacity as a six-minute average from any stack	9
20% opacity as a three-minute average from fugitive PM	9
lb CO/hr	10
lb NO_x/hr	7

lb SO_2/hr	6
lb VOC/hr	25

* 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 dates(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 emissions 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 emission 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.

2. Emission Limitation - When burning No. 4 used oil
0.04 gr/dcsf of particulate emissions in the exhaust gases from stack
10.7 TPY of PM

Applicable Compliance Method -

See Term E. 1. The TPY emission rate will be based on multiplying the short term emission rate established during the stack test by the annual production rate restriction (600,000 TPY/400 TPH) and (1 ton/2000 lbs).

3. Emission Limitation - When burning No. 4 used oil
20% opacity, as a six-minute average

Applicable Compliance Method(s) -
Compliance shall be determined by visible emission observations performed in accordance with USEPA Reference Method 9 and the procedures specified in OAC rule 3745-17-03 (B)(1).

4. Emission Limitation - When burning No. 4 used oil
22.0 lbs/hr of NOx
16.5 TPY of NOx

Applicable Compliance Method -
See Term E.1. The TPY emission rate will be based on multiplying the short term emission rate established during the stack test by the annual production rate restriction (600,000 TPY/400 TPH) and (1 ton/2000 lbs).

5. Emission Limitation - When burning No. 4 used oil
52.0 lbs/hr of CO
39.0 TPY of CO as a 12-month rolling summation

Applicable Compliance Method -
See Term E.1. The TPY emission rate will be based on multiplying the short term emission rate established during the stack test by the annual production rate restriction (600,000 TPY/400 TPH) and (1 ton/2000 lbs).

6. Emission Limitation - When burning No. 4 used oil
12.8 lbs/hr of VOC
9.6 TPY of VOC

Applicable Compliance Method -
See Term E.1. The TPY emission rate will be based on multiplying the short term emission rate established during the stack test by the annual production rate restriction (600,000 TPY/400 TPH) and (1 ton/2000 lbs).

7. Emission Limitation - When burning No. 4 used oil
23.2 lbs/hr of SO2
17.4 TPY of SO2 as a 12-month rolling summation

Applicable Compliance Method -
See Term E.1. The TPY emission rate will be based on multiplying the short term emission rate established during the stack test by the annual production rate restriction (600,000 TPY/400 TPH) and (1 ton/2000 lbs).

8. Emission Limitation - aggregate material handling emissions
20% opacity, as a three-minute average for fugitive dust emissions

Applicable Compliance Method(s) -
Compliance with the visible emission limitation for the aggregate handling operation(s) identified above 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, 1996, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

9. Emission Limitation - aggregate material handling emissions
21.8 TPY of PM

Applicable Compliance Method -
Compliance with the PM emission limits shall be determined by the following equation:

PM = EF x 3 x 506,250 tons/year x 50% x 1.0 ton/2000 lbs

Where:
EF = calculated emission factors for PM derived from formulae listed in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.4, (1/95). For gravel - 0.146 lb/ton, for limestone - 0.025 lb/ton and for sand - 0.000934 lb/ton, for a total of 0.172 lb/ton for all aggregates handled.

506,250 tons/year - is the maximum amount of aggregates used in the production of 600,000 tons/year of asphalt. It includes equal amounts of gravel, limestone and sand.

3 - is a multiplier factor to include emissions points resulting from the following material handling operations; front-end loading, aggregate screening and transfer points.

50% - is the assumed emission control efficiency, by weight.

10. Emission Limitation - aggregate material handling emissions
10.32 TPY of PM_{10}

Applicable Compliance Method -
Compliance with the PM_{10} emission limits shall be determined by the following equation:

PM_{10} = EF x 3 x 506,250 tons/year x 50% x 1.0 ton/2000 lbs

Where:
EF = calculated emission factors for PM_{10} derived from formulae listed in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 13.2.4, (1/95). For gravel - 0.069 lb/ton, for limestone - 0.012 lb/ton and for sand - 0.000442 lb/ton, for a total of 0.081442 lb/ton for all aggregates handled.

506,250 tons/year - is the maximum amount of aggregates used in the production of 600,000 tons/year of asphalt. It includes equal amounts of gravel, limestone and sand.

3 - is a multiplier factor to include emissions points resulting from the following material handling operations; front-end loading, aggregate screening and transfer points.

50% - is the assumed emission control efficiency, by weight.

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

2. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

   a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

   b. the portable emissions unit is operating pursuant to a currently effective PTI, registration status, or permit to operate (PTO);

   c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Cleveland Bureau of Air Pollution Control and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and

   d. in the Cleveland Bureau of Air Pollution Control's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

3. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

   c. the portable emissions unit owner has identified the proposed site to Ohio EPA;

   d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

   e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and

g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

4. Any site approvals issued by the Ohio EPA, pursuant to F.7. above, shall be valid for no longer than three years and are subject to renewal.

   In order for the Cleveland Bureau of Air Pollution Control and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must 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 Cleveland Bureau of Air Pollution Control (1925 St. Clair Ave., Cleveland, OH 44114) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the Cleveland Bureau of Air Pollution Control and/or the appropriate 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 fines and civil penalties.

5. 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 of 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.

6. All of the terms and conditions of this permit are federally enforceable.

7. The terms in this permit supercede those identified in PTI 1302001 issued December 20, 1989.