



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
122 S. Front Street  
Columbus, OH 43215

TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049  
Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL  
CLINTON COUNTY  
Application No: 05-13799  
Fac ID: 0514950173**

**CERTIFIED MAIL**

	TOXIC REVIEW
	PSD
Y	SYNTHETIC MINOR
	CEMS
	MACT
OOO	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

**DATE: 6/7/2005**

Melvin Stone Company, LLC  
Andrew Haumesser  
11641 Mosteller Road  
Cincinnati, OH 45241

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  
309 South Fourth Street, Room 222  
Columbus, Ohio 43215

Sincerely,

Michael W. Ahern, Manager  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

cc: USEPA

SWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 6/7/2005  
Effective Date: 6/7/2005**

**FINAL PERMIT TO INSTALL 05-13799**

Application Number: 05-13799  
Facility ID: 0514950173  
Permit Fee: **\$2700**  
Name of Facility: Melvin Stone Company, LLC  
Person to Contact: Andrew Haumesser  
Address: 11641 Mosteller Road  
Cincinnati, OH 45241

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**P.O. Box 158  
Sabina, Ohio**

Description of proposed emissions unit(s):  
**Portable crushing plant, storage piles, roadways and 438HP diesel engine.**

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

## 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

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 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 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 Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

**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.

**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	23.13
SO <sub>2</sub>	1.57
OC	5.12
NO <sub>x</sub>	23.76
CO	5.12

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

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

- 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, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F001 - Portable crushing plant, transfer points, 438 HP diesel engine.	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) shall not exceed 8.67 tons per year (TPY) from crushing operations on a rolling, 12-month summation.
		Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.a through A.2.c).
		See A.2.d.
	40 CFR Part 60 Subpart OOO	Visible PE shall not exceed 10% opacity as a six-minute average.
	OAC rule 3745-31-05 (A)(3)	From diesel operations:  13.58 lbs (NO <sub>x</sub> )/hr, 23.76 TPY NO <sub>x</sub> .  2.98 lbs (CO)/hr, 5.12 TPY CO.  0.89 lb (SO <sub>2</sub> )/hr, 1.57 TPY SO <sub>2</sub> .  1.08 lbs (VOC)/hr, 1.89 TPY VOC.
	OAC rule 3745-17-07(A)(1)	Visible PE from diesel engine shall not exceed 20% opacity as a 6-minute average, except during start-up and shutdown.
	OAC rule 3745-17-07(B)	

OAC rule 3745-17-08(B)	See A.2.e.
OAC rule 3745-18-06(G)	See A.2.e.
OAC rule 3745-21-07(B)	See A.2.f.
OAC rule 3745-21-08(B)	See A.2.g.
OAC rule 3745-23-06(B)	See A.2.g.

**2. Additional Terms and Conditions**

**2.a** The permittee shall employ best available control measures for aggregate processing operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee’s permit application, the permittee has committed to perform the following control measures to ensure compliance:

<u>aggregate processing operation</u>	<u>control measure(s)</u>
transfer points, crushing and screening	water sprays

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

**2.b** For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary

**2.c** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

**2.d** The requirements of this rule also include compliance with OAC rule 3745-17-07(B), OAC rule 3745-17-08(B) and CFR 40 Part 60, Subpart OOO.

**2.e** 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(A)(3) and 40 CFR, Part 60, Subpart OOO.

When the emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

**2.f** This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06 (B).

**2.g** 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.

On February 14, 2005, OAC rule 3745-23-06 was rescinded; 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 U.S. EPA approves the revision, the requirement to satisfy the "latest available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

**2.h** The application and enforcement of the provisions of NSPS, as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements for 40 CFR Part 60 are also federally enforceable.

## **B. Operational Restrictions**

- 1.** The permittee shall combust only low sulfur distillate fuel oil in this emissions unit (fuel oil numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for fuel oils"). The sulfur content of the distillate oil shall contain no more than 0.5 weight percent sulfur.

2. The maximum annual operating hours for emissions unit F001 shall not exceed 3,500 hours, based upon a rolling, 12-month summation. To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the levels specified in the following table:

<u>Month(s)</u>	<u>Maximum Allowable Operating Hours</u>
1	291.67
1-2	583.33
1-3	875.00
1-4	1,166.66
1-5	1,458.33
1-6	1,750.00
1-7	2,041.66
1-8	2,333.33
1-9	2,625.00
1-10	2,916.66
1-11	3,208.33
1-12	3,500.00

After the first 12 calendar months of operation following the issuance of this permit, compliance with the annual operating hours limitation shall be based upon a rolling 12-month summation of operating hours.

### C. Monitoring and/or Record keeping Requirements

1. The permittee shall maintain monthly records of this emissions unit as follows:
  - a. Hours of operation,
  - b. Rolling, 12-month summation of operating hours.
  
2. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

Aggregate Processing Operation

All

Minimum Inspection Frequency

Once During Each Day of Operation

3. The above-mentioned inspections shall be performed during representative, normal operating conditions.
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;
  - b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
  - c. The dates the control measure(s) was (were) implemented; and
  - d. On a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.
6. For each day during which the permittee burns a fuel other than distillate oil the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
7. The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction in section B.1. Records of fuel supplier certification shall include the following information:
  - a. The name of the oil supplier; and
  - b. A statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in B.1 above.

**D. Reporting Requirements**

1. The permittee shall submit annual reports that identify any exceedances of the annual hours of operation limitations for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

2. The permittee shall submit deviation reports, in accordance with the General Terms and Conditions of this permit, that identify any of the following occurrences:
  - 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.
3. The permittee shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR, Part 60, Subpart OOO, including the reports of opacity observations using Method 9 to demonstrate compliance with this subpart.
4. Pursuant to the general provisions of NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times for this emissions unit:
  - a. Construction date (no later than 30 days after such date);
  - b. Actual start-up date (within 15 days after such date); and
  - c. Date of performance testing (if required, at least 30 days prior to testing).

Reports are to be sent to:

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

and

Ohio EPA, Southwest District Office  
DAPC  
401 E. Fifth Street  
Dayton, OH 45402-2911

5. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur No. 2 or diesel fuel containing no greater than 0.5% sulfur, by weight, was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs. These reports shall be submitted by January 31 of each year.

## **E. Testing Requirements**

1. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted, an opacity test for the crushing operation of F001 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test (ITT) notification to the Ohio EPA Southwest District Office (OEPA SWDO). The ITT notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in OEPA SWDO's refusal to accept the results of the opacity test(s).

Personnel from OEPA SWDO shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emission and opacity control at this plant). Data reduction of opacity readings (to determine compliance with opacity limitations) shall be based upon 6-minute averages, and if applicable, 3-minute averages.

A comprehensive written report of the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to OEPA SWDO within 30 days following completion of the test(s).

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

- a. Emission Limitation

8.67 TPY PE on a rolling, 12-month summation

Applicable Compliance Method

Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.0022lb/ton, as specified in AP-42, Table 11.19.2-2 (08/04 version), and dividing by 2,000 pounds per ton.

- b. Emission Limitation

10% opacity, as a 6-minute average

Applicable Compliance Method

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675

Subpart 000.

c. Emission Limitations

13.58 lbs NO<sub>x</sub>/hr and 23.76 tons NO<sub>x</sub> per year

Applicable Compliance Methods

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.031 lbs/hp-hr NO<sub>x</sub> from AP-42, Table 3.3-1 (revised 10/96) and the maximum rated horse power of the diesel engine (438 hp). The annual emission limitation was established by multiplying the emission factor of 0.031 lb/hp-hr NO<sub>x</sub> times the maximum rated horse power of the engine (438hp) times 3500hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 through 4 and 7 of 40 CFR Part 60, Appendix A.

d. Emission Limitations

2.98 lbs CO/hr and 5.12 tons CO/yr

Applicable Compliance Methods

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00668 lb/hp-hr CO derived from AP-42, Table 3.3-1 (revised 10/96) and a maximum rated horse power of the diesel engine (438hp). The annual emission limitation was established by multiplying the emission factor of 0.0068 lb/hp-hr CO times the maximum rated horse power of the engine (438hp) times 3500hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 through 4 and 10 of 40 CFR Part 60, Appendix A.

e. Emission Limitations

0.89 lb SO<sub>2</sub>/hr and 1.57 tons SO<sub>2</sub>/yr

Applicable Compliance Methods

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00205 lb/hp-hr SO<sub>2</sub> derived from AP-42, Table 3.3-1 (revised 10/96) and the maximum rated horse power of the engine (97hp). The annual emission limitation was established by multiplying the emission factor of 0.00205 lb/hp-hr SO<sub>2</sub>

times the maximum rated horse power of the engine (438), times 3500 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A.

f. Emission Limitations

1.08 lbs VOC/hr and 1.89 ton VOC/yr

Applicable Compliance Methods

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00247 lb/hp-hr VOC derived from AP-42, Table 3.3-1 (revised 10/96) and the maximum rated horse power of the engine (97). The annual emission limitation was established by multiplying the emission factor of 0.00247 lb/hp-hr CO times the maximum rated horse power of the engine (438) times 3500 hrs/yr and dividing by 2000 lbs/ton.

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 through 4 and 18, 25 or 25A of 40 CFR Part 60, Appendix A.

g. Emission Limitations

0.96 lb PE/hr and 1.69 ton PE/yr

Applicable Compliance Methods

The lbs PE/hr emission limitation represents the potential to emit\* for this emissions unit. Therefore, no hourly record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

\*Potential to emit was determined using AP-42, Chapter 3.3, Table 3.3-1 (revised 10/96).

If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 through 5 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the emission limitation of 0.00220 lb/hp-hr PE times the maximum rated horsepower of the engine (438), times 3500 hrs/yr and dividing by 2000 lbs/ton.

h. Emission Limitations

Visible PE shall not exceed 20% opacity as a 6-minute average, except during start-up and shutdown.

Applicable Compliance Methods

If required, the permittee shall demonstrate compliance in accordance with Method 9 of 40 CFR Part 60, Appendix A.

## F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:
  - a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):
    - i. The portable emissions unit is equipped with the best available technology for such portable emissions unit;
    - ii. The portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;
    - iii. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the site within a minimum of 30 days prior to the scheduled relocation; and
    - iv. In the Ohio EPA Southwest District Office and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.
  - b. In the alternative, pursuant to OAC 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC 3745-31-05(E) are met:
    - i. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
    - ii. The portable emissions unit is equipped with the best available technology;
    - iii. The portable emissions unit owner has identified the proposed site to the Ohio EPA;
    - iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

- v. A public notice, consistent with OAC 3745-47, is published in the county where the proposed site is located;
- vi. 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 this proposed site; and
- vii. The portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable 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 Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site. Upon the receipt of the notice, the Ohio EPA Southwest District Office, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

**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, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Storage piles, material handling	OAC rule 3745-31-05(A)(3)	1.86 TPY particulate emissions (PE)  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b and A.2.e)  No visible PE except for a period not to exceed one minute during any 60-minute period.
	OAC rule 3745-17-07(B)	See A.2.f
	OAC rule 3745-17-08(B)	See A.2.f
Wind erosion from storage piles	OAC rule 3745-31-05(A)(3)	Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.c through A.2.e)  No visible PE except for a period not to exceed one minute during any 60-minute period.
	OAC rule 3745-17-07(B)	See A.2.f
	OAC rule 3745-17-08(B)	See A.2.f

**2. Additional Terms and Conditions**

- 2.a** The permittee shall employ best available control measures for aggregate processing operation(s) for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to perform the following control measures to ensure compliance:

<u>aggregate processing operation</u>	<u>control measure(s)</u>
loading and unloading	reduced drop height
transfer points, crushing and screening	water sprays

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

- 2.b** For each material handling operation that is not adequately enclosed, the above-identified control measures shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measures shall continue during the operation of the material handling operations until further observation confirms that use of the control measures is unnecessary.
- 2.c** The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to watering and maintenance of as low a pile height as possible to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.d** The above-mentioned control measures shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measures are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measures shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
- 2.e** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.
- 2.f** The storage piles are associated with the portable screening system (emissions unit F001) permitted under facility ID 0514950173. The emission limitation of 1.86 tons fugitive

PE per year represents the maximum emissions which will be emitted from the storage piles associated with the portable crushing system.

This emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07(B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

The storage piles are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07(B) and 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 less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

**B. Operational Restrictions**

None

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

- 1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>Aggregate Processing Operation</u>	<u>Minimum Inspection Frequency</u>
All	Once During Each Day of Operation

- 2. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The above-mentioned inspections shall be performed during representative, normal operating conditions.
- 3. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
- 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;
  - c. The dates the control measures were implemented; and
  - d. On a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

**D. Reporting Requirements**

1. The permittee shall submit deviation reports, in accordance with the General Terms and Conditions of this permit, that identify any of the following occurrences:
  - a. Each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

**E. Testing Requirements**

1. Compliance with the emissions limitations in section A.1 of these terms and conditions shall be determined in accordance with the following methods:
  - a. Emission Limitation  
  
PE shall not exceed 1.46 TPY from plant load-in of storage piles.  
  
Applicable Compliance Method

Compliance shall be determined based on the emission factor calculation for drop operations associated with storage piles in AP-42 section 13.2.4 (01/95). Initial compliance has been determined using inputs representing current conditions as follows:

$$E = k (0.0032)[(U/5)^{1.3}/(M/2)^{1.4}]$$

Where:

E = emission factor expressed in pounds (lbs) / ton

k = particle size multiplier for TSP (dimension less) = 0.74

U = mean wind speed expressed in miles per hour (MPH) = 9.1

M = material moisture content (%) = 4

Therefore, E = 0.0019 lb PE/ton

maximum annual load-in throughput = 750,000 tons/year

maximum annual load-out throughput= 750,000 tons/year

$$[(750,000 \text{ tons/yr})(0.0019 \text{ lb PE/ton}) + (750,000 \text{ tons/yr})(0.0019 \text{ lb PE/ton})]/2000 \text{ lb/ton} = 1.46 \text{ TPY}$$

b. Emission Limitation

PE shall not exceed 0.7 TPY from wind erosion of storage piles.

Applicable Compliance Method

Compliance shall be determined based on the emission factor calculation for wind erosion from storage piles in BACM, Equation 2-12 (September, 1992). Initial compliance has been determined using inputs representing current conditions as follows:

$$E = (1.7)(s/1.5)[(365-p) / 235] (f/15)(365)(A/2000)$$

Where:

E = Emission factor

s = Silt content of the stored material (worst case estimate) (4%)

p = Number of days > 0.01 inch precipitation (130 days)

f = Percent of time winds exceed 12 mph (30%)

A = Total surface area of storage piles (worst case estimate) (5.0 acres)

$$E = 1.7(4/1.5)[(365-130)/235](30/15) = 9.08 \text{ lb/day/acre} \\ (9.08 \text{ lbs/day/acre})(365 \text{ days/yr})(5 \text{ acres})/2000 \text{ lbs/ton} = 8.28 \text{ TPY uncontrolled PE}$$

Assume 95% control efficiency for operating practices (estimate provided by applicant)

$(8.28 \text{ TPY})(.05) = .4 \text{ TPY PE (controlled)}$

c. Emission Limitation

No visible PE except for one minute during any 60-minute period.

Applicable Compliance Method

If required, compliance shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources").

**F. Miscellaneous Requirements**

1. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:

- a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):
  - i. The portable emissions unit is equipped with the best available technology for such portable emissions unit;
  - ii. The portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;
  - iii. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the site within a minimum of 30 days prior to the scheduled relocation; and
  - iv. In the Ohio EPA Southwest District Office and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.
- b. In the alternative, pursuant to OAC 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC 3745-31-05(E) are met:
  - i. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
  - ii. The portable emissions unit is equipped with the best available technology;

- iii. The portable emissions unit owner has identified the proposed site to the Ohio EPA;
- iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
- v. A public notice, consistent with OAC 3745-47, is published in the county where the proposed site is located;
- vi. 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 this proposed site; and
- vii. The portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable 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 Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site. Upon the receipt of the notice, the Ohio EPA Southwest District Office, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.

**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, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Unpaved roadways and parking areas	OAC rule 3745-31-05(A)(3)	Fugitive particulate emissions (PE) shall not exceed 10.78 tons per year.  There shall be no visible particulate emissions from any unpaved roadway or parking area except for a period of time not to exceed three minutes during any 60-minute observation period  Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see A.2.b. through A.2.g.)
	OAC rule 3745-17-07 (B)	See A.2.h.
	OAC rule 3745-17-08 (B)	See A.2.h.

2. **Additional Terms and Conditions**

- 2.a The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

All unpaved roadways.

unpaved parking areas:

All unpaved parking areas.

- 2.b** The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to employ watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 2.c** The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using appropriate dust control measures for paved surfaces. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to a visible emission limitation of no visible particulate emissions except for one minute during any 60-minute period.
- 2.e** The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.f** Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.g** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.
- 2.h** The unpaved roadways and parking areas are associated with the portable crushing system (emissions unit F001) permitted under facility ID 0514950173. The emission limitation of 10.78 ton per year fugitive PE represents the maximum emissions which

will be emitted from the unpaved roadways and parking areas for any proposed site for relocation of the portable system.

The roadways are associated with a portable source and are applicable to the requirements of OAC rule 3745-17-07(B) and 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 less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

**B. Operational Restrictions**

None

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

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of the unpaved roadways and parking areas in accordance with the following frequencies:

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
All	Daily

<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
All	Daily

- 2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
- 3. 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.
- 4. 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;
- c. The dates the control measures were implemented; and
- d. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

#### **D. Reporting Requirements**

1. The permittee shall submit deviation reports that identify any of the following occurrences:
  - a. Each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
  - b. Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. The 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 emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 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)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.
2. Emission Limitation

Particulate emissions (PE) shall not exceed 10.78 tons per year from unpaved roadways and parking areas.

Applicable Compliance Method

Compliance may be determined by summing unpaved roadway and parking segments using the following procedure for each segment: multiply the emission factor,  $E_{ext}$ , by the total annual vehicle miles traveled. The emission factor,  $E_{ext}$ , shall be determined by the following equation found in AP-42 section 13.2.2 (equations 1a and 2) for Unpaved Roads (12/03).

Unpaved Roadways:

$$E = k(s/12)^a(W/3)^b$$

$$E_{ext} = E[(365 - p)/365]$$

$$E_{ext} = k(10/12)^{0.7} (25/3)^{0.45} [(365 - 130)/365]$$

$$4.9(0.88)(2.59)(0.644) = 7.19 \text{ Lb/VMT}$$

$$7.19(60,000 \text{ VMT/Yr})(\text{control efficiency}-\text{watering, surface improvement, and speed reduction} = 0.05)/2000 = 10.78 \text{ TPY PE from unpaved roadways and parking areas.}$$

$E$  = size-specific particulate emission factor (lb/VMT)

$k$  = constant - 4.9 for PE (particle size multiplier for pounds/VMT)

$s$  = 10.0 percent - surface material silt content

$W$  = mean vehicle weight in tons (25 tons)

$a$  = constant - 0.7 for PE

$b$  = constant - 0.45 for PE

$E_{ext}$  = emission factor extrapolated for natural mitigation, lb/VMT

$p$  = number of days with at least 0.01 inches of precipitation per year = 130 days for central Ohio, Figure 13.2.2-1, AP-42, section 13.2.2

Control efficiency (watering, surface improvement, and speed control) = 95 percent

## F. Miscellaneous Requirements

1. Pursuant to OAC rule 3745-31-03(A)(1)(p), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a permit to install (PTI) providing certain criteria are met. The portable emissions unit shall meet one of the two following scenarios in order to qualify for this PTI exemption for the new location:
  - a. The following determinations have been documented, pursuant to OAC rule 3745-31-03(A)(1)(p)(i):
    - i. The portable emissions unit is equipped with the best available technology for such portable emissions unit;
    - ii. The portable emissions unit is operating pursuant to a currently effective permit to operate (PTO) or registration status;
    - iii. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA Southwest District Office and the appropriate

field office having jurisdiction over the site within a minimum of 30 days prior to the scheduled relocation; and

- iv. In the Ohio EPA Southwest District Office and the appropriate field office's (having jurisdiction over the new site) judgement, the proposed site is acceptable under OAC rule 3745-15-07.
  
- b. In the alternative, pursuant to OAC 3745-31-03(A)(1)(p)(ii), the permittee of a portable emissions unit may relocate within the State of Ohio without first obtaining a PTI, providing the following criteria of OAC 3745-31-05(E) are met:
  - i. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
  - ii. The portable emissions unit is equipped with the best available technology;
  - iii. The portable emissions unit owner has identified the proposed site to the Ohio EPA;
  - iv. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
  - v. A public notice, consistent with OAC 3745-47, is published in the county where the proposed site is located;
  - vi. 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 this proposed site; and
  - vii. The portable emissions unit owner has provided Ohio EPA with 15 days written notice of the relocation.

Any site approvals issued by the Ohio EPA, pursuant to OAC 3745-31-03(A)(1)(p)(ii), shall be valid for no longer than 3 years and are subject to renewal.

In order for the Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the permittee of the portable 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 Ohio EPA Southwest District Office and the appropriate field office having jurisdiction over the new site. Upon the

receipt of the notice, the Ohio EPA Southwest District Office, and/or appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

Failure to submit said notification and to receive Ohio EPA approval prior to relocation of the emissions unit may result in fines and civil penalties.

Pursuant to OAC rule 3745-31-05(F), the Director may modify the site approval to add or delete certain portable sources or add or delete certain terms and conditions as appropriate.