



**Environmental
Protection Agency**

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

12/21/2010

Mr. Robert Boehk
Erie Materials, Inc.
PO Box 2308
Sandusky, OH 44870

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0322022009
Permit Number: P0106728
Permit Type: Initial Installation
County: Erie

Certified Mail

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

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: Ohio EPA-NWDO



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Erie Materials, Inc.**

Facility ID: 0322022009
Permit Number: P0106728
Permit Type: Initial Installation
Issued: 12/21/2010
Effective: 12/21/2010
Expiration: 12/21/2020



Division of Air Pollution Control
Permit-to-Install and Operate
for
Erie Materials, Inc.

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Authorization

Facility ID: 0322022009
Application Number(s): A0040072, A0040266
Permit Number: P0106728
Permit Description: Installation of 75 TPH grinder powered by a 425 HP diesel-fired motor.
Permit Type: Initial Installation
Permit Fee: \$1,200.00
Issue Date: 12/21/2010
Effective Date: 12/21/2010
Expiration Date: 12/21/2020
Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Erie Materials, Inc.
4507 Tiffin Avenue
Sandusky, OH 44871

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

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency


Chris Korleski
Director



Authorization (continued)

Permit Number: P0106728

Permit Description: Installation of 75 TPH grinder powered by a 425 HP diesel-fired motor.

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

Emissions Unit ID:	P903
Company Equipment ID:	P903
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above. The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

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

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

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

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

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

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

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

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

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

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

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

7. What reports must I submit under this permit?

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

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

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2). The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

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

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

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

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed

permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred. If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

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

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

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

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31. You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting¹ a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emissions unit once the certification has been submitted to Ohio EPA by the authorized official. You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated. Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

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

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

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

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

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

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

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.

C. Emissions Unit Terms and Conditions



1. P903

Operations, Property and/or Equipment Description:

75 TPH portable grinder with 425 HP diesel-fired motor

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. None.

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

Table with 2 columns: Applicable Rules/Requirements and Applicable Emissions Limitations/Control Measures. Row 1: a. OAC rule 3745-31-05(A)(3) | See b)(2)a. and b)(2)b. Diesel Combustion Emissions: 0.94 pound particulate matter less than 10 microns in size (PM10)/hour & 0.94 tons PM10/year; 2.84 pounds carbon monoxide (CO)/hour & 2.84 tons CO/year; 13.18 pounds nitrogen oxides (NOx)/hour & 13.18 tons NOx/year; 0.87 pound sulfur dioxide (SO2)/hour & 0.87 ton SO2/year; 1.07 pounds organic compounds (OC)/hour & 1.07 tons OC/year; Fugitive Grinding Emissions:

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		0.41 ton fugitive particulate emissions (PE)/year 0.18 ton fugitive PM ₁₀ /year Visible fugitive particulate emissions shall not exceed 20% opacity, as a 3-minute average from the grinding operation.
b.	OAC rule 3745-17-07(A)	Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average from the diesel-fired motor, except as provided by rule.
c.	OAC rule 3745-17-07(B)	Pursuant to OAC rule 3745-17-07(B)(11)(e), OAC rule 3745-17-07(B)(1) does not apply because OAC rule 3745-17-08 is not applicable. See b)(2)c.
d.	OAC rule 3745-17-08(B)	This emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08. Therefore, pursuant to OAC rule 3745-17-08(A), the emissions unit is exempt from the requirements of OAC rule 3745-17-08. See b)(2)c.
e.	OAC rule 3745-17-11(B)(5)(a)	0.310 lb particulate matter per million Btu of actual heat input for a stationary small internal combustion engine
f.	OAC rule 3745-18-06(G)	This emissions unit is exempt from the requirements of OAC rule 3745-18-06(G) pursuant to OAC rule 3745-18-06(B).

(2) Additional Terms and Conditions

- a. The annual emission limitations established under OAC rule 3745-31-05(A)(3) are based on the hours of operation restriction specified in c)(2). The company requested this restriction in order to limit the annual emissions to below the Ohio acceptable incremental impacts thresholds and avoid state modeling requirements.

For purposes of federal permitting, the potential emissions from the diesel-fired motor shall be calculated by multiplying the appropriate emissions factor from AP-42 3.3-1 (revised 10/96) for small diesel IC engines, by a maximum engine power rating of 425 horsepower and a maximum operating schedule of 8,760 hours/year. Emissions factors and potential annual emissions for each pollutant are identified below:



Pollutant	AP-42 Emission Factor	Potential Annual Emission Rate
PM ₁₀	0.00220lb/hp-h	4.12 tons/year
CO	0.00668 lb/hp-h	12.44 ton/year
NO _x	0.031 lb/hp-h	57.73 tons/year
SO ₂	0.00205 lb/hp-h	3.81 tons/year
OC	0.00247 lb/hp-h	4.69 tons/year

- b. The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A) and OAC rule 3745-17-11(B)(5)(a). In addition, when this emissions unit is located in an Appendix A area, as identified in OAC rule 3745-17-08, the requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1) and OAC rule 3745-17-08(B).
- c. 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.

c) Operational Restrictions

- (1) The permittee shall combust only distillate fuel oil in this emissions unit.

The oil combusted in this emissions unit shall only be distillate oil (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 distillate oil shall contain no more than 0.5 weight percent sulfur.

- (2) The maximum hours of operation for this emissions unit shall not exceed 2,000 hours/year.

d) Monitoring and/or Recordkeeping Requirements

- (1) 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.
- (2) The permittee shall use records of fuel supplier certification to demonstrate compliance with the operational restriction specified in c)(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 specification under the definition of distillate oil specified in c)(1).

- (3) The permittee shall collect and record the following information each month:
- a. the total monthly hours of operation; and
 - b. the annual, year-to-date hours of operation [summation of d)(3)a.] for each calendar month-to-date from January to December.
- (4) The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from the grinding operation associated with this emissions unit. The presence or absence of any visible fugitive particulate emissions from this emissions unit shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
- a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible fugitive particulate emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible fugitive particulate emission incident under item d)(4)d. above or continue the daily check until the incident has ended. The observer may indicate that the visible fugitive particulate emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible fugitive particulate emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible fugitive particulate emissions.

e) Reporting Requirements

- (1) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.
- (2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements for visible emissions in term number d)(4) above:
 - a. all days during which any visible fugitive particulate emissions were observed from the grinding operation associated with this emissions unit; and

- b. any corrective actions taken to minimize or eliminate the visible particulate emissions from the diesel-fired motor and/or visible fugitive particulate emissions from this emissions unit.
- f) Testing Requirements
- (1) Compliance with the emission limitations in Section b)(1) of the terms and conditions of this permit shall be determined in accordance with the following methods:
- a. Emission Limitations:
- 0.94 pound PM₁₀/hour & 0.94 ton PM₁₀/year
- Applicable Compliance Method:
- Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.0022 pound/hp-hour from AP-42, Chapter 3.3 (revised 10/96) and a maximum 425 horsepower. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 – 4 of 40 CFR Part 60, Appendix A and Methods 201/201A and 202 of 40 CFR Part 51, Appendix M.
- The annual emission limitation was established by multiplying the hourly emission limitation by the annual hours of operation restriction (2,000 hours/year) and then dividing by 2,000 pounds/ton. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rate shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].
- b. Emission Limitation:
- 0.310 pound PE/mmBtu
- Applicable Compliance Method:
- If required, the permittee shall demonstrate compliance by testing in accordance with OAC rule 3745-17-03(B)(10).
- c. Emission Limitations:
- 2.84 pounds CO/hour & 2.84 tons CO/year
- Applicable Compliance Method:
- Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00668 pound/hp-hour from AP-42, Chapter 3.3 (revised 10/96) and a maximum 425 horsepower. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 – 4 and 10 of 40 CFR Part 60, Appendix A.
- The annual emission limitation was established by multiplying the hourly emission limitation by the annual hours of operation restriction (2,000 hours/year)

and then dividing by 2,000 pounds/ton. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rate shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].

d. Emission Limitations:

13.18 pounds NO_x/hour & 13.18 tons NO_x/year

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.031 pound/hp-hour from AP-42, Chapter 3.3 (revised 10/96) and a maximum 425 horsepower. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 – 4 and 7 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly emission limitation by the annual hours of operation restriction (2,000 hours/year) and then dividing by 2,000 pounds/ton. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rate shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].

e. Emission Limitations:

0.87 pound SO₂/hour & 0.87 ton SO₂/year

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00205 pound/hp-hour from AP-42, Chapter 3.3 (revised 10/96) and a maximum 425 horsepower. If required, the permittee shall demonstrate compliance by testing in accordance with Methods 1 – 4 and 6 of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly emission limitation by the annual hours of operation restriction (2,000 hours/year) and then dividing by 2,000 pounds/ton. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rate shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].

f. Emission Limitations:

1.07 pounds OC/hour & 1.07 tons OC/year

Applicable Compliance Method:

Compliance with the hourly emission limitation shall be determined by multiplying an emission factor of 0.00247 pound/hp-hour from AP-42, Chapter 3.3 (revised 10/96) and a maximum 425 horsepower. If required, the permittee shall

demonstrate compliance by testing in accordance with Methods 1 – 4 and 18, 25, or 25A, as appropriate, of 40 CFR Part 60, Appendix A.

The annual emission limitation was established by multiplying the hourly emission limitation by the annual hours of operation restriction (2,000 hours/year) and then dividing by 2,000 pounds/ton. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rate shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].

g. Emission Limitations:

0.41 ton fugitive PE/year

0.18 ton fugitive PM₁₀/year

Applicable Compliance Method:

The permittee shall demonstrate compliance with the fugitive particulate emission limitations by multiplying the appropriate emission factors from AP-42 Chapter 11.19.2 (revised 8/2004) of 0.0054 lb PE/ton and 0.0024 lb PM₁₀/ton by the annual production rate of 150,000 TPY. The annual production rate was based on the maximum hourly production rate of 75 tons/hour multiplied by the restricted 2,000 annual hours of operation. Therefore, provided the permittee demonstrates compliance with the annual hours of operation restriction, compliance with the annual emission rates shall also be demonstrated [See Monitoring and/or Recordkeeping Requirement d)(3)].

g) Miscellaneous Requirements

- (1) The permittee may relocate the portable source within the State of Ohio without first obtaining a permit-to-install and operate (PTIO) or a permit-to-install (PTI), providing the appropriate exemption requirements have been met and following the approval of the Director (the appropriate Ohio EPA District Office or local air agency). The Director may issue a "Notice of Site Approval" if the following criteria is met, pursuant to the permanent exemption for portable sources in OAC rule 3745-31-03(A)(1):
 - a. the portable source is operated in compliance with any applicable best available technology (BAT) determination issued in a permit and all applicable state and/or federal rules and laws;
 - b. the portable source is operating pursuant to a currently effective PTIO or PTI and/or permit to operate (PTO) and continues to comply with the requirements of the permit;
 - c. the permittee has provided a minimum of 30 days notice **(or a minimum of 15 days notice for preapproved sites)** of the intent to relocate the portable source to the permitting authority (the Ohio EPA District Office or local air agency that has issued the effective current permit) prior to the scheduled relocation;

- d. the Ohio EPA district office or local air agency having jurisdiction over the new site has determined that the permitted emissions would not cause a nuisance and would be acceptable under OAC rule 3745-15-07; and
- e. the Director has issued a "Notice of Site Approval", stating that the proposed site is acceptable and the relocation of the portable source, along with any supporting permitted emissions (e.g. roadways or storage piles), would not result in the installation of a major stationary source or a modification of an existing major stationary source at the new site.

The portable source can be relocated upon receipt of the Director's "Notice of Site Approval" for the site.

- (2) If the relocation of the portable source would result in the installation of a major source or the modification of a major source, as defined in OAC rule 3745-31-01, the permittee shall submit an application and obtain a PTIO or PTI (as applicable) for the new location prior to moving the portable source.

When a portable source is located at a stationary source or at a site with multiple portable sources, the potential emissions of the portable source may be required to be added to that of the facility, in order to determine the potential to emit for Title V and PSD applicability. Relocation of any portable source that results in the creation of a major source, as defined in OAC rule 3745-77-01, must also meet all applicable requirements under the Title V program contained in OAC rule 3745-77, which may include the requirement to apply for a Title V permit.

The "Notice of Intent to Relocate" shall be submitted to the Ohio EPA District Office or local air agency responsible for issuing the permits for the portable source. Upon receipt of the notice, the permitting office shall notify the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Failure to submit said notification or failure to receive Ohio EPA approval prior to relocation of the portable source may result in fines and civil penalties.