Facility ID: 0381020004 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: 0381020004 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.

| Operations, Property, and/or Equipment | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| P901 - 215 ton per hour batch mix asphalt plant with baghouse [modification to existing emissions unit (previously permitted as P001) to allow the use of alternate fuels] | OAC rule 3745-31-05(A)(3) (PTI 03-16221 issued 3/31/05) | Stack Emissions:<br>10.64 pounds particulate emissions (PE) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas.<br><br>25.80 pounds sulfur dioxide (SO2) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil.<br><br>0.99 pounds sulfur dioxide (SO2) per hour; when burning natural gas.<br><br>25.80 pounds nitrogen oxide (NOx) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil.<br><br>53.75 pounds nitrogen oxide (NOx) per hour; when burning natural gas.<br><br>86.00 pounds carbon monoxide (CO) per hour; when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil. or natural gas.<br><br>64.50 pounds volatile organic compounds (VOC) per hour when<br>burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas.<br><br>No visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, weigh hopper, and pug mill<br><br>See A.2.a<br><br>See A.2.h. |
| | OAC rule 3745-31-05 (C) | 2.00 tons fugitive PE per rolling 12-month period (see A.2.b)<br><br>24.00 tons SO2 per rolling 12-month period (see A.2.b)<br><br>50.00 tons NOx per rolling 12-month period (see A.2.b) |

| | |
|---|---|
| | 80.00 tons CO per rolling 12-month period (see A.2.b) |
| | 60.00 tons VOC per rolling 12-month period (see A.2.b) |
| | 9.90 tons PE (stack) per rolling 12-month period (See A.2.b) |
| 40 CFR Part 60, Subpart I | 0.04 gr PE/dscf of exhaust gas |
| | Emissions from the baghouse stack shall not exhibit 20% opacity, or greater. |
| OAC rule 3745-17-11 (B) | See A.2.e |
| OAC rule 3745-17-07(A) | See A.2.i |
| OAC rule 3745-17-07 (B) | See A.2.f |
| OAC rule 3745-17-08 (B) | See A.2.g |
| OAC rule 3745-18-06(E)(2) | See A.2.e |
| OAC rule 3745-23-06(B) | See A.2.j |
| OAC rule 3745-21-07(B) | See A.2.i. |
| OAC rule 3745-21-08(B) | See A.2.i |

2. **Additional Terms and Conditions**

(a) "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the following:
i. Use of baghouse for PE control of rotary dryer, hot aggregate elevator, vibrating screens, weigh hopper, and pug mill. The baghouse control system shall meet the requirements of 40 CFR Part 60, Subpart I (0.04 gr PE/dscf of exhaust gas);
ii. Use of best available control measures (see A.2.c)
Annual emissions shall not exceed the following, based upon a rolling, 12-month summation of the monthly emissions:
i. 24.00 tons SO2 per rolling 12-month period

ii. 80.00 tons CO per rolling 12-month period

iii. 50.00 tons NOx per rolling 12-month period

iv. 60.00 tons VOC per rolling 12-month period

v. 9.90 tons PE (stack) per rolling 12-month period

vi. 2.00 tons PE (fugitive) per rolling 12-month period

The emission limitations are based on production restrictions (see B.1) for the purpose of establishing federally enforceable limitations to avoid "Prevention of Significant Deterioration" (PSD) and Title V applicability.

The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from the material handling operations (see A.2.d) associated with emissions unit P901. In accordance with the permit application, the permittee maintains that the inherent moisture content of the material handled is more than sufficient to comply with all applicable requirements. If the inherent moisture content of the material is not sufficient to comply with all applicable requirements the permittee shall install equipment to apply water or any other suitable dust suppressant, at appropriate locations on the material handling system.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
Visible fugitive particulate emissions from material handling operations for emissions unit P901 shall not exceed the following opacity restrictions:

emission point:
material unloading into feeder bins;
material transfer from feeder bin conveyor to dryer feed conveyor;
material transfer from dryer feed conveyor to dryer

Opacity Limit as a three-Minute Average:
20%

Regulatory Basis for Limit:
OAC rule 3745-31-05(A)
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
This emissions unit is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B) pursuant to OAC rule 3745-17-07 (B)(11)(e).
The facility is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08 (A), this emissions unit is exempt from the requirements of OAC rule 3745-17-08 (B).
The requirements of this rule also include compliance with 40 CFR Part 60, Subpart I and OAC rule 3745-31-05(C).
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I.
The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06(B) and OAC rule 3745-21-07(B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this Permit to Install.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. **Operational Restrictions**

1. Annual asphalt production from emissions unit P901 shall not exceed 400,000 tons per year, based on a rolling, 12 month summation of the monthly production rates.

2. The permittee may substitute recycled asphalt aggregates in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials introduce at any given time.

3. The permittee shall only employ materials/fuels listed in the permit to install application. Any changes in the materials employed/combusted may be deemed a "modification" to the emissions unit and, as such will require prior notification to and approval from the Ohio EPA, Division of Air Pollution Control, Northwest District Office.

4. The pressure drop across the baghouse shall be maintained within the range of 2 to 8 inches of water while the emissions unit is in operation

5. All on-spec used oil burned in emissions unit P901 shall meet the following specifications:

   Contaminant/Property Allowable Specifications

   arsenic 5 ppm, maximum
   cadmium 2 ppm, maximum
   chromium 10 ppm, maximum
   lead 100 ppm, maximum
   PCB's 50 ppm, maximum*
   total halogens 4000 ppm maximum**
   mercury 1 ppm, maximum
   flash point 100 F, minimum
   heat content 135,000 Btu/gallon, minimum

   * If the permittee is burning used oil with any quantifiable level >2 ppm <50 ppm of PCB's, then the permittee is subject to any applicable requirements found under 40 CFR part 279, subparts G and H and 40 CFR 761.20 (e).

   ** Used oil containing more than 1000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 40 CFR 279.10 (b)(1)(ii) and OAC rule 3745-279-10 (B)(1)(b). Therefore, the permittee may receive and burn used oil exceeding 1000 ppm of total halogens (but less than 4000 ppm, maximum) only if the used oil burner has demonstrated the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-63.

6. The permittee may not burn any used oil which does not meet the specifications listed in OAC rule 3745-279-11 without first obtaining an air permit to install that authorizes the burning of such used oil. The burning of used oil that does not meet specifications listed in OAC rule 3745-279-11 is subject to OAC rule 3745-279-60 through 67 and the applicable portions of 40 CFR part 761. In addition, if the permittee is burning used oil which exceed the mercury limitation and falls below the heat content limitation listed in term B.5, then this may trigger the requirement to apply for and obtain an air permit to install.

7. The burning of hazardous waste is prohibited without first complying with all applicable state and federal hazardous waste and air regulations and permits.

8. The permittee shall conduct burner performance tuning for purposes of minimizing emissions. Burner performance tuning shall contain at a minimum the evaluation of and adjustment to manufacturer's specifications of the following:
   Fuel flow to the burner (for fuel oil and on spec used oil);
   Differential pressure of the baghouse to ensure proper air flow through the plant;
   Flue gas analysis (of gases present in the drum and or stack) for CO, O2, CO2, and NOx;
   Fuel pressure; and
   For burners that require compressed air for proper operation, correct pressure at the burner;

9. The permittee shall conduct the burner tuning procedure within 15 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 the last ton of asphalt is produced during the same calendar year.

10. 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.

11. The on-spec used oil, #2 fuel oil, #4 fuel oil, and #6 fuel oil shall meet the following requirements:
    for on-spec used oil:
    i. The sulfur content shall not exceed 0.5 weight percent;
    ii. The on-spec used oil shall have a minimum heat content of 135,000 Btu/gal.
    for #2 fuel oil:
    i. The sulfur content shall not exceed 0.5 weight percent;
    ii. The #2 fuel oil shall have a minimum heat content of 135,000 Btu/gal.
    for #4 fuel oil:
    i. The sulfur content shall not exceed 0.8 weight percent;
    ii. The #2 fuel oil shall have a minimum heat content of 135,000 Btu/gal.
    for #6 fuel oil:

i. The sulfur content shall not exceed 1.0 weight percent;
ii. The #6 fuel oil shall have a minimum heat content of 135,000 Btu/gal

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

1. The permittee shall install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis.

2. Except as otherwise provided in this section, the permittee shall perform inspections of the fugitive material handling operations in accordance with the following frequencies:

   material handling operation(s):
   all material unloading into feeder bins;
   all material transfer from feeder bin conveyor to dryer feed conveyor;
   all material transfer from dryer feed conveyor to dryer;

   minimum inspection frequency:
   once during each day of operation

3. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during times of asphaltic concrete production.

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

5. The permittee shall maintain records of the following information:
   the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
   the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
   the dates the control measures were implemented.

6. The permittee shall maintain monthly records of the following information:
   Asphalt production rate in tons per month.
   Beginning after the first 12 calendar months of operation under the provisions of this permit, the rolling, 12-month summation of the monthly asphalt production rate.

   Also, during the first 12 calendar months of operation under the provisions of this permit, the permittee shall record the cumulative asphalt production rate for each calendar month.

7. 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:
   The date of the shipment or delivery.
   The quantity of used oil received.
   The Btu value of the used oil, in Btu/gallon.
   The flash point of the used oil, in Btu/gallon.
   The arsenic content, in ppm.
   The cadmium content, in ppm.
   The chromium content, in ppm.
   The lead content, in ppm.
   The PCB content, in ppm.
   The total halogen content, in ppm.
   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 analysis through an independent laboratory or 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.

8. The permittee shall properly operate and maintain portable devices to monitor the concentration of NOx, CO, O2, and CO2 present in the flue gases generated within the drum and/or stack during the burner performance tuning. 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.

9. While performing the required burner tuning, the permittee shall record the following information:
   Date of the burner tuning;
   Results of the evaluation of the operating parameters listed above in B.8;
   Detail list of adjustments and/or repairs made to bring the operating parameters into conformance with the manufacturer's specifications; and
   Type of fuel(s) employed during the burner tuning.

10. For each shipment of on-spec used oil, #2 fuel oil, #4 fuel oil, and #6 fuel oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content (in weight percent), heat content (Btu/gal), and nitrogen content (in weight percent). A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

D. **Reporting Requirements**

1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.

2. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month asphalt production limitation and for the first 12 calendar months of operation under the provisions of this permit, all exceedances of the maximum allowable cumulative asphalt production levels.

3. The permittee shall submit deviation reports that identify any of the following occurrence:
each day during which an inspection was not performed by the required frequency; and
each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

4. Deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

5. 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 and the applicable portions of 40 CFR part 761 and shall also notify Ohio EPA if any used oil exceed the mercury limitation and falls below the heat content limitation listed in term B.5 within thirty days after the exceedance occurs. If the permittee is burning used oil which exceeds the specifications found in OAC rule 3745-279-11 and the applicable portions of 40 CFR part 761, the permittee is subject to that rule and must comply with all applicable provisions of that rule(s).

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. The permittee shall submit deviation (excursion) reports that identify all exceedances of the following:
the sulfur content restriction for:
i. on-spec used oil

ii. #2 fuel oil

iii. #4 fuel oil

iv. #6 fuel oil

the heat content restriction:
i. on-spec used oil

ii. #2 fuel oil

iii. #4 fuel oil

iv. #6 fuel oil

These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

E. **Testing Requirements**

1. Compliance with the emissions limitation(s) in section A.1 of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation:
0.04 gr PE/dscf of exhaust gas, 10.64 pounds PE per hour when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.
Emission Limitation:
9.90 tons PE per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 400,000 tons by the company supplied emission factor of 0.0495 lb PE/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emission Limitation:
2.00 tons fugitive PE per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying an AP-42 emission factor of 0.01 lb PE/ton of material loaded, in section 13.2.4.3 (1/95) by a maximum annual material handling operations throughput of 400,000 tons and dividing by 2000 lbs/ton. The maximum annual material handling throughput is based on the annual asphalt production restrictions of 400,000 tons per rolling 12-month period. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emission Limitation:
25.80 pounds SO2 per hour when burning #2, #4, #6, and on-spec used oil.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.
Emission Limitation:
24.00 tons SO2 per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 400,000 tons by a company supplied emission factor of 0.12 lb SO2/ton of product (verified by testing in Section

E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emission Limitation:
0.99 pounds SO2 per hour when burning natural gas

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum hourly production rate of 215 tons by the AP-42 emission factor of 0.0046 lb SO2/ton of product, in Table 11.1-5 (3/04). If required the permittee shall demonstrate compliance with the lb/hr limitation in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A.
Emissions Limitation:
53.75 pounds NOx per hour when burning natural gas.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

Emissions Limitation:
50.00 tons NOx per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 400,000 tons by a company supplied emission factor of 0.25 lb NOx/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emissions Limitation:
25.80 pounds NOx per hour when burning #2, #4, #6, and on-spec oil.

The emission limitation was established by multiplying a maximum hourly production rate of 215 tons by the AP-42 emission factor of 0.12 lb NOx/ton of product, in Table 11.1-5 (3/04). If required the permittee shall demonstrate compliance with the lb/hr limitation in accordance with Methods 1 through 4 and 7 of 40 CFR Part 60, Appendix A.
Emissions Limitation:
86.00 pounds CO per hour when burning on-spec used oil, #2 fuel oil, #4 fuel oil, #6 fuel oil or natural gas.

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2
Emissions Limitation:
80.00 tons CO per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 400,000 tons by a company supplied emission factor of 0.40 lb CO/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emissions Limitation:
64.50 pounds VOC per hour

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.
Emissions Limitation:
60.00 tons VOC per rolling 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 400,000 tons by a company supplied emission factor of 0.30 lb VOC/ton of product (verified by testing in Section E.2) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.
Emissions Limitation:
Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method:
If required, compliance with the visible emission limitation for the material 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, 2002, and the modifications listed in paragraphs (B)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.
Emission Limitation:
Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.

Applicable Compliance Method:
If required, compliance with the visible emission limitation for the baghouse stack 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, 2002.

2. 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 (five years after the issuance of this permit.)
The emission testing shall be conducted to demonstrate compliance with the following:
i. 10.64 lbs/hr PE
ii. 0.04 gr PE/dscf

iii. 25.80 lbs/hr SO2
iv. 86.00 lbs/hr CO
v. 64.50 lbs/hr VOC
vi. 53.75 lbs/hr NOx
The emission testing shall also be conducted to verify the following company supplied emission factors:
i. 0.0495 lb PE/ton of product
ii. 0.12 lb SO2/ton of product
iii. 0.25 lb NOx/ton of product
iv. 0.40 lb CO/ton of product
v. 0.30 lb VOC/ton of product
The following test method(s) shall be employed to demonstrate compliance with the above emission limitations and verify company supplied emission factors:
i. Methods 1 - 4 of 40 CFR Part 60, Appendix A
ii. for PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.
iii. for SO2- Method 6, of CFR Part 60, Appendix A.
iv. for CO- Method 10, of CFR Part 60, Appendix A.
v. for NOx- Method 7, of CFR Part 60, Appendix A.
vi. for VOC- Method 18, 25, or 25A of CFR Part 60, Appendix A.

The test(s) shall be conducted while the emissions unit is operating at its maximum capacity unless otherwise specified or approved by the appropriate Ohio EPA District or local air agency.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for particulate emissions. (e.g. "Virgin aggregate"/slag.) This "Worst Case" scenario shall be pre-approved by the Ohio EPA, Division of Air Pollution Control, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emission unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emissions test (s).

Personnel from the Ohio EPA, Northwest 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.

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, Northwest 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, Northwest District Office.

F. **Miscellaneous Requirements**

1. The terms and conditions contained in Part II, A.1 through E.2 are federally enforceable.