



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL  
ERIE COUNTY**

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 03-13879**

**DATE: 1/14/2003**

Stoneco Inc.  
Susanne Hanf  
PO Box 29A 9220 Portland Road  
Maumee, OH 43537

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, 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 Pollution Prevention at (614) 644-3469.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission  
236 East Town Street, Room 300  
Columbus, Ohio 43215

Very truly yours,

Michael W. Ahern, Supervisor  
Field Operations and Permit Section  
Division of Air Pollution Control

cc: USEPA

NWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 1/14/2003  
Effective Date: 1/14/2003**

**FINAL PERMIT TO INSTALL 03-13879**

Application Number: 03-13879  
APS Premise Number: 0322000266  
Permit Fee: **\$1000**  
Name of Facility: Stoneco Inc.  
Person to Contact: Susanne Hanf  
Address: PO Box 29A 9220 Portland Road  
Maumee, OH 43537

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**9229 Portland Road  
Castalia, Ohio**

Description of proposed emissions unit(s):  
**360 TPH drum mix asphalt plant with baghouse.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Stoneco Inc.

Facility ID: 0322000266

PTI Application: 03-13879

Issued: 1/14/2003

## Part I - GENERAL TERMS AND CONDITIONS

### A. Permit to Install General Terms and Conditions

#### 1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

#### 2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### 3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

#### 4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized

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representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

**6. Permit Transfers**

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

**7. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

**8. Termination of Permit to Install**

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**9. Construction of New Sources(s)**

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio

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Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**10. Public Disclosure**

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

**11. Applicability**

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit to Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

**12. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

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#### 14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

#### 15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

### B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

| <u>Pollutant</u> | <u>Tons Per Year</u> |
|------------------|----------------------|
| PE               | 7.20                 |
| SO2              | 30.00                |
| CO               | 82.20                |
| NOx              | 22.50                |
| VOC              | 60.00                |

**PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

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

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

| <u>Operations, Property,<br/>and/or Equipment</u>   | <u>Applicable Rules/Requirements</u> |                           |
|---|--------------------------------------|---------------------------|
| P901 - Modification of 425 TPH asphalt plant with baghouse #03-13125 issued on 4/28/99. Modification to increase CO and VOC limits and reflect accurate hourly production of 360 TPH. | OAC rule 3745-31-05 (A)(3)           | 40 CFR Part 60, Subpart I |
|   |                                      | OAC Rule 3745-17-11 (B)   |
|   |                                      | OAC rule 3745-17-07 (A)   |
|   |                                      | OAC Rule 3745-17-07 (B)   |
|   | OAC rule 3745-31-05 (D)              | OAC Rule 3745-17-08 (B)   |
|   |                                      | OAC Rule 3745-18-06(E)(2) |

Stonec

PTI A

Issued: 1/14/2003

Emissions Unit ID: P901

|   |           |
|---|-----------|
| Applicable Emissions  | See A.2.e |
| <u>Limitations/Control Measures</u>   |           |
| Stack Emissions:  |           |
| 5.04 lbs/hr PE  | See A.2.f |
| 36.00 lbs/hr SO <sub>2</sub>  |           |
| 27.00 lbs/hr NO <sub>x</sub>  | See A.2.f |
| 98.64 lbs/hr CO   |           |
| 72.00 lbs/hr VOC  | See A.2.e |
| Visible emission restrictions (See A.2.d)   |           |
| See A.2.a   |           |
| See A.2.g.  |           |
| 4.20 Tons/PE per rolling 12-month period (See A.2.b)                                |           |
| 3.00 Tons fugitive PE/ per rolling 12-month period (See A.2.b)                      |           |
| 30.00 Tons/SO <sub>2</sub> per rolling 12-month period (See A.2.b)                  |           |
| 22.50 Tons/NO <sub>x</sub> per rolling 12-month period (See A.2.b)                  |           |
| 82.20 Tons/CO per rolling 12-month period (See A.2.b)                               |           |
| 60.00 Tons/VOC per rolling 12-month period (See A.2.b)                              |           |
| 0.04 gr PE/dscf of exhaust gas  |           |
| Visible emissions from the baghouse stack shall not exhibit 20% opacity, or greater |           |

**2. Additional Terms and Conditions**

**2.a** "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the following:

- i. use of baghouse for drum mix operations; and
- ii. use of Best Available Control Measures (See A.2.c)

**2.b** The permittee has requested the following federally enforceable emission limitations:

30.00 tons SO<sub>2</sub> per rolling 12-month period  
 82.20 tons CO per rolling 12-month period  
 22.50 tons NO<sub>x</sub> per rolling 12-month period  
 60.00 tons VOC per rolling 12-month period  
 4.20 tons PE (stack) per rolling 12-month period  
 3.00 tons PE (fugitive) per rolling 12-month period

The federally enforceable emission limitations are based on production restrictions (See B.1.) and are being established for purposes of avoiding Prevention of Significant Deterioration (PSD) and Title V requirements.

**2.c** The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from emissions unit P901. If the inherent moisture in the asphalt plant raw material is not sufficient to comply with the opacity restrictions in section A.2.d., the permittee shall install equipment to apply water or any other suitable dust suppressant, at appropriate locations on the line.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

**2.d** Visible fugitive emissions from material handling operations for emissions unit P901 shall not exceed the following opacity restrictions:

| <b>Emission Point<br/>(company ID)</b> | <b>Equipment Type</b> | <b>Opacity Limit as a<br/>three-Minute<br/>Average</b> | <b>Regulatory Basis for<br/>Limit</b> |
|--|-----------------------|--|---------------------------------------|
| Material unloading<br>into feeder bins | Transfer point        | 20%  | OAC Rule 3745-31-05<br>(A) (3)        |

|   |                |     |                             |
|---|----------------|-----|-----------------------------|
| Material transfer from feeder bin conveyor to dryer feed conveyor | Transfer point | 20% | OAC Rule 3745-31-05 (A) (3) |
| Material transfer from dryer feed conveyor to dryer               | Transfer point | 20% | OAC Rule 3745-31-05 (A) (3) |

- 2.e** The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.f** This emissions unit is a portable source and is applicable to the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08 (B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rule 3745-17-07 (B) and OAC rule 3745-17-08 (B) are equivalent to or less stringent than the requirements established pursuant to OAC rule 3745-31-05 and NSPS Subpart I.
- 2.g** The requirements of this rule also include compliance with CFR 40 Part 60, Subpart I and OAC rule 3745-31-05(D).
- 2.h** The requirements established pursuant to this rule are equivalent to the requirements of 40 CFR Part 60, Subpart I.

**B. Operational Restrictions**

1. Annual asphalt production from emissions unit P901 shall not exceed 600,000 tons per year, based on a rolling, 12 month summation of the monthly production rates.

To ensure enforceability during the first 12 calendar months of operation under the provisions of this permit, the permittee shall not exceed the production levels specified in the following table:

| <u>MONTH(s)</u> | <u>MAXIMUM ALLOWABLE CUMULATIVE ASPHALT PRODUCTION (TONS)</u> |
|-----------------|---|
| 1               | 100,000   |
| 1-2             | 150,000   |
| 1-3             | 200,000   |
| 1-4             | 250,000   |
| 1-5             | 300,000   |
| 1-6             | 350,000   |
| 1-7             | 400,000   |
| 1-8             | 450,000   |
| 1-9             | 500,000   |
| 1-10            | 550,000   |
| 1-11            | 600,000   |
| 1-12            | 600,000   |

After the first 12 calendar months of operation under the provisions of this permit, compliance with the annual production limitation shall be based upon 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 introduced 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

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**Stonec**

**PTI A**

**Issued: 1/14/2003**

Emissions Unit ID: **P901**

**C. Monitoring and/or Recordkeeping 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:

| <u>material handling operation(s)</u>                                 | <u>minimum inspection frequency</u> |
|---|-------------------------------------|
| all material unloading into feeder bins                               | once during each day of operation   |
| all material transfer from feeder bin conveyor to dryer feed conveyor | once during each day of operation   |
| all material transfer from dryer feed conveyor to dryer               | 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:
  - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
  - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures; and
  - c. the dates the control measures were implemented.
6. The permittee shall maintain monthly records of the following information:

- a. Asphalt production rate in tons per month; and
- b. 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.

#### **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:
  - a. each day during which an inspection was not performed by the required frequency; and
  - b. 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.

#### **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):
  - a. Emission Limitation:  
0.04 gr/dscf, 5.04 lbs/hr PE  
  
Applicable Compliance Method:  
Compliance shall be determined by testing requirements specified in section E.2.

- b. Emission Limitation:  
4.20 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 600,000 tons by the company supplied emission factor of 0.014 lb PE/ton of product, and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual PE limitation will be assumed.

- c. Emission Limitation:  
3.00 TPY PE per rolling 12-month period (fugitive)

Applicable Compliance Method:

The emission limitation was established by multiplying an AP-42 emission factor of 0.01 lb PE/ton of material loaded (Section 13.2.4.3 [1/95]) by a maximum annual material handling operations throughput of 600,000 tons/yr and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual fugitive PE limitation will be assumed.

- d. Emission Limitation:  
36.00 lbs/hr SO<sub>2</sub>

Applicable Compliance Method:

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

- e. Emission Limitation:  
30.00 TPY/yr SO<sub>2</sub> per rolling 12-month period

Applicable Compliance Method:

The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.10 lb SO<sub>2</sub>/ ton of product and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual SO<sub>2</sub> limitation will be assumed.

- f. Emissions Limitation:  
27.00 lbs/hr NO<sub>x</sub>

Applicable Compliance Method:

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

- g. Emissions Limitation:  
22.50 tons/yr 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 600,000 tons by a company supplied emission factor of 0.075 lb NOx/ton of product and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual NOx limitation will be assumed.

- h. Emissions Limitation:  
98.64 lbs/hr CO
- Applicable Compliance Method:  
Compliance shall be determined by testing requirements specified in section E.2
- i. Emissions Limitation:  
82.20 tons/yr CO
- Applicable Compliance Method:  
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 600,000 tons by a company supplied emission factor of 0.274 lb CO/ton of product and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual CO limitation will be assumed.
- j. Emissions Limitation:  
72.00 lbs/hr VOC
- Applicable Compliance Method:  
Compliance shall be determined by testing requirements specified in section E.2.
- k. Emissions Limitation:  
60.00 tons/yr 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 600,000 tons by a company supplied emission factor of 0.20 lb VOC/ton of product and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the annual asphalt production limit in section B.1. of this permit, compliance with the annual VOC limitation will be assumed.
- l. Emissions Limitation:  
20 percent opacity as a 3-minute average per material handling operation
- Applicable Compliance Method:  
USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.
- m. Emission Limitation:  
Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.

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**Stonec**

**PTI A**

**Issued: 1/14/2003**

Emissions Unit ID: **P901**

Applicable Compliance Method:

USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

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 within 60 days after achieving the maximum production rate at which the emissions unit will be operated, but not later than 180 days after modification of such emissions unit.
  - b. The emission testing shall be conducted to demonstrate compliance with the following:
    - i. 5.04 lbs/hr PE
    - ii. 0.04 gr/dscf
    - iii. 36.00 lbs/hr SO<sub>2</sub>
    - iv. 98.64 lbs/hr CO
    - v. 72.00 lbs/hr VOC
    - vi. 27.00 lbs/hr NO<sub>x</sub>
  - c. The following test method(s) shall be employed to demonstrate compliance with the above emission limitations:
    - i. PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.
    - ii. SO<sub>2</sub>- Method 6, of CFR Part 60, Appendix A.
    - iii. CO- Method 10, of CFR Part 60, Appendix A.
    - iv. NO<sub>x</sub>- Method 20, of CFR Part 60, Appendix A.
    - v. VOC- Method 25 of CFR Part 60, Appendix A.

The emission testing shall also be conducted to verify the company supplied emission factors of:

- i. 0.10 lb SO<sub>2</sub>/ton of product

- ii. 0.075 lb NOx/ton of product
- iii. 0.274 lb CO/ton of product
- iv. 0.20 lb VOC/ton of product

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.

- d. 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).
- e. 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.
- 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, 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. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
  - a. the portable emissions unit is equipped with the best available control technology for such

portable emissions unit;

- b. the portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;
  - c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Northwest District Office (NWDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,
  - d. in the NWDO's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
- a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
  - b. the portable emissions unit is equipped with best available technology;
  - c. the portable emission unit owner has identified the proposed site to Ohio EPA;
  - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
  - e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
  - f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,
  - g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to section F.2. above, shall be valid for no longer than three years and are subject to renewal.

3. In order for the NWDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile

emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the NWDO (347 North Dunbridge Road, Bowling Green, OH 43402) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the NWDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V applicability.

The permittee shall include a potential to emit analysis of facility-wide emissions (including the portable sources) for the proposed relocation in the "Notice of Intent to Relocate".