

Facility ID: 1576000151 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

\*\*\*THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION\*\*\*

Facility ID: 1576000151 Emissions Unit ID: P901 Issuance type: Final State Permit To Operate

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**Part II - Special Terms and Conditions**

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
  - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
  - (a) None.

**A. Applicable Emissions Limitations and/or Control Requirements**

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
P901 - 360 TPH drum hot mix asphalt plant with fabric filter dust collector (baghouse) burning natural gas, No. 2 fuel oil and used on-spec oil.	OAC rule 3745-31-05(A)(3) PTI 15-01522	When burning used on-spec oil, No. 2 fuel oil or natural gas, stack emissions shall not exceed the following: Nitrogen oxide emissions shall not exceed 36 lbs/hr and 20 tons/yr. Carbon monoxide emissions shall not exceed 162 lbs/hr and 90 tons/yr. VOC emissions shall not exceed 59.04 lbs/hr and 32.8 tons/yr. PM emissions shall not exceed 15.36 lbs/hr and 8.6 tons/yr. PM10 emissions shall not exceed 15.36 lbs/hr and 8.6 tons/yr. Lead emissions shall not exceed 0.0054 lb/hr and 0.003 ton/yr. HCl emissions shall not exceed 0.076 lb/hr and 0.042 ton/yr.  When burning used on-spec oil, Sulfur dioxide emissions shall not exceed 86.4 lbs/hr and 48 tons/yr.  When burning No. 2 fuel oil or natural gas, Sulfur dioxide emissions shall not exceed 36 lbs/hr and 20 tons/yr.  Fugitive PM emissions shall not exceed 12.0 tons/yr. Fugitive PM10 emissions shall not exceed 1.72 tons/yr.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A), 3745-17-07(B)(1) and 40 CFR Part 60, Subpart I.  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust  (See sections A.2.a through A.2.j below.)
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	40 CFR Part 60, Subpart I	0.04 gr/dscf of particulate emissions exhaust gases from stack
	OAC rule 3745-17-11(B)	The emission limitation specified by this rule is less

OAC rule 3745-18-06	stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I and OAC rule 3745-31-05(A)(3)
OAC rule 3745-31-05(D) Synthetic Minor to avoid PSD and Title V PTI 15-01451	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). SO2 emissions shall not exceed 48 TPY as a rolling, 12-month summation. CO emissions shall not exceed 90 TPY as a rolling, 12-month summation. VOC emissions shall not exceed 10 TPY as a rolling, 12-month summation. NOx emissions shall not exceed 20 TPY as a rolling, 12-month summation.
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)	Visible particulate emissions of fugitive dust from this emissions unit shall not exceed twenty percent opacity, as a three-minute average.

2. **Additional Terms and Conditions**

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the emissions limitations, production limitations, use of a fabric filter and compliance with the Ohio EPA's Air Toxics Policy. 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.  
The hourly emissions limitations outlined in term A.1. are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.  
The hourly emissions limitations outlined in term A.1. are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limits.  
The permittee shall maintain a minimum height of 30 feet for the baghouse stack.  
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  
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.  
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.  
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.  
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 3745-58-50. Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the supplier ["marketer" in 40 CFR Part 266.43(a)] has demonstrated to the Ohio EPA's Division of Solid and Hazardous Waste Management that the used oil does not contain any hazardous waste.

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 2 nor greater than 8 inches of water shall be maintained at all times while this emissions unit is being operated.
- 2. **Fuel Usage:**  
The permittee shall combust, in this emissions unit, only natural gas, No. 2 fuel oil with no more than 0.5% sulfur content, by weight or used on-spec oil with no more than 0.5% sulfur content, by weight.
- 3. The maximum annual asphalt production for this emissions unit shall not exceed 400,000 tons per year based upon a rolling, 12-month summation of the production rates. To ensure enforceability during the 12 calendar months of the year 2001, the permittee shall not exceed the production rate specified in the following table:  
  
- Maximum Allowable Cumulative  
Month(s) Tons of Hot Mix Asphalt Produced  
  
1 33,000  
1-2 67,000  
1-3 100,000  
1-4 133,000  
1-5 167,000  
1-6 200,000

- 1-7 233,000
- 1-8 267,000
- 1-9 300,000
- 1-10 333,000
- 1-11 367,000
- 1-12 400,000

After calendar year 2001, compliance with the annual production limitation for this emissions unit shall be based upon a rolling, 12-month summation of the tons of asphalt produced.

4. All recycled, used oil burned in this emissions unit shall meet the following specifications:

Contaminant/Property Allowable Specification  
 arsenic 5 ppm, maximum  
 cadmium 2 ppm, maximum  
 chromium 10 ppm, maximum  
 lead 100 ppm, maximum  
 PCBs 10 ppm, maximum\*  
 total halogens 4000 ppm, maximum\*\*  
 mercury 1 ppm, maximum  
 flash point 100oF, minimum  
 heat content 135,000 Btu/gallon, minimum

\* If the permittee is burning used oil with any quantifiable level (2 ppm) of PCBs, 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 CFR Part 266.43(a)] has demonstrated to the Ohio EPA's Division of Hazardous Waste Management that the used oil does not contain any hazardous waste.

**C. Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain monthly records of the following information:

- a. the tons of asphalt produced for each month; and
- b. beginning in calendar year 2002, the rolling, 12-month summation of the asphalt production in tons.

Also, during calendar year 2001, the permittee shall record the cumulative asphalt production in tons for each calendar month.

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. The date of shipment or delivery.
- b. The quantity of used oil received.
- c. The Btu value of the used oil, in BTU/gallon.
- d. The flash point of the used oil in degrees F.
- e. The arsenic content, in ppm.
- f. The cadmium content, in ppm.
- g. The chromium content, in ppm.
- h. The lead content, in ppm.
- i. The PCB content, in ppm.
- j. The total halogen content, in ppm.
- k. The mercury content, in ppm.

Each analysis shall be kept in a readily accessible location for at least 5 years and shall be made available to the 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 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 Canton local air agency.

For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analysis for sulfur content and heat content.

4. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the fabric filter 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 fabric filter on a daily basis.

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 operation. The inspections shall be performed during representative, normal operating conditions.

The permittee may, upon receipt of written approval from the Canton 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.

6. The baghouse internal components and bags must be inspected regularly. Intervals between inspections should not exceed two (2) weeks during the asphalt production season. The permittee shall maintain records of such inspections and any repairs made. Such records shall be made available to personnel from the Canton local air agency (or any other agent of the Ohio EPA) upon request during normal working hours.
7. The permittee shall conduct daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack servicing the dryer. These checks shall be conducted under normal operating conditions. The checks shall be conducted for at least six consecutive minutes. The presence or absence of any visible particulate emissions shall be recorded in an operations log and shall be made available to personnel from the Canton local air agency (or any other agent of the Ohio EPA) upon request during normal working hours. If visible particulate emissions are observed, the permittee shall also note the following in the operations log:
- a. the color of the visible particulate emissions;
  - b. whether the visible particulate emissions are representative of normal operations;
  - c. if the emissions are not representative of normal operations, the cause of the abnormal visible particulate emissions;
  - d. the total duration of any visible particulate emission incident; and
  - e. any corrective actions taken to eliminate the visible particulate emissions.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month asphalt production rate limitation and, for calendar year 2003, all exceedances of the maximum allowable cumulative asphalt production rates' levels.
2. Sulfur Content in Oil Limitation:  
The permittee shall submit deviation (excursion) reports that identify all exceedances of the sulfur content limitation for oil combusted in this emissions unit.
3. The permittee shall submit deviation (excursion) reports that identify all exceedances of the above-mentioned allowable pressure drop range.
4. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas, No. 2 fuel oil or used on-spec oil was burned in this emissions unit.
5. The permittee shall submit deviation (excursion) reports that identify any day when the material handling operations were not inspected.
6. The permittee shall submit, on a quarterly basis, copies of the permittee's or oil supplier's analyses for each shipment of used oil which is received for burning in this emissions unit. The permittee's or oil supplier's analysis shall document the sulfur content (percent) and heat content (Btu/gallon) for each shipment of oil. The following information shall also be included with the copies of the permittee's or oil supplier's analyses:
  - a. the total quantity of oil received in each shipment (gallons);
  - b. the weighted\* average sulfur dioxide emission rate (pounds/mmBtu) for the oil received during the calendar month; and
  - c. the weighted\* average heat content (Btu/gallon) of the oil received during the calendar month.

\*In proportion to the quantity of oil received in each shipment during the calendar month.  
These quarterly reports shall be submitted by February 15, May 15, August 15, and November 15 of each year and shall cover the oil shipments received during the previous calendar quarters.
7. These reports, as denoted by terms D.1 - D.10, are due by the date described in Part 1 - General Terms and Conditions of this permit under section (A)(2).
8. The permittee shall submit semiannual written reports which identify the following:
  - a. all days during which any visible particulate emissions were observed from the stack serving this emissions unit;
  - b. any corrective actions taken to eliminate visible particulate emissions from the stack; and
  - c. all days when at least 6 minutes of daily checks for visible particulate emissions were not conducted when the emissions unit was in operation and the weather conditions were acceptable.

The reports shall be submitted to the Canton local air agency by January 31 and July 31 of each year and shall cover the previous 6-month period.
9. The permittee shall notify the USEPA and the Ohio EPA if any of the used oil exceeds the used oil specifications found in OAC rule 3745-279-11. If the permittee is burning used oil which exceeds the specifications found in

OAC rule 3745-279-11, the permittee is subject to that rule and must comply with all provisions of that rule.

10. The permittee shall submit a Preventative Maintenance and Malfunction Abatement Plan (PM&MAP) to the Canton local air agency within thirty days after issuance of this permit to install. This PM&MAP shall comply with the requirements listed in OAC rule 3745-15-06(D)(1). The PM&MAP submitted by the permittee in a letter dated March 13, 2000 was not adequate. The manual titled "Ohio EPA's Operation and Maintenance (O&M) Guidelines For Air Pollution Control Equipment" provides excellent guidance on how to develop an acceptable PM&MAP.

**E. Testing Requirements**

1. No later than June 30, 2004, 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, VOC, CO, SO<sub>2</sub> and NO<sub>x</sub>. The test(s) shall be conducted in accordance with the test methods and procedures specified in Method 5 of 40 CFR Part 60, Appendix A for particulates, Method 25 or 25A of 40 CFR Part 60, Appendix A for VOC, Method 10 or 10A of 40 CFR Part 60, Appendix A for CO, Method 6 of 40 CFR Part 60, Appendix A for SO<sub>2</sub> and Method 7 of 40 CFR Part 60, Appendix A for NO<sub>x</sub> while the emissions unit is operating at or near maximum capacity, using only virgin aggregate and used on-spec oil as fuel for the dryer.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit's operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emissions test(s).

Personnel from the Canton local air agency shall be permitted to witness the test(s), examine the testing equipment and acquire data and information regarding the emissions unit's operating parameters.

A comprehensive written report on the results of the emission test(s) shall be submitted within 30 days following completion of the test(s).

2. Compliance with the emission limitation(s) in sections A.1. and A.2. of these terms and conditions shall be determined in accordance with the following method(s):

**Emissions Limitation**

When burning natural gas, No. 2 fuel oil or used on-spec oil:

Limit of 0.04 gr/dcsf of particulate emissions in the exhaust gases from stack.

**Applicable Compliance Method**

Compliance shall be determined by emission testing as specified in section E.1.

**Emissions Limitation**

When burning natural gas, No. 2 fuel oil or used on-spec oil:

Visible particulate emissions from any stack associated with this emissions unit shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

**Applicable Compliance Method**

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).

**Emissions Limitation**

When burning used on-spec oil, No. 2 fuel oil or natural gas:

Nitrogen oxide emissions shall not exceed 36 lbs/hr and 20 tons/yr.

**Applicable Compliance Method**

Compliance shall be determined by emission testing as specified in section E.1.

The TPY emission rate will be based on multiplying the short term lb/hr emission rate by the annual asphalt production of the emissions unit.

**Emissions Limitation**

When burning used on-spec oil, natural gas or No. 2 fuel oil:

Carbon monoxide emissions shall not exceed 162 lbs/hr and 90 tons/yr.

**Applicable Compliance Method**

Compliance shall be determined by emission testing as specified in section E.1.

The TPY emission rate will be based on multiplying the short term lb/hr emission rate by the annual asphalt production of the emissions unit.

**Emissions Limitation**

When burning natural gas, No. 2 fuel oil or used on-spec oil:

PM/PM10 stack emissions shall not exceed 15.36 lbs/hr and 8.6 tons/yr.

**Applicable Compliance Method**

Compliance shall be determined by emission testing as specified in section E.1.

Compliance with the annual limit shall be determined based upon the following formula:

$$E = A \cdot B [1 \text{ ton} / 2,000 \text{ lbs}]$$

Where:

E = PM/PM10 emission rate in tons per year.

A = average emission rate in pounds PM/PM10 per ton of asphalt produced from the most recent performance stack test.

B = annual 12-month summation of asphalt produced (tons).

**Emissions Limitation**

When burning used on-spec oil, natural gas or No. 2 fuel oil:

VOC emissions shall not exceed 59.04 lbs/hr and 32.8 tons/yr.

**Applicable Compliance Method**

Compliance shall be determined by emission testing as specified in section E.1.

Compliance with the annual limit shall be determined based upon the following formula:

$$E = A \cdot B [1 \text{ ton} / 2,000 \text{ lbs}]$$

## Where:

E = VOC emission rate in tons per year.

A = average emission rate in pounds VOC per ton of asphalt produced from the most recent performance stack test.

B = annual 12-month summation of asphalt produced (tons).

## Emissions Limitation

When burning natural gas, No.2 fuel oil or used on-spec oil:

Lead emissions shall not exceed 0.0054 lb/hr and 0.003 ton/yr.

## Applicable Compliance Method

Compliance shall be determined by calculations using the emission factor of 0.000015 lb Pb/ton of asphalt from AP-42, Table 11.1-12, 12/2000 Edition.

The TPY emission rate will be based on multiplying the short term lb/hr emission rate by the annual asphalt production of the emissions unit.

## Emissions Limitation

When burning natural gas or No. 2 fuel oil:

Sulfur dioxide emissions shall not exceed 36 lbs/hr and 20 tons/yr.

## Applicable Compliance Method

Compliance shall be determined by calculations using the emission factor of 0.1 lb SO<sub>2</sub>/ton of asphalt.

The TPY emission rate will be based on multiplying the short term lb/hr emission rate by the annual asphalt production of the emissions unit.

## Emissions Limitation

When burning used on-spec oil:

Sulfur dioxide emissions shall not exceed 86.4 lbs/hr and 48 tons/yr.

## Applicable Compliance Method

Compliance shall be determined by emission testing as specified in section E.1.

Compliance with the annual limit shall be determined based upon the following formula:

$$E = A \cdot B [1 \text{ ton} / 2,000 \text{ lbs}]$$

## Where:

E = SO<sub>2</sub> emission rate in tons per year.

A = average emission rate in pounds SO<sub>2</sub> per ton of asphalt produced from the most recent performance stack test.

B = annual 12-month summation of asphalt produced (tons).

## Emissions Limitation

When burning used on-spec oil:

HCl emissions shall not exceed 0.076 lb/hr and 0.042 ton/yr.

## Applicable Compliance Method

Compliance shall be determined by calculations using the emission factor of 0.00021 lb HCl/ton of asphalt from AP-42, Table 11.1-7, 12/2000 Edition.

The TPY emission rate will be based on multiplying the short term lb/hr emission rate by the annual asphalt production of the emissions unit.

## Emissions Limitation

Visible particulate emissions of fugitive dust from this emissions unit shall not exceed twenty percent opacity, as a three-minute average.

## 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.

## Emissions Limitation

Fugitive PM emissions from aggregate material handling shall not exceed 12 tons/yr.

## Applicable Compliance Method

Compliance shall be determined by calculations using the emission factor of 0.4 lb PM/ton of asphalt times 0.2 (80% control) times annual asphalt production.

## Emissions Limitation

Fugitive PM<sub>10</sub> emissions from aggregate material handling shall not exceed 1.72 tons/yr.

## Applicable Compliance Method

Compliance shall be determined by calculations using the emission factor of 0.04 lb PM<sub>10</sub>/ton of asphalt from SCC 30500204 Cold Aggregate Handling times 0.2 (80% control) times annual asphalt production.

## Emissions Limitation

SO<sub>2</sub> emissions shall not exceed 48 TPY as a rolling, 12-month summation.

## Applicable Compliance Method

Monitoring and recordkeeping of asphalt production as required in section C.2.

## Emissions Limitation

CO emissions shall not exceed 90 TPY as a rolling, 12-month summation.

## Applicable Compliance Method

Monitoring and recordkeeping of asphalt production as required in section C.2.

## Emissions Limitation

VOC emissions shall not exceed 10 TPY as a rolling, 12-month summation.

## Applicable Compliance Method

Monitoring and recordkeeping of asphalt production as required in section C.2.

## Emissions Limitation

NO<sub>x</sub> emissions shall not exceed 20 TPY as a rolling, 12-month summation.

**Applicable Compliance Method**

Monitoring and recordkeeping of asphalt production as required in section C.2.

3. Compliance with the operational limitations of this permit shall be determined in accordance with the following methods:

**Operational Limitation:**

The maximum annual asphalt production for this emissions unit shall not exceed 400,000 tons per year based upon a rolling, 12-month summation of the production rates.

**Applicable Compliance Method**

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section C.2.

**Operational Limitation:****Fuel Usage:**

The permittee shall combust, in this emissions unit, only natural gas, No. 2 fuel oil with no more than 0.5% sulfur content, by weight, or used on-spec oil with no more than 0.5% sulfur content, by weight.

**Applicable Compliance Method**

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section C.3.

**Operational Limitation:**

All recycled, used oil burned in this emissions unit shall meet the following specifications:

**Contaminant/Property Allowable Specification**

arsenic 5 ppm, maximum  
 cadmium 2 ppm, maximum  
 chromium 10 ppm, maximum  
 lead 100 ppm, maximum  
 PCBs 10 ppm, maximum\*  
 total halogens 4000 ppm, maximum\*\*  
 mercury 1 ppm, maximum  
 flash point 100oF, minimum  
 heat content 135,000 Btu/gallon, minimum

\* If the permittee is burning used oil with any quantifiable level (2 ppm) of PCBs, then the permittee is subject to the notification requirements of 40 CFR Part 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 CFR Part 266.43(a)] has demonstrated to the Ohio EPA's Division of Hazardous Waste Management that the used oil does not contain any hazardous waste.

**Applicable Compliance Method**

Compliance shall be achieved based on the monitoring and recordkeeping as specified in section C.3.

**F. Miscellaneous Requirements**

1. 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 permit to install (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, permit to operate (PTO) or registration;
  - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Canton local air agency 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 Canton local air agency's and the appropriate field office's judgment, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
2. 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's 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's 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's 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's owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

In order for the Canton local air agency 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 Canton local air agency and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the Canton local air agency 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.

4. This source is subject to the applicable provisions of the New Source Performance Standards (NSPS) as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60.

The application and enforcement of these standards are delegated to the Ohio EPA. The requirements of 40 CFR Part 60 are also federally enforceable.

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

- a. construction date (no later than 30 days after such date);
- b. anticipated start-up date (not more than 60 days nor less than 30 days prior to such date);
- c. actual start-up date (within 15 days after such date); and
- d. date of performance testing (Required, at least 30 days prior to testing).

Reports are to be sent to:

Ohio Environmental Protection Agency  
DAPC - Permit Management Unit  
Lazarus Government Center  
P.O. Box 1049  
Columbus, OH 43216-1049

and

Canton City Health Department  
Air Pollution Control Division  
420 Market Avenue N.  
Canton, OH 44702-1544

5. The following terms and conditions of this permit are federally enforceable: A, B, C, D and E.
6. 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.