Street Address:
State of Ohio Environmental Protection Agency
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329
Mailing Address:
Lazarus Gov.
Center

**RE: FINAL PERMIT TO INSTALL** **CERTIFIED MAIL**
**SUMMIT COUNTY**
**Application No: 16-02032**
**DATE:** 10/12/00

Kenmore Asphalt Products Inc Plant 5
Gregg Mercier
700 Home Ave
Akron, OH 44310-4104

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, buy 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** **ARAQMD**
**Keith Mercek**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

**Permit To Install** **Issue Date: October 12, 2000**
**Terms and Conditions** **Effective Date: October 12, 2000**

**FINAL PERMIT TO INSTALL 16-02032**

| | |
|---|---|
| Application Number: | 16-02032 |
| APS Premise Number: | 1677011122 |
| Permit Fee: | **$4400** |
| Name of Facility: | Kenmore Asphalt Products Inc Plant 5 |
| Person to Contact: | Gregg Mercier |
| Address: | 700 Home Ave<br>Akron, OH 44310-4104 |

Location of proposed air contaminant source(s) [emissions unit(s)]:
**700 Home Ave**
**Akron**, **Ohio**

Description of proposed emissions unit(s):
**Portable Asphalt Batching 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 are inadequate 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 prove to be inadequate 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 |
|---|---|
| TSP | 63.89 |
| CO | 74.04 |
| NOx | 99.69 |
| $SO_2$ | 74.88 |
| VOC | 90.97 |

Emissions Unit ID: **F001**

## 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 |
|---|---|---|
| F001 - Roadways and parking areas | OAC rule 3745-31-05(A)(3) | The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07.<br><br>5.43 tons/yr TSP<br>5 MPH vehicle speed limit<br>Use of water and or suitable dust suppressants sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.a. thru A.2.g.) |
| | OAC rule 3745-17-07(B)(4) | no visible particulate emissions except for 6 minutes during any 60 minute period from any paved roadways |
| | OAC rule 3745-17-07(B)(5) | no visible particulate emissions except for 13 minutes during any 60 minute period from any unpaved roadways<br><br>see A.2.h. |
| | OAC rule 3745-17-08(B) | |

**2.** **Additional Terms and Conditions**

Emissions Unit ID: **F001**

**2.a** The permittee shall employ best available control measures on all paved and unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved and unpaved roadways and parking areas with water or suitable dust suppressant at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**2.b** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.

**2.c** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using appropriate dust control measures for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas specified in OAC rule 3745-17-07(B)(4).

**2.d** The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

**2.e** Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

**2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 and OAC rule 3745-17-08.

**2.g** Posting and enforcing 5 MPH speed limit on all paved and unpaved parking areas and roadways.

**2.h** This emissions limit is equal to or less stringent than the limit established through OAC Rule 3745-31-05(A)(3).

## B. Operational Restrictions

None.

## C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the paved and unpaved roadways and parking areas in accordance with the following frequencies:

| paved and unpaved roadways | minimum inspection frequency |
|---|---|
| All | Daily |

| paved and unpaved parking areas | minimum inspection frequency |
|---|---|
| All | Daily |

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

3. 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.

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

   a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

   b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

   c. the dates the control measures were implemented; and

   d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. 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 submit deviation reports that identify any of the following occurrences:

   a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

   b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

2. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

## E. Compliance Demonstration/Testing Requirements

1. Emission Limitation:
   No visible particulate emissions except for 13 minutes during any 60 minute period.
   No visible particulate emissions except for 6 minutes during any 60 minute period.

   Compliance Method:
   Compliance with the visible emission limitation for the paved and unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 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)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

2. Emission Limitation:
   5.43 tons/yr TSP

   Compliance Method:
   AP-42 emissions factors were used to develop the emissions limitation, and shall be used to demonstrate compliance.

## F. Miscellaneous Requirements

None

**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 | |
|---|---|---|
| | | OAC rule 3745-17-08 (B), (B)(6) |
| F002 - Aggregate Storage Piles | | |
| load-in and load-out of storage piles | OAC rule 3745-31-05(A)(3) | |
| | OAC rule 3745-17-07 (B)(6) | |
| | OAC rule 3745-17-08 (B), (B)(6) | |
| | OAC rule 3745-31-05(A)(3) | |
| wind erosion from storage piles | | |
| | OAC rule 3745-17-07 (B)(6) | |

| Applicable Emissions Limitations/Control Measures |
| --- |
| 2.32 TSP ton/yr |
| no visible emissions except for one minute in any sixty-minute period |
| best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.a., A.2.b., A.2.c. and A.2.f.) |
| see A.2.g |
| see A.2.g |
| no visible emissions except for thirteen minutes in any sixty-minute period |
| best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.a., A.2.d., A.2.e. and A.2.f.) |
| see A.2.g |
| see A.2.g |

**2. Additional Terms and Conditions**

**2.a** The storage piles that are covered by this permit and subject to the requirements of OAC rules 3745-31-05 are listed below:

All aggregate storage piles

**2.b** The permittee shall employ the best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the load-in and load-out material(s) with water and/or any other suitable dust suppression chemicals to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**2.c** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

**2.d** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat each storage pile with water and/or any other suitable dust suppression chemicals at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**2.e** The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.

**2.f** Implementation of the above-mentioned control measures in accordance with the terms

and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

**2.g** This emissions limit is equal to or less stringent than the limit established through OAC Rule 3745-31-05.

## B. Operational Restrictions

None.

## C. Monitoring and/or Recordkeeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

| storage pile identification | minimum load-in inspection frequency |
|---|---|
| All | Daily |

2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

| storage pile identification | minimum load-out inspection frequency |
|---|---|
| All | Daily |

3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:

| storage pile identification | minimum wind erosion inspection frequency |
|---|---|
| All | Daily |

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that

is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.

6. 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.

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

   a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

   b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

   c. the dates the control measures were implemented; and

   d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

   The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), 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 submit deviation reports that identify any of the following occurrences:

   a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

   b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

2. 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. Emission Limitation:
   Visible Emissions Limitations

   Compliance Method:
   Compliance with the visible emission limitations for the storage piles identified above shall be

determined in accordance with Test Method 22 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)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

Emissions Unit ID: **F002**

2. Emission Limitation:
   2.32 TSP ton/yr

   Compliance Method:
   AP-42 emissions factors were used to develop the emissions limitation, and shall be used to demonstrate compliance.

## F. Miscellaneous Requirements

None

**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 - 300 TPH portable counter flow drum mix asphaltic plant controlled with inertia separator and baghouse | OAC rule 3745-31-05(A)(3) | See A.2.c, A.2.d, B.1. and B.7. below.<br>The requirements of this rule also include compliance with 40 CFR Part 60, Subpart I, OAC rule 3745-17-07 (A)(1), OAC rule 3745-17-07(B)(1) and OAC rule 3745-17-08. |
| | 40 CFR Part 60, Subpart I (NSPS) | See A.2.a and A.2.b below. |
| | OAC rule 3745-17-07(A)(1) | See A.2.b below. |
| | OAC rule 3745-17-11 | See A.2.e below. |
| | OAC rule 3745-18-06(E) | See A.2.f below. |
| | OAC rule 3745-21-07(B) | See A.2.g below. |
| | OAC rule 3745-21-08(B) | See A.2.g below. |
| | OAC rule 3745-23-06(B) | See A.2.g below. |
| | OAC rule 3745-17-07(B)(1) | See A.2.h below. |
| | OAC rule 3745-17-08 | See B.2 and B.3 below. |

**2. Additional Terms and Conditions**

**2.a** Emissions of particulate matter shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases.

**2.b** Visible emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by rule.

**2.c** Short term emissions rates shall be limited as follows:
CO - 16.80 pounds per hour
NOx - 22.50 pounds per hour
$SO_2$ - 16.80 pounds per hour
VOC - 20.70 pounds per hour

**2.d** The following limits are in terms of tons per year:
TSP - 56.14
CO - 74.04
NOx - 99.69
$SO_2$ - 74.88
VOC - 90.97

**2.e** The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I and OAC rule 3745-31-05(A)(3).

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

**2.g** The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) and the "latest available control techniques and operating practices" required pursuant to OAC rules 3745-21-08(B) and 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.h** Visible emissions of fugitive dust from the aggregate storage bin and conveyor loading areas shall not exceed 20 percent opacity, as a 3-minute average.

## B. Operational Restrictions

1. The source comprising this permit to install shall combust only natural gas, liquid propane, or #2 fuel oil of no more than 0.5% sulfur content by weight. Combustion of any other fuel will

constitute a violation of this term.

2. The drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust from the aggregate storage bin and conveyor loading areas.

3. The aggregate loaded into the storage bins shall have a moisture content sufficient to eliminate the visible emissions of fugitive dust from the conveyors and the transfer point to the dryer.

4. 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 2-6 inches of water column shall be maintained at all times.

5. The permittee shall properly operate and maintain a monitoring device capable of accurately measuring the pressure drop across the fabric filter.

6. The permittee may substitute recycled asphalt (RAP) aggregates in the raw material feed mix in amounts not to exceed 50% of all aggregate materials introduced at any given time.

7. The permittee shall install and operate a vapor recovery system to collect gases vented from the asphalt storage silo. The permittee shall install condensers on the vents to the asphalt cement storage tanks to capture fugitive emissions that occur when the tanks are filled.

## C. Monitoring and/or Recordkeeping Requirements

1. This facility shall maintain records of the oil supplier's analysis for each shipment of oil which is received for burning in this source. The oil supplier's analyses shall document the sulfur content (percent) of each shipment of oil. These records shall be kept in a central location for a minimum of five (5) years and shall be made available upon request to a representative of the Ohio EPA.

2. The permittee shall maintain monthly records of the production rate in tons for each month and each year.

3. The permittee shall check the pressure drop across the fabric filter a minimum of once per day and maintain daily records of the pressure drop readings.

4. The permittee shall record the maximum percentage of RAP mixed with the raw material feed mix for each day.

5. The permit to install for this emissions unit (P901) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Emissions Unit ID: **P901**

Pollutant: formaldehyde

TLV (mg/m3): 272.7

Maximum Hourly Emission Rate (lbs/hr): 1.08

Predicted 1 Hour Maximum Ground-Level Concentration (ug/m3): 1.32

MAGLC (ug/m3): 6.49

Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxic Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the "Air Toxic Policy" will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is (are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the "Air Toxic Policy:"

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

## 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, while the emissions unit was in operation. These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

2. The permittee shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" per Part II section F.1 of this permit.

3. The permittee shall report any exceedances of the sulfur limitations for oil combusted in this emissions unit within 30 days to the Akron Regional Air Quality Management District.

4. The permittee shall report any exceedances of the percent RAP limitation for RAP mixed with raw material feed in this emissions unit within 30 days to the Akron Regional Air Quality Management District.

## E. Testing Requirements

1. Performance Testing Requirements:

   a. After installation and within 180 days after achieving the emission units maximum production rate, the permittee shall conduct, or have conducted, an emission test(s) for this emissions unit in order to demonstrate compliance with the allowable mass emission rate(s) for particulates. The particulates test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 5, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for particulate emissions (e.g. "Virgin aggregate"/slag). This "Worst Case" scenario shall be pre-approved by the appropriate Ohio EPA District Office or local air agency.

   b. After installation and within 180 days after achieving the emissions units maximum production rate, the permittee shall conduct, or have conducted, an emissions test(s) for this emissions unit in order to demonstrate compliance with the allowable mass emission rate(s) for sulfur dioxide. The sulfur dioxide test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 6, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

c. After installation and within 180 days after achieving the emissions units maximum production rate, the permittee shall conduct, or have conducted, an emissions test(s) for this emissions unit in order to demonstrate compliance with the allowable mass emission rate(s) for organic compounds. The organic compound test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 25 or 25A (as appropriate), of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for VOC emissions (e.g. maximum allowed RAP/Slag content, highest organic content fuel and asphalt). This "Worst Case" scenario shall be pre-approved by the appropriate Ohio EPA District Office or local air agency.

d. After installation and within 180 days after achieving the emissions units maximum production rate, the permittee shall conduct, or have conducted, an emissions test(s) for the allowable mass emission rate(s) for carbon monoxide. The carbon monoxide test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 10, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

e. After installation and within 180 days after achieving the emissions units maximum production rate, the permittee shall conduct, or have conducted, an emissions test(s) for the allowable mass emission rate(s) for nitrogen dioxide. The nitrogen dioxide test(s) shall be conducted in accordance with the test methods and procedures specified in "USEPA Reference Method 7, of 40 CFR Part 60, Appendix A" while the emissions unit is operating at or near maximum capacity. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

f. 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 emission 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).

g. 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.

h. 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).

2. Compliance with the emission limitation(s) in this permit shall be determined in accordance with the following method(s):

a. Emission Limitation:
Emissions of particulate matter shall not exceed 0.04 grain per dry standard cubic foot of exhaust gases.

Applicable Compliance Method:
Compliance shall be determined by testing requirements in section E.1.a above.

b. Emission Limitation:
Visible emissions shall not exceed 20 percent opacity, as a 6-minute average, from the stack, except as provided by rule.

Applicable Compliance Method:
Compliance shall be based upon visible emissions observations in accordance with OAC rule 3745-17-03(B)(1), using test method 9 of 40 CFR Part 60, Appendix A.

c. Emission Limitation:
16.80 pounds per hour of CO.

Applicable Compliance Method:
The allowable emissions rate was determined by multiplying 0.056 pounds of CO per ton (AP-42 Table 11.1-8 dated 1/95) processed by the maximum operating rate in tons per hour. Compliance shall be determined by testing requirements in section E.1. above.

d. Emission Limitation:
22.50 pounds per hour of $NO_x$.

Applicable Compliance Method:
The allowable emissions rate was determined by multiplying 0.075 pounds of $NO_x$ per ton (AP-42 Table 11.1-8 dated 1/95) processed by the maximum operating rate in tons per hour. Compliance shall be determined by testing requirements in section E.1. above.

e. Emission Limitation:
16.80 pounds per hour of $SO_2$.

Applicable Compliance Method:
The allowable emissions rate was determined by multiplying 0.056 pounds of $SO_2$ per ton (AP-42 Table 11.1-8 dated 1/95) processed by the maximum operating rate in tons per hour. Compliance shall be determined by testing requirements in section E.1. above.

f. Emission Limitation:

20.70 pounds per hour of VOC.

Applicable Compliance Method:
The allowable emissions rate was determined by multiplying 0.069 pounds of VOC per ton (AP-42 Table 11.1-8 dated 1/95) processed by the maximum operating rate in tons per hour. Compliance shall be determined by testing requirements in section E.1. above.

g. Emission Limitation:
56.14 tons per year TSP.

Applicable Compliance Method:
Compliance shall be determined by using the emission factor in pounds of TSP per ton processed obtained from the most recent stack test times the annual tons processed.

h. Emission Limitation:
74.04 tons per year of CO.

Applicable Compliance Method:
Compliance shall be determined by using the emission factor in pounds of CO per ton processed obtained from the most recent stack test times the annual tons processed.

i. Emission Limitation:
99.69 tons per year of $NO_x$.

Applicable Compliance Method:
Compliance shall be determined by using the emission factor in pounds of $NO_x$ per ton processed obtained from the most recent stack test times the annual tons processed.

j. Emission Limitation:
74.88 tons per year of $SO_2$.

Applicable Compliance Method:
Compliance shall be determined by using the emission factor in pounds of $SO_2$ per ton processed obtained from the most recent stack test times the annual tons processed.

k. Emission Limitation:
90.97 tons per year of VOC.

Applicable Compliance Method:
Compliance shall be determined by using the emission factor in pounds of VOC per ton processed obtained from the most recent stack test times the annual tons processed.

Emissions Unit ID: **P901**

l. Emission Limitation:
Visible emissions of fugitive dust from the aggregate storage bin and conveyor loading areas shall not exceed 20 percent opacity, as a 3-minute average.

Applicable Compliance Method:
Compliance shall be based upon visible emissions observations in accordance with OAC rule 3745-17-03(B)(3), using test method 9 of 40 CFR Part 60, Appendix A.

m. Emission Limitation:

No visible emissions of fugitive dust from the conveyors and the transfer point to the rotary dryer.

Applicable Compliance Method:
Compliance shall be determined using method 22 of 40 CFR Part 60, Appendix A.

## F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source

a. Pursuant to Ohio Administrative Code (OAC) rule 3754-31-03 (A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a Permit to Install (PTI) providing the following criteria are met:

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

ii. the portable emissions unit is operating pursuant to a currently effective Permit to Operate (PTO);

iii. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Akron Regional Air Quality Management District (ARAQMD) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and

iv. in the ARAQMD's and the appropriate field offices's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

b. 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:

i. the portable emissions unit permittee possesses an Ohio Environmental Protection Agency (Ohio EPA) PTI, PTO or Registration Status;

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

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

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

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

vi. 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 this proposed site; and

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

c. Any site approvals issued by the Ohio EPA, pursuant to F.1.b above, shall be valid for no longer than three years and are subject to renewal.

In order for the ARAQMD and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee 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 ARAQMD (146 S. High Street, Suite 904, Akron, OH 44308) and the appropriate field office having jurisdiction over the new site. Upon receipt of the notice, the ARAQMD, and/or 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 Environmental Protection Agency approval prior to relocation of the emissions unit may result in fines and civil penalties.

2. The permittee shall comply with any applicable State and federal requirements governing the storage, treatment, transport, and disposal of any waste material generated by the operation of the emissions unit.

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

Emissions Unit ID: **P901**

## NEW SOURCE REVIEW FORM B

PTI Number: 16-02032 Facility ID: 1677011122

FACILITY NAME Kenmore Asphalt Products Inc Plant 5

FACILITY DESCRIPTION Portable Asphalt Batching Plant. CITY/TWP Akron

SIC CODE 2951 SCC CODE 3-05-002-99 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Roadways and parking areas

DATE INSTALLED June 2000

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

| Pollutants | Air Quality Description | Actual Emissions Rate | | PTI Allowable | |
|---|---|---|---|---|---|
| | | Short Term Rate | Tons Per Year | Short Term Rate | Tons Per Year |
| Particulate Matter | | | | | 5.43 |
| $PM_{10}$ | | | | | |
| Sulfur Dioxide | | | | | |
| Organic Compounds | | | | | |
| Nitrogen Oxides | | | | | |
| Carbon Monoxide | | | | | |
| Lead | | | | | |
| Other: Air Toxics | | | | | |

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

| WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION? |
|---|
| **minimizing fugitive dust and visible particulate emissions** |

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES x NO

IDENTIFY THE AIR CONTAMINANTS: _____

**NEW SOURCE REVIEW FORM B**

PTI Number: 16-02032 Facility ID: 1677011122

FACILITY NAME Kenmore Asphalt Products Inc Plant 5

FACILITY DESCRIPTION Portable Asphalt Batching Plant CITY/TWP Akron

Emissions Unit ID: **P901**

SIC CODE 2951 SCC CODE 3-05-002-03 EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION Storage Piles

DATE INSTALLED June 2000

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

| Pollutants | Air Quality Description | Actual Emissions Rate | | PTI Allowable | |
|---|---|---|---|---|---|
| | | Short Term Rate | Tons Per Year | Short Term Rate | Tons Per Year |
| Particulate Matter | | | | | 2.32 |
| $PM_{10}$ | | | | | |
| Sulfur Dioxide | | | | | |
| Organic Compounds | | | | | |
| Nitrogen Oxides | | | | | |
| Carbon Monoxide | | | | | |
| Lead | | | | | |
| Other: Air Toxics | | | | | |

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

| WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION? |
|---|
| **minimizing fugitive dust and visible particulate emissions** |

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $

**TOXIC AIR CONTAMINANTS**

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES x NO

IDENTIFY THE AIR CONTAMINANTS: _____

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# NEW SOURCE REVIEW FORM B

PTI Number: 16-02032 Facility ID: 1677011122

FACILITY NAME Kenmore Asphalt Products Inc Plant 5

FACILITY DESCRIPTION Portable Asphalt Batching Plant. CITY/TWP Akron

Emissions Unit ID: **P901**

SIC CODE 2951 SCC CODE 3-05-002-05 EMISSIONS UNIT ID P901

EMISSIONS UNIT DESCRIPTION Portable asphalt counter flow drum mix plant #5

DATE INSTALLED June 2000

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

| Pollutants | Air Quality Description | Actual Emissions Rate | | PTI Allowable | |
|---|---|---|---|---|---|
| | | Short Term Rate | Tons Per Year | Short Term Rate | Tons Per Year |
| Particulate Matter | | | | 0.04 grain per dry standard cubic foot of exhaust gases | 56.14 |
| $PM_{10}$ | | | | | |
| Sulfur Dioxide | | | | 16.80 pounds per hour | 74.88 |
| Organic Compounds | | | | 20.70 pounds per hour | 90.97 |
| Nitrogen Oxides | | | | 22.50 pounds per hour | 99.69 |
| Carbon Monoxide | | | | 16.80 pounds per hour | 74.04 |
| Lead | | | | | |
| Other: Air Toxics | | | | | |

APPLICABLE FEDERAL RULES:

NSPS? 40 CFR Part 60, Subpart I NESHAP? PSD? OFFSET POLICY?

| WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION? |
|---|
| **fuel restriction, minimizing fugitive dust and visible particulate emissions** |

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? yes

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? $

## TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? x YES ____ NO

IDENTIFY THE AIR CONTAMINANTS: formaldehyde

**NEW SOURCE REVIEW FORM B**

PTI Number: 16-02032 Facility ID: 1677011122

FACILITY NAME Kenmore Asphalt Products Inc Plant 5

FACILITY DESCRIPTION Portable Asphalt Batching Plant. CITY/TWP Akron

Emissions Unit ID: **P901**

**Ohio EPA Permit to Install Information Form** Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit hard copy items to **Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

| ***Please fill out the following. If the checkbox does not work, replace it with an 'X'*** | Electronic | **Additional information** File Name Convention (your PTI # plus this letter) | Hard Copy | None |
|---|---|---|---|---|
| Calculations (required) | ☒ | 0000000**c**.wpd | ☒ | |
| Modeling form/results | ☐ | 0000000**s**.wpd | ☐ | ☐ |
| PTI Application (complete or partial)* | ☐ | 0000000**a**.wpd | ☐ | ☐ |
| BAT Study | ☐ | 0000000**b**.wpd | ☐ | ☐ |
| Other/misc. | ☐ | 0000000**t**.wpd | ☐ | ☐ |

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

**NSR Discussion**

NONE

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

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

Permit To Install **ENTER PTI NUMBER HERE**

A. Source Description

B. Facility Emissions and Attainment Status

C. Source Emissions

D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

Potential to emit calculations are as follows:

For particulates (P901 only), the allowable 12.82#/hour limit was calculated based on the NSPS restriction of 0.04 grains/dscf. This limit was multiplied by 8760 hours, and divided by the conversion factor of 2000#/ton to obtain the allowable rate of 56.14 TPY. For emissions units F001 and F002, the allowable long term particulate emission rates of 5.43 TPY and 2.32 TPY, respectively, were calculated by the applicant. These calculations were sent to Ohio EPA in

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PTI Num
FACILIT
Emissions Unit ID: **P901**
FACILITY DESCRIPTION Portable Asphalt Batching Plant. CITY/TWP Akron

hard copy form. The sum of the total suspended particulates (TSP) allowable long term emission rate of 63.89 TPY was calculated by adding the allowable long terms rates for P901, F001, and F002.

For the other pollutants, the major portion of their potential to emit was accounted for by multiplying their respective emission factors in AP-42 (#/ton mix) by the plant rating of 300 tons per hour, and then by the factor of 8760/2000. The remaining portion of their potential to emit was accounted for in the hot oil heater by multiplying their respective emission factors in AP-42 (#/MMBTU) by the fire rate of the flame of 2.82 MMBTU/hour, and then by the factor of 8760/2000.

Please complete:

SUMMARY (for informational purposes only)

TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS