

Facility ID: 0448010386 Issuance type: Final State Permit To Operate

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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: 0448010386 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 - Batch mix hot mix asphalt plant with a maximum design capacity of 240 tons per hour and controlled with a baghouse	OAC rule 3745-31-05 (A)(3) (PTI 04-01396, modified 4/8/2005)	Carbon monoxide (CO) emissions shall not exceed 0.40 pound per ton of asphalt produced
		Nitrogen oxides (NOx) emissions shall not exceed 0.026 pound per ton of asphalt produced.
		Sulfur dioxide (SO2) emissions shall not exceed 0.011 pound per ton of asphalt produced.
		Volatile organic compound (VOC) emissions shall not exceed 0.032 pound per ton of asphalt produced.
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(C) and 40 CFR Part 60, Subpart I.
		See Section A.I.2.a. through g. below.
		CO emissions shall not exceed 50.0 tons per rolling 12-month period.
		NOx emissions shall not exceed 3.3 tons per rolling 12-month period.
		Particulate emissions (PE) shall not exceed 4.2 tons per rolling 12-month period.
		SO2 emissions shall not exceed 1.4 tons per rolling 12-month period.
VOC emissions shall not exceed 4.0 tons per rolling 12-month period.		
Asphalt Load Out Emissions		
Emissions from load out operations shall not exceed 0.17 ton CO per rolling 12-month period, 0.02 ton PE per rolling 12-month period and 0.5 ton of VOC per rolling 12-month period.		
Asphalt Silo Filling Emissions		
Emissions from silo filling operations shall not exceed 0.15 ton CO per rolling 12-month period, 0.04 ton PE		

per rolling 12-month period and 1.5 tons VOC per rolling 12-month period.

Cold End Fugitive Dust Emissions

Emissions of fugitive dust associated with the weigh hopper loading, aggregate transfer operations and sand transfer operations shall not exceed 1.3 tons of PE per rolling 12-month period.

40 CFR Part 60, Subpart I

PE shall not exceed 0.04 grains per dry standard cubic foot.

Visible emissions from the stack shall not exhibit 20% opacity, or greater

See section A.1.2.g.

OAC rule 3745-17-07(A)(1)

The emissions limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-11(B)(1)

The emissions limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-07(B)

The emissions limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-08

The emissions limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

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).

2. Additional Terms and Conditions

- (a) The permittee shall ensure that the baghouse is operated with sufficient air volume to eliminate visible fugitive emissions from the rotary drum.
Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see section A.2.a).
Visible emissions of fugitive dust shall be less than or equal to 10% opacity, as a 3-minute average.
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 bins.
The aggregate loaded into the storage bins shall have a moisture content sufficient to minimize the visible emissions of fugitive dust from conveyors and all transfer points to the dryer.
The requirements of this rule include compliance with applicable requirements of 40 CFR Part 60, Subpart I.
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.

B. Operational Restrictions

- 1. The pressure drop across the fabric filter shall be maintained within the range of 1 to 8 inches of water while the emissions unit is in operation.
- 2. The maximum annual asphalt production rate for this emissions unit shall not exceed 250,000 tons per year, based upon a rolling, 12-month summation of the asphalt production.

After the first 12 calendar months of operation, compliance with the annual production limitation shall be based upon a rolling, 12-month summation of the asphalt production.
- 3. The permittee shall operate and maintain the fuel burner in accordance with the manufacturer's recommendations to ensure efficient combustion of the fuel(s) and to ensure compliance with the applicable emission limitations for CO and NOx.
- 4. The permittee may substitute reclaimed asphalt pavement (RAP) in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials.
- 5. The permittee shall only burn natural gas as fuel in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly operate and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.
- 2. The permittee shall maintain monthly records of the following information:
 - a. the asphalt production for each month;
 - b. beginning after the first 12 calendar months of operation, the rolling, 12-month summation of the asphalt production;

- c. during the first 12 calendar months of operation, the permittee shall record the cumulative asphalt production for each calendar month; and
 - d. the maximum percentage of RAP used for any mix.
- 3. The permittee shall perform daily visible emission checks, when the emissions unit is in operation and when the weather conditions allow, for any abnormal visible particulate emissions from the baghouse servicing this emissions unit. If visible particulate emissions are observed, the permittee shall note the following in the operation log:
 - a. the color of the visible 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 the visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.
- 4. The permittee shall perform daily visible emission checks, when the emissions unit is in operation and when the weather conditions allow, for any visible emissions of fugitive dust from the hot aggregate elevator, vibrating screens, weigh hopper, rotary drum, the aggregate storage bins and cold aggregate elevator/conveyor serving this emissions unit. If visible emissions are observed, the permittee shall note the following in the operation log:
 - a. the location and color of the visible 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 minimize or eliminate the visible emissions.
- 5. The permittee shall properly operate and maintain portable devices to monitor the concentration of CO, NOx, and oxygen (O2) in the stack exhaust gases from this emissions unit at the frequency specified under Section E.2. - Burner Tuning. The permittee is not required to purchase these monitoring devices and may either hire a contractor to perform the monitoring or the permittee may rent this monitoring equipment. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall maintain records of each portable monitoring device's calibration.
- 6. While performing each burner tuning, the permittee shall record the results of the burner tuning using the Burner Tuning Reporting Form for Asphalt Concrete Plants form (as found in term F.2). An alternative form may be used upon approval of the appropriate Ohio EPA District Office or local air agency.
- 7. The permittee shall collect and record the following information each day for the batch mix asphalt plant operation:
 - a. the production rate of the emissions unit;
 - b. the total number of hours the emissions unit was in operation; and
 - c. the average hourly production rate, in tons per hour.
- D. **Reporting Requirements**
 - 1. The permittee shall submit quarterly pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. These reports are due by the dates described in Part I - General Terms and Condition of this permit under section (A)(2).
 - 2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling 12-month asphalt production limitation. These reports are due by the dates described in Part I - General Terms and Conditions of this permit under section (A)(2).
 - 3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the RAP limitation specified above. These reports are due by the dates described in Part I - General Terms and Condition of this permit under section (A)(2).
 - 4. The permittee shall submit semiannual written deviation (excursion) reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit, and (b) describe any corrective actions taken to minimize or eliminate the abnormal visible particulate emissions. These reports shall be submitted to the Ohio EPA district office or local air agency by January 31 and July 31 of each year and shall cover the previous 6-month period.
 - 5. The permittee shall submit semiannual written deviation (excursion) reports that (a) identify all days during which any visible fugitive particulate emissions were observed from the hot aggregate elevator, vibrating screens, weigh hopper, rotary drum, the aggregate storage bins and cold aggregate elevator/conveyor serving this emissions unit, and (b) describe any corrective actions taken to minimize or eliminate the visible particulate emissions. These reports shall be submitted to the Ohio EPA district office or local air agency by January 31 and July 31 of each year and shall cover the previous 6-month period.
 - 6. The permittee shall submit a copy of the Burner Tuning Reporting Form for Asphalt Concrete Plants form to the appropriate Ohio EPA district office or local air agency to summarize the results of each burner tuning procedure. These reports shall be submitted to the Ohio EPA district office or local air agency by January 31 of each year and shall cover the previous calendar year.

7. If for any reason the average hourly production rate exceeds by more than 10% the production rate determined during the most recent emission test which demonstrated compliance with the allowable mass emission rate for VOCs, the following information shall be reported within 5 business days after the exceedance:
 - a. the date of the exceedance;
 - b. the time interval over which the exceedance occurred;
 - c. the value of the exceedance;
 - d. the cause(s) of the exceedance;
 - e. the corrective action which has been or will be taken to prevent similar exceedances in the future; and
 - f. a copy of the data and/or information which shows the exceedance.

E. Testing Requirements

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

Emission Limitations:

NOx emissions shall not exceed 0.026 pound per ton of asphalt produced;

SO2 emissions shall not exceed 0.011 pound per ton of asphalt produced;

CO emissions shall not exceed 0.40 pound per ton of asphalt produced;

VOC emissions shall not exceed 0.032 pound per ton of asphalt produced; and

PE shall not exceed 0.04 gr/dscf.

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

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

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

For NOx, Methods 1-4 and 7 or 7E of 40 CFR Part 60, Appendix A.

For SO2, Methods 1-4 and 6 or 6C of 40 CFR Part 60, Appendix A

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

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

For opacity, Method 9 of 40 CFR Part 60, Appendix A

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

Emissions Limitation:

PE shall not exceed 4.2 tons per rolling 12-month period.

Applicable Compliance Method:

A test conducted on 8/11/2005 resulted in a PE emission rate of 0.03681 pound per ton of asphalt produced.

If required, compliance with the annual emissions limitation shall be determined by multiplying the observed emission rate from the most recent emissions testing, in pounds of PE per ton of asphalt produced, by the actual rolling 12 month summation of asphalt produced, in tons per rolling 12-month period (as derived from the records required by term and condition C.2 above), and dividing by 2000.

Emission Limitation:

VOC emissions shall not exceed 4.0 tons per rolling 12-month period.

Applicable Compliance Method:

A test conducted on 6/8/2006 resulted in a VOC emission rate of 0.011 pound per ton of asphalt produced.

If required, compliance with the annual emissions limitation shall be determined by multiplying the observed emission rate from the most recent emissions testing, in pounds of VOC per ton of asphalt produced, by the actual rolling 12 month summation of asphalt produced, in tons per rolling 12-month period (as derived from the records required by term and condition C.2 above), and dividing by 2000.

Emission Limitation:

CO emissions shall not exceed 50 tons per rolling 12-month period.

Applicable Compliance Method:

A test conducted on 8/11/2005 resulted in a CO emission rate of 0.1536 pound per ton of asphalt produced.

If required, compliance with the annual emissions limitation shall be determined by multiplying the observed emission rate from the most recent emissions testing, in pounds of CO per ton of asphalt produced, by the actual rolling 12 month summation of asphalt produced, in tons per rolling 12-month period (as derived from the records required by term and condition C.2 above), and dividing by 2000.

Emission Limitation:

SO₂ emissions shall not exceed 1.4 tons per rolling 12-month period.

Applicable Compliance Method:

A test conducted on 8/11/2005 resulted in an SO₂ emission rate of 0.010 pound per ton of asphalt produced.

If required, compliance with the annual emissions limitation shall be determined by multiplying the observed emission rate from the most recent emissions testing, in pounds of SO₂ per ton of asphalt produced, by the actual rolling 12 month summation of asphalt produced, in tons per rolling 12-month period (as derived from the records required by term and condition C.2 above), and dividing by 2000.

Emission Limitation:

NO_x emissions shall not exceed 3.3 tons per rolling 12-month period.

Applicable Compliance Method:

A test conducted on 8/11/2005 resulted in a NO_x emission rate of 0.0202 pound per ton of asphalt produced.

If required, compliance with the annual emissions limitation shall be determined by multiplying the observed emission rate from the most recent emissions testing, in pounds of NO_x per ton of asphalt produced, by the actual rolling 12 month summation of asphalt produced, in tons per rolling 12-month period (as derived from the records required by term and condition C.2 above), and dividing by 2000.

Emission Limitation:

Visible particulate emissions from the stack shall not exhibit 20% opacity or greater.

Applicable Compliance Method:

A visible emissions test conducted on 8/11/2005 resulted in an average 5% opacity.

Compliance shall be determined using Method 9 of 40 CFR Part 60, Appendix A and the procedures specified in 40 CFR 60.11.

Emission Limitation:

Visible emissions of fugitive dust shall be less than or equal to 10% opacity, as a 3-minute average.

Applicable Compliance Method:

Compliance 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 PE from the cold end shall not exceed 1.3 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with the annual emissions limitation shall be assumed based upon the following worst case calculations.

Fugitive emissions from the cold end are calculated as follows:

Emission factors from AP-42 Table 11.12-2 dated 6/2006

Weigh hopper loading:

250,000 tons of material/year X 0.0051 lb PE/ton of material = 1275 lb PE/yr

Aggregate transfer:

135,000 tons of aggregate/year X 0.0069 lb PE/ton of aggregate = 932 lb PE/yr

Sand transfer:

115,000 tons of sand/year X 0.0021 lb PE/ton of sand = 242 lb PE/yr

The sum of the above is 2,449 lb PE/yr X 1 ton/2000 pounds = 1.3 tons of PE

Emission Limitation:

0.15 ton/yr CO emissions from silo filling
0.04 ton/yr PE from silo filling
1.5 tons/yr VOC emissions from silo filling

0.17 ton/yr CO emissions from plant load-out
0.02 ton/yr PE from plant load-out
0.5 ton/yr VOC emissions from plant load-out

Applicable Compliance Method:

Compliance with the annual emissions limitation shall be assumed based upon the following worst case calculations.

Fugitive emissions from the hot end (hot mix asphalt load-out and silo filling) are calculated as follows:

Asphalt plant silo filling and plant load-out emissions from AP-42, Table 11.1-14 dated 3/2004

Known:

V = -0.5 Asphalt Volatility factor (default)

T = 325 HMA mix temp (F) (default)

For silo filling, 1.4% of TOC is not VOC (AP-42 Table 11.1-16 dated 3/2004)

For plant load-out, 7.3% of TOC is not VOC (AP-42 Table 11.1-16 dated 3/2004)

Activity/Pollutant/Predictive Emission Factor Equation, lb/ton

Silo filling - PE - $EF=0.000332+0.00105(-V)e^{((0.0251)(T+460)-20.43)}$
 Load-out - PE - $EF=0.000181+0.00141(-V)e^{((0.0251)(T+460)-20.43)}$
 Silo filling - VOC - $EF= [0.0504(-V)e^{((0.0251)(T+460)-20.43)}] \times (1-0.014)$
 Load-out - VOC - $EF= [0.0172(-V)e^{((0.0251)(T+460)-20.43)}] \times (1-0.073)$
 Silo filling - CO - $EF=0.00488(-V)e^{((0.0251)(T+460)-20.43)}$
 Load-out - CO - $EF=0.00558(-V)e^{((0.0251)(T+460)-20.43)}$

Based on the above information, the emission factors and emissions are as follows.

Activity/Pollutant/lb/ton/tons/yr (at 250,000 tons/yr production)

Silo filling - PE - 0.000332 lb/ton 0.04 tons/yr
 Load-out - PE - 0.000181 lb/ton 0.02 tons/yr
 Silo filling - VOC - 1.20×10^{-2} lb/ton 1.5 tons/yr
 Load-out - VOC - 3.86×10^{-3} lb/ton 0.5 tons/yr
 Silo filling - CO - 1.18×10^{-3} lb/ton 0.15 tons/yr
 Load-out - CO - 1.35×10^{-3} lb/ton 0.17 tons/yr

2. Burner Tuning

Introduction

The permittee is required to conduct periodic tuning of the asphalt plant burner. The purpose of this tuning is to ensure that the burner is adjusted properly so that air pollution emissions remain in compliance with allowable emissions rates and are minimized.

Qualifications for Burner Tuning

Technicians who conduct the burner tuning must be qualified to perform the expected tasks. The permittee is required to provide training to the technicians who perform the burner tuning procedure. Technicians who are qualified shall, at a minimum, have passed manufacturer's training concerning burner tuning, or have been trained by someone who has passed the manufacturer's training concerning burner tuning.

Burner Tuning Procedure

The first steps concerning burner tuning involve setting the pollutant baseline levels (concentrations). These baselines shall be set during the initial U.S. EPA approved emissions testing that demonstrated the emissions unit was in compliance with all applicable emissions limitations as described in term E.1.a. The baselines shall be determined for CO and NOx emissions. Record these values on the Burner Tuning Reporting Form for Asphalt Concrete Plants form (as found in Section F.1) in the "Recent Stack Test Basis Values" column.

Once the pollutant baseline levels are set, the burner shall be next tuned based on the frequency described in Section E.2.d. The general procedure for tuning the burner involves the following steps:

- i. Review the plant operations to ensure the plant is operating normally.
- ii. Confirm that the portable monitor is calibrated per the manufacturer's specifications.
- iii. Using the calibrated monitor, measure the stack exhaust gas values for CO and NOx. Record the values in the "Pre Tuning" results column on the Burner Tuning Reporting Form for Asphalt Concrete Plants form.
- iv. Compare the measured stack exhaust gas values with the pollutant baseline values. If all of the measured stack exhaust gas values are equal to or less than 115 percent of the pollutant baseline values, then it is not necessary to tune the burner. Go on to Section E.2.c.v below.

The permittee shall have the burners tuned within two calendar weeks of any measured stack exhaust values greater than 115 percent of the baseline values. Make any necessary adjustments and repairs. Repeat Sections E.2.c.iii. and iv. until the measured stack exhaust gas values are equal to or less than 115 percent of the pollutant baseline values.

v. Once all of the measured stack exhaust gas values are within the 115 percent of the pollutant baseline values, record the measured stack exhaust gas values in the "Post Tuning" results column on the Burner Tuning Reporting Form for Asphalt Concrete Plants form.

vi. By January 31 of each year, submit a copy of all Burner Tuning Reporting Form for Asphalt Concrete Plants forms produced during the past calendar year to the appropriate Ohio EPA District Office or local air agency responsible for the permitting of the facility.

Burner Tuning Frequency

The permittee shall conduct the burner tuning procedure within 20 production days after commencement of the production season in the State of Ohio. The permittee shall conduct another burner tuning procedure within 10 production days before or after June 1st of each year and within 10 production days before or after September 1st of each year. For purposes of this permit, the production season is defined as the time period between the date the first ton of asphalt is produced and the date that the last ton of asphalt is produced during the same calendar year. A burner tuning is not required if the production season ends prior to the associated tuning due date. If the baseline level testing or the initial season tuning is done within 30 days prior to June 1 or September 1, the tuning associated with that due date is not required.

In addition to the burner tuning procedure required above, the permittee shall conduct the burner tuning procedure within 20 production days from the date the facility switches to a fuel that is different than the fuel burned during the initial emissions tests that establish the pollutant baseline levels or the fuel burned during the most recent burner tuning procedure, whichever is later.

3. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 The emission testing shall be conducted within 180 days prior to permit expiration.
 The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for particulate emissions, carbon monoxide, sulfur dioxide, and volatile organic compounds emissions.
 The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): for particulate, Method 5 of 40 CFR Part 60, Appendix A. For opacity, Method 9 of 40 CFR Part 60, Appendix A. For carbon monoxide, Method 10 of 40 CFR Part 60, Appendix A. For sulfur dioxide, Method 6 or 6C of 40 CFR Part 60, Appendix A. For volatile organic compounds, Method 25 and/or 18 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 The test(s) shall be conducted while all of the emissions units served by the stack are operating at or near their maximum capacity, unless otherwise specified or approved by the Toledo Division of Environmental Services.
 Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time (s) and 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 District Office's or local air agency's refusal to accept the results of the emission test(s).
 Personnel from the Toledo Division of Environmental Services shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.
 A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Toledo Division of Environmental Services within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the appropriate Ohio EPA District Office or local air agency.

F. Miscellaneous Requirements

1. The burner tuning reporting form shall include the following information:

BURNER TUNING REPORTING FORM FOR ASPHALT CONCRETE PLANTS
 Facility ID: 0448010386
 Emissions Unit ID: P901
 Tuning Date:
 Legal Name:
 Other Company Name (if different than legal name):
 Mailing Address:
 Other Company Site Address: (if different than mailing address):
 City, State, Zip Code:
 Other Company City, County, Zip Code:
 Site Contact Person:
 Site Contact Telephone Number:
 Site Contact Title:
 Site Contact Fax Number:
 Name of company performing tuning:
 Name of company performing emission monitoring:
 Type of plant (ie: batch, drum mix, etc.):
 Calibration date for analyzers:
 Reason for Tuning: Season Initial Tuning, June Tuning, September Tuning, Fuel Switch, or Other (describe)

Fuel employed during tuning: Natural Gas, #2 Fuel Oil, #4 Fuel Oil, Used Oil, or Other (describe)

Tuning Results: Indicate the following for each parameter: Recent Stack Test Pollutant Baseline Levels(1), Results - Pre Tuning Post Tuning(3):

- Parameters:
 Fuel flow to the burner (gallon/hr) (for fuel oil and on-spec used oil)
 Differential pressure of the baghouse (in water)
 Fuel pressure (psi)
 For burners that require compressed air for proper operation, pressure at the burner (psi)
 Carbon Monoxide (CO) concentrations (ppm)(2)
 NOx concentrations (ppm)(2)
 Oxygen concentrations (%) (2)
 Asphalt Production (tons/hr)

Footnotes:
 (1) These values are based on the results of the most recent Ohio EPA approved emissions test.
 (2) Specify whether on a dry or wet basis.
 (3) If the burner did not require adjusting, please record N/A in the post tuning column.

Describe in detail a list of adjustments and/or repairs made to bring the operating parameters into conformance with the manufacturers specifications.

Authorized Signature: This signature shall constitute personal affirmation that all statements or assertions of fact made in this form are true and complete, comply fully with applicable state requirements, and shall subject the signatory to liability under applicable state laws forbidding false or misleading statements.

Name of Official (Printed or Typed):
 Title of Official and Phone Number:
 Signature of Official:
 Date:

2. The average hourly production rate for this emissions unit shall not exceed by more than 10% the production rate determined during the most recent emission test which demonstrated compliance with the allowable mass emission rate for VOCs. Operation of this emissions unit at a production rate greater than the compliant level is not necessarily indicative of an emission violation, but rather

serves as a trigger level for additional testing and/or further investigation to establish compliance with the emission limitations. The permittee may increase the average production rate by demonstrating compliance during an emission test, performed in accordance with the procedures and method(s) as detailed in OAC rule 3745-21-10(C), at a higher average hourly production rate.