



John R. Kasich, Governor
 Mary Taylor, Lt. Governor
 Craig W. Butler, Director

6/9/2016

Certified Mail

DAVID PORTER
 CENTRAL OHIO ASPHALT
 PO BOX 248
 CHESTERVILLE, OH 43317

No	TOXIC REVIEW
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
Yes	NSPS
No	NESHAPS
No	NETTING
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)
No	SYNTHETIC MINOR TO AVOID MAJOR GHG

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0159000144
 Permit Number: P0083798
 Permit Type: Renewal
 County: Morrow

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**
- **What should you do if you notice a spill or environmental emergency?**

How to appeal this permit

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Josh Mandel," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
 77 South High Street, 17th Floor
 Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, please contact Ohio EPA DAPC, Central District Office at (614)728-3778 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: Ohio EPA-CDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
CENTRAL OHIO ASPHALT**

Facility ID:	0159000144
Permit Number:	P0083798
Permit Type:	Renewal
Issued:	6/9/2016
Effective:	6/9/2016
Expiration:	6/9/2021



Division of Air Pollution Control
Permit-to-Install and Operate
for
CENTRAL OHIO ASPHALT

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Final Permit-to-Install and Operate
CENTRAL OHIO ASPHALT
Permit Number: P0083798
Facility ID: 0159000144
Effective Date: 6/9/2016

Authorization

Facility ID: 0159000144
Application Number(s): A0014209
Permit Number: P0083798
Permit Description: FEPTIO renewal permit for a batch-mix asphalt plant.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 6/9/2016
Effective Date: 6/9/2016
Expiration Date: 6/9/2021
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

CENTRAL OHIO ASPHALT
STATE ROUTE 95
Chesterville, OH 43317

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

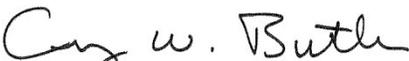
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Central District Office
50 West Town Street, 6th Floor
P.O. Box 1049
Columbus, OH 43216-1049
(614)728-3778

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Craig W. Butler
Director



Final Permit-to-Install and Operate
CENTRAL OHIO ASPHALT
Permit Number: P0083798
Facility ID: 0159000144
Effective Date: 6/9/2016

Authorization (continued)

Permit Number: P0083798

Permit Description: FEPTIO renewal permit for a batch-mix asphalt plant.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Emissions Unit ID:	P001
Company Equipment ID:	Asphalt Plant
Superseded Permit Number:	01-07981
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
CENTRAL OHIO ASPHALT
Permit Number: P0083798
Facility ID: 0159000144
Effective Date: 6/9/2016

A. Standard Terms and Conditions

1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is

very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.

10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



Final Permit-to-Install and Operate
CENTRAL OHIO ASPHALT
Permit Number: P0083798
Facility ID: 0159000144
Effective Date: 6/9/2016

B. Facility-Wide Terms and Conditions

1. 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).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.
3. The following emissions unit contained in this permit is subject to 40 CFR Part 60, Subpart I: P001. The complete NSPS requirements may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website <http://ecfr.gpoaccess.gov> or by contacting the appropriate Ohio EPA, Central District Office.



Final Permit-to-Install and Operate
CENTRAL OHIO ASPHALT
Permit Number: P0083798
Facility ID: 0159000144
Effective Date: 6/9/2016

C. Emissions Unit Terms and Conditions



1. P001, Asphalt Plant

Operations, Property and/or Equipment Description:

Stationary batch mix asphalt plant (6,000 lb per batch, 180 tons per hour) with natural gas or number 2 fuel oil dryer controlled by a baghouse.

a) 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. See b)(1)b., c)(1), c)(5), d)(4), e)(2), and f)(1)b. through f)(1)e. below.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.		Carbon monoxide (CO) emissions from burning natural gas or number 2 fuel oil shall not exceed 72.0 lb/hr. Nitrogen oxide (NO _x) emissions from burning natural gas or number 2 fuel oil shall not exceed 30.60 lb/hr. Sulfur dioxide (SO ₂) emissions from burning natural gas or number 2 fuel oil shall not exceed 43.20 lb/hr. Volatile organic compound (VOC) emissions from burning natural gas or number 2 fuel oil shall not exceed 8.28 lb/hr.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>Particulate emissions (PE) from burning natural gas or number 2 fuel oil shall not exceed 15.30 lb/hr.</p> <p>Visible particulate emissions shall not exceed 20 percent opacity.</p> <p>Visible emissions of fugitive dust shall not exceed 20 percent opacity, as a 3-minute average.</p> <p>See b)(2)a. through b)(2)c. below.</p>
b.	OAC rule 3745-31-05(D) [Synthetic Minor to avoid Title V]	<p>CO emissions shall not exceed 6.0 tons per rolling, 12-month period.</p> <p>NO_x emissions shall not exceed 2.6 tons per rolling, 12-month period.</p> <p>SO₂ emissions shall not exceed 3.6 tons per rolling, 12-month period.</p> <p>VOC emissions shall not exceed 0.7 tons per rolling, 12-month period.</p> <p>PE from the stack shall not exceed 1.3 tons per rolling, 12-month period.</p> <p>Fugitive CO emissions shall not exceed 0.04 tons per rolling, 12-month period.</p> <p>Fugitive VOC emissions shall not exceed 0.24 tons per rolling, 12-month period.</p> <p>Fugitive PE emissions shall not exceed 0.16 tons per rolling, 12-month period.</p> <p>See c)(1), c)(5), d)(4), e)(2), and f)(1)b. through f)(1)e. below.</p>
c.	OAC rule 3745-17-07(A)(1) OAC rule 3745-17-11(B)(1) OAC rule 3745-18-06(E)	The emissions limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).
d.	40 CFR Part 60, Subpart I	No owner or operator subject to the provisions of this subpart shall discharge or cause the discharge into the atmosphere from any affected facility any gases which contain PE in excess of 0.04



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		gr/dscf or exhibit 20 percent opacity, or greater.
e.	40 CFR Part 60, Subpart A	See b)(2)d. below.

(2) Additional Terms and Conditions

- a. Raw materials shall have sufficient moisture content to minimize or eliminate visible emissions of fugitive dust during material handling.
- b. 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.
- c. The aggregate loaded into the cold aggregate bins shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from conveyors and all transfer points to the dryer.
- d. The permittee shall demonstrate compliance with the applicable provisions of 40 CFR Part 60, Subpart I in accordance with 40 CFR Part 60, Subpart A.

c) Operational Restrictions

- (1) The permittee shall only burn natural gas or number 2 fuel oil in this emissions unit.
- (2) When a scheduled/planned fuel switch occurs, the permittee shall complete the emission testing required in f)(2) for that fuel in accordance with f)(2)b.

 In the event that the primary fuel supply is unexpectedly interrupted and an unscheduled/unplanned fuel switch is necessary, the permittee shall notify Ohio EPA, Central District Office within three business days after the fuel switch occurs.
- (3) The permittee shall restrict the hourly production level (averaged daily) for this emissions unit to 115% or less of the average hourly production level achieved during the most recent stack test that demonstrated compliance with the applicable emissions limitations. [During the most recent stack tests that demonstrated compliance with the applicable emissions limitations, the average hourly production level achieved was 107 tons per hour (September 20, 2001).]
- (4) Number 2 fuel oil burned in this emissions unit shall meet U.S. EPA's specifications for Ultra Low Sulfur Diesel (ULSD) found in 40 CFR 80.510(c).
- (5) The maximum annual asphalt production rate for this emissions unit shall not exceed 30,000 tons per rolling, 12-month period.

This emissions unit has been in operation for more than 12 months and, as such, the permittee has existing records to generate the rolling, 12-month summation of asphalt production and the associated emissions upon issuance of this permit.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) 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 daily basis.
- (2) The pressure drop across the fabric filter shall be maintained within the range of 2 to 8 inches of water while the emissions unit is in operation.
- (3) For each day during which the permittee burns a fuel other than natural gas or number 2 fuel oil in this emissions unit, the permittee shall maintain a record of the type, percent sulfur content, and quantity of fuel burned in this emissions unit.
- (4) The permittee shall maintain monthly records of the following information
 - a. the asphalt production, in tons;
 - b. the asphalt production, in tons, for each fuel type;
 - c. the rolling, 12-month summation of the asphalt production, in tons; and
 - d. the rolling, 12-month summations of PE, CO, VOC, SO₂, and NO_x emissions, in tons.
- (5) The permittee shall maintain daily records of the following information:
 - a. the amount, in tons, of hot-mix asphalt produced;
 - b. the operating hours of the hot mix asphalt plant; and
 - c. the average operating rate, in tons per hour.
- (6) The permittee shall maintain documents provided by the oil supplier for each shipment of number 2 fuel oil to demonstrate compliance with the ULSD requirement. These documents must include the receipt or bill of lading that includes confirmation that the fuel meets the number 2 diesel fuel ULSD standard.
- (7) The permittee shall perform daily visible emission checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the baghouse stack, enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper servicing this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;

- c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
- d. the total duration of any visible emissions incident; and
- e. any corrective actions taken to eliminate the visible emissions.

e) Reporting Requirements

- (1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve months for each air contaminant source identified in this permit.

In addition to the reporting the information as required by the PER instructions, the permittee shall provide the following additional information in the PER:

- a. all periods of time when the pressure drop across the fabric filter was outside of the acceptable range;
- b. all days during which any abnormal visible particulate emissions were observed from the baghouse stack, enclosures for the hot aggregate elevator, vibrating screens, and weigh hopper servicing this emissions unit;
- c. any corrective actions taken to minimize or eliminate the visible particulate emissions identified in e)(1)b.

- (2) The permittee shall submit quarterly deviation (excursion) reports that identify:

- a. all deviations of the following emission limitations, operational restrictions and/or control device operating parameter limitations that restrict the Potential to Emit (PTE) of any regulated air pollutant and have been detected by the monitoring, recordkeeping and/or testing requirements in this permit:
 - i. all exceedances of the rolling, 12-month asphalt production limitation;
 - ii. all exceedances of the rolling, 12-month total PE, PM₁₀, CO, VOC, SO₂, and NO_x, emission limitations; and
 - iii. all periods of time when the emissions unit burned a fuel other than natural gas or number 2 fuel oil.
- b. the probable cause of each deviation (excursion);
- c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
- d. the magnitude and duration of each deviations (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (Ohio EPA, Central District Office).

- (3) The permittee shall notify Ohio EPA, Central District Office, of any record demonstrating that the hot mix asphalt plant's hourly production level (averaged daily) exceeded 115% of the average hourly production level achieved during the most recent stack test that demonstrated compliance with the applicable emissions limitations. The notification shall be made within three business days after the exceedance occurs.
- (4) The permittee shall notify Ohio EPA, Central District Office, of any unscheduled/unplanned fuel switch due to the unexpected interruption of the primary fuel supply. The notification shall be made within three business days after the fuel switch occurs.

f) Testing Requirements

- (1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emissions Limitations:

CO emissions shall not exceed 72.0 lb/hr;
NO_x emissions shall not exceed 30.60 lb/hr;
SO₂ emissions shall not exceed 43.20 lb/hr;
VOC emissions shall not exceed 8.28 lb/hr;
PE shall not exceed 15.30 lb/hr; and
PE shall not exceed 0.04 gr/dscf.

Applicable Compliance Method:

Compliance with the hourly emissions limitations shall be demonstrated in accordance with f)(2).

b. Emissions Limitations:

CO emissions from the stack shall not exceed 6.0 tons per rolling, 12-month period;
NO_x emissions from the stack shall not exceed 2.6 tons per rolling, 12-month period;
SO₂ emissions from the stack shall not exceed 3.6 tons per rolling, 12-month period;
VOC emissions from the stack shall not exceed 0.7 tons per rolling, 12-month period; and
PE from the stack shall not exceed 1.3 tons per rolling, 12-month period.

Applicable Compliance Method:

Compliance with the rolling, 12-month emissions limitation shall be based upon the results of the most recent emissions testing and the recordkeeping required by d)(4).

c. Emissions Limitation:

Fugitive CO emissions shall not exceed 0.04 tons per rolling, 12-month period.

Applicable Compliance Method:

The rolling, 12-month fugitive CO emissions limitation was established to reflect the emission unit's potential to emit taking into consideration the maximum annual asphalt production limitation established by c)(5) above. The rolling, 12-month fugitive CO emissions limitation was established by a sum of the following calculations:

- i. for the emissions from asphalt loadout, 0.02 ton per rolling 12-month period derived from 30,000 tons of asphalt produced per rolling 12-month period multiplied by 0.00135 lb of CO per ton of asphalt produced divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004); and
- ii. for the emissions from asphalt silo filling, 0.02 tons per rolling 12-month period derived from 30,000 tons of asphalt produced per rolling 12-month period multiplied by 0.00118 lb of CO per ton of asphalt produced divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004).

d. Emissions Limitation:

Fugitive VOC emissions shall not exceed 0.24 tons per rolling, 12-month period.

Applicable Compliance Method:

The rolling, 12-month fugitive VOC emissions limitation was established to reflect the emission unit's potential to emit taking into consideration the maximum annual asphalt production limitation established by c)(5) above. The rolling, 12-month fugitive VOC emissions limitation was established by a sum of the following calculations:

- i. for the emissions from asphalt loadout, 0.06 tons per rolling 12-month period derived from 30,000 tons of asphalt produced per rolling 12-month period multiplied by 0.00386 lb of VOC per ton of asphalt produced divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004); and
- ii. for the emissions from asphalt silo filling, 0.18 tons per rolling 12-month period derived from 30,000 tons of asphalt produced per rolling 12-month period multiplied by 0.0120 lb of VOC per ton asphalt produced divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004).

e. Emissions Limitation:

Fugitive PE emissions shall not exceed 0.16 tons per rolling, 12-month period.

Applicable Compliance Method:

The rolling, 12-month fugitive PE limitation was established to reflect the emission unit's potential to emit taking into consideration the maximum annual asphalt production limitation established by c)(5) above. The rolling, 12-month fugitive PE limitation was established by a sum of the following calculations:

Total fugitive emissions equal the summation of the fugitives from the cold end and the hot end of the plant operations.

Fugitive particulate emissions from the cold end are calculated as follows:

- i. for the emissions from raw material loaded in the weigh hopper, 0.07 tons of PE per rolling 12-month period derived from 30,000 tons of asphalt produced multiplied by the emission factor of 0.0048 lb of PE per ton of raw material divided by 2,000 pounds per ton (AP-42, Table 11.12-2 dated 06/2006);
- ii. for the emissions from aggregate handling, 0.05 tons of PE per rolling 12-month period derived from 30,000 tons of asphalt produced multiplied by 0.50 ton of aggregate used per ton of raw material multiplied by the emission factor of 0.0069 lb of PE per ton of aggregate throughput divided by 2,000 pounds per ton (AP-42, Table 11.12-2 dated 06/2006);
- iii. for the emissions from sand handling, 0.02 tons of PE per rolling 12-month period derived from 30,000 tons of asphalt produced multiplied by 0.50 ton of sand used per ton of raw material multiplied the emission factor of 0.0021 lb of PE per ton of sand throughput divided by 2,000 pounds per ton (AP-42, Table, 11.12-2 dated 06/2006);

Fugitive particulate emissions from the hot end are calculated as follows:

- iv. for the emissions from silo filling, 0.01 ton of PE per rolling 12-month period derived from 30,000 tons of asphalt produced multiplied by the emission factor of 0.000586 lb of PE per ton of asphalt produced for silo filling divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004); and
- v. for the emissions from asphalt loadout, 0.01 ton of PE per rolling 12-month period derived from 30,000 tons of asphalt produced multiplied by the emission factor of 0.000522 lb of PE per ton of asphalt produced for loadout divided by 2,000 pounds per ton (AP-42, Table 11.1-14 dated 03/2004).

f. Emissions Limitation:

Visible particulate emissions shall not exceed 20 percent opacity.

Applicable Compliance Method:

If required, compliance with the visible particulate emissions limitation shall be determined in accordance with 40 CFR Part 60, Appendix A, Method 9.

g. Emissions Limitation:

Visible emissions of fugitive dust shall not exceed 20 percent opacity, as a 3-minute average.

Applicable Compliance Method:

If required, compliance with this fugitive visible emissions limitation shall be determined in accordance with U.S. EPA Method 22.

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

- a. The emission testing shall be conducted by July 1, 2017. In addition, testing shall be conducted as required by c)(2), if necessary.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for CO, NO_x, SO₂, VOC, and PE. When a scheduled/planned fuel switch occurs, emission testing shall be conducted within 60 days after the switch to the secondary fuel. Prior to secondary fuel use emission testing, the permittee shall consult the Ohio EPA, Central District Office to determine which pollutants should be tested.

The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s) for:

CO, Methods 1-4 and 10 of 40 CFR Part 60, Appendix A;

NO_x, Methods 1-4 and 7E of 40 CFR Part 60, Appendix A;

SO₂, Methods 1-4 and 6 of 40 CFR Part 60, Appendix A;

VOC, Methods 1-4 and 25 and/or 18 of 40 CFR Part 60, Appendix A; and

PE, Methods 1-5 of 40 CFR Part 60, Appendix A.

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

- c. During the emissions testing, the emissions unit shall be operated under operational conditions approved in advance by the Ohio EPA, Central District Office. Operational conditions that may need to be approved include, but are not

limited to, the production rate, the type of material processed, material make-up (solvent content, etc.), or control equipment operational limitations (burner temperature, precipitator voltage, etc.). In general, testing shall be done under "worst case" conditions expected during the life of the permit. As part of the information provided in the "Intent to Test" notification form described below, the permittee shall provide a description of the emissions unit operational conditions they will meet during the emissions testing and describe why they believe "worst case" operating conditions will be met. Prior to conducting the test(s), the permittee shall confirm with the Ohio EPA, Central District Office that the proposed operating conditions constitute "worst case". Failure to test under the approved conditions may result in Ohio EPA not accepting the test results as a demonstration of compliance.

- d. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).
- e. Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information 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.
- f. 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 Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

g) Miscellaneous Requirements

- (1) None.