



Environmental  
Protection Agency

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

5/11/2010

TIM MARUCCI  
MARUCCI AND GAFFNEY EXCAVATING  
18 HOGUE ST  
YOUNGSTOWN, OH 44502

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

Facility ID: 0250111012

Permit Number: P0085924

Permit Type: Renewal

County: Mahoning

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT
Yes	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](http://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, Northeast District Office at (330)425-9171 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](http://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-NEDO





**FINAL**

**Division of Air Pollution Control  
Permit-to-Install and Operate  
for  
MARUCCI AND GAFFNEY EXCAVATING**

Facility ID: 0250111012  
Permit Number: P0085924  
Permit Type: Renewal  
Issued: 5/11/2010  
Effective: 5/11/2010  
Expiration: 5/11/2020





Division of Air Pollution Control
Permit-to-Install and Operate
for
MARUCCI AND GAFFNEY EXCAVATING

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## Authorization

Facility ID: 0250111012  
Application Number(s): A0016613, A0039448  
Permit Number: P0085924  
Permit Description: Renewal permits for portable facility's emissions units F001, F002, P901, and F004.  
Permit Type: Renewal  
Permit Fee: \$0.00  
Issue Date: 5/11/2010  
Effective Date: 5/11/2010  
Expiration Date: 5/11/2020  
Permit Evaluation Report (PER) Annual Date: Apr 1 - Mar 31, Due May 15

This document constitutes issuance to:

MARUCCI AND GAFFNEY EXCAVATING  
18 HOGUE ST.  
Youngstown, OH 44502

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, Northeast District Office  
2110 East Aurora Road  
Twinsburg, OH 43087  
(330)425-9171

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: P0085924

Permit Description: Renewal permits for portable facility's emissions units F001, F002, P901, and F004.

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

<b>Emissions Unit ID:</b>	<b>F001</b>
Company Equipment ID:	Storage Piles
Superseded Permit Number:	02-16821
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F002</b>
Company Equipment ID:	Roadways and parking
Superseded Permit Number:	02-16821
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>F004</b>
Company Equipment ID:	Viper Screener
Superseded Permit Number:	02-16821
General Permit Category and Type:	Not Applicable
<b>Emissions Unit ID:</b>	<b>P901</b>
Company Equipment ID:	Portable Crusher
Superseded Permit Number:	02-16821
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, Northeast 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 submitting<sup>1</sup> 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.

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<sup>1</sup> 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).

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 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.
2. 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 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.

3. 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.

4. 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.

## **C. Emissions Unit Terms and Conditions**



1. F001, Storage Piles

Operations, Property and/or Equipment Description:

load-in and load-out of storage piles

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 operations(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. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07 (B)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
b.	OAC rule 3745-17-08 (B)	The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05 (A)(3).
c.	OAC rule 3745-31-05 (A)(3) PTI No. 02-16821	Particulate emissions shall not exceed 6.61 tons per year from wind erosion and load-in and load-out operations.  There shall be no visible emissions of fugitive dust except for a period of time not to exceed one minute during any sixty-minute observation period.  The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of



Table with 2 columns: Applicable Rules/Requirements, Applicable Emissions Limitations/Control Measures. Row 1: fugitive dust. [See b)(2)b through b)(2)f.]

(2) Additional Terms and Conditions

- a. All of the storage piles at this facility are covered by this permit and subject to the requirements of OAC rule 3745-31-05.
b. The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements.
c. The operator shall avoid dragging any front-end loader bucket along the ground.
d. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements.
e. 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.
f. The above-mentioned control measure(s) 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 measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements.
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 requirements of OAC rule 3745-31-05(A)(3).

- c) Operational Restrictions
  - (1) None.
- d) Monitoring and/or Recordkeeping Requirements
  - (1) Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile at this facility on a daily basis.
  - (2) Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile at this facility on a daily basis.
  - (3) Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile at this facility on a daily basis.
  - (4) 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.
  - (5) 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 inspections shall be performed during representative, normal storage pile operating conditions.
  - (6) 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.
  - (7) 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 d)(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.

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.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitation:

There shall be no visible emissions of fugitive dust except for a period of time not to exceed one minute in any 60-minute observation period.

Applicable Compliance Method:

Compliance with the visible emissions of fugitive dust limitation for the storage piles 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").

b. Emissions Limitation:

Particulate emissions shall not exceed 6.61 tons per year from wind erosion and load-in and load-out operation.

Applicable Compliance Method:

Compliance with the above annual particulate emission limitation shall be determined by the following equations:

From AP-42, Chapter 13.2.4 (Aggregate Handling and Storage Piles), fifth Edition, dated 1/1995, for load-in and load-out operations,

$$E_L = k(0.0032)[(U/5)^{1.3} / (M/2)^{1.4}](P)(H)/(2,000)$$

Where,

$E_L$  = annual particulate emission rate from load-in and load-out (TPY);

k = particle size multiplier (dimensionless), 0.74 for PE and 0.35 for  $PM_{10}$ ;

U = mean wind speed, 8.7 mph;

M = material moisture content, 2.1% for various limestone products;

P = maximum hourly process rate, in tons/hour, 265 tons/hr; and

H = annual hours of operation.

And from USEPA's Control of Open Fugitive Dust Sources, September 1988 for wind erosion from storage piles, equation 4-9:

$$E_w = (1.7)(s/1.5)[(365 - p)/235](f/15)(365)(A)/(2,000)$$

Where,

$E_w$  = total annual particulate emission rate;

s = silt content of the stored material, weight percent, 3.9% for various limestone products;

p = number of days with > 0.01 inches of precipitation per year, 160 days;

f = percentage of time wind speed exceeds 12 mph, 30%; and

A = total surface area of storage piles, 1 acre.

For total particulate emissions:

$$E = E_L + E_w$$

g) Miscellaneous Requirements

(1) None.



2. F002, Roadways and parking

Operations, Property and/or Equipment Description:

unpaved roadways and parking areas

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 operations(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. 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. Rows include OAC rule 3745-17-07 (B), OAC rule 3745-17-08 (B), and OAC rule 3745-31-05 (A)(3) PTI No. 02-16821.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		minimize or eliminate visible emissions of fugitive dust.  See b)(2)a through b)(2)g below.

(2) Additional Terms and Conditions

- 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 at the facility

Unpaved parking areas:

All unpaved parking areas at the facility.

- 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 application, the permittee has committed to treat the unpaved roadways and parking areas by watering at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- 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 unpaved roadways and parking areas that are 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.
- d. 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.
- e. 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 by flushing. 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 sixty-minute observation period.

- 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.
  - 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.
- c) Operational Restrictions
- (1) None.
- d) Monitoring and/or Recordkeeping Requirements
- (1) Except as otherwise provided in this section, the permittee shall perform inspections of each of the roadway segments and parking areas in accordance with the following frequencies:

<u>unpaved roadways and parking areas</u>	<u>minimum inspection frequency</u>
all roads and parking areas	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 d)(4)d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

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.

f) Testing Requirements

- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:

a. Emission Limitation:

No visible emissions of fugitive dust from unpaved roadways and parking areas except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

If required, compliance with the visible emissions of fugitive dust limitation listed 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").

b. Emission Limitation:

Particulate emissions shall not exceed 2.85 tons per year.

Applicable Compliance Method:

Compliance with above annual particulate emission limitation shall be determined by the following equation from AP – 42, Chapter 13.2.2 (Unpaved Roads), Fifth Edition, dated 10,2001:

$$E = (k)(s/12)^a(W/3)^b[(365 - p)/365](VMT)(1/2,000)(1 - CE)$$

Where,

E = annual particulate emission rate, in tons per year;

k = constant, 4.9 for TSP, from Table 13.2.2-2;

s = surface material silt content, 4.8%, from Table 13.2.2-1;

W = mean vehicular weight, 33.10 tons;

a = constant, 0.7 for TSP, from Table 13.2.2-2;

b = constant, 0.45 for TSP and PM<sub>10</sub>, from Table 13.2.2-2;

p = number of days with > 0.01 inches of precipitation per year, 160 days;

VMT = vehicular miles traveled per year, 150 for front-end loader and 185 for trucks; and

CE = fractional control efficiency, 0.50 for watering.

g) Miscellaneous Requirements

(1) None.



3. P901, Portable Crusher

Operations, Property and/or Equipment Description:

265 tons per hour Pegson (model No. QM009408) recycled aggregate crusher with 300 HP diesel combustion engine. Emissions unit renamed from F003 in PTI No. 02-16821 based upon EG #44.

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. b)(1)g, b)(2)b, b)(2)c, d)(1), e)(1), and f)(1)a.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07 (A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
b.	OAC rule 3745-17-07 (B)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to 40 CFR Part 60, subpart OOO.
c.	OAC rule 3745-17-08 (B)	The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05 (A)(3).
d.	OAC rule 3745-17-11 (B)(5)(a)	The particulate emissions (PE) limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
e.	OAC rule 3745-18-06 (G)	See b)(2)a below.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
f.	OAC rule 3745-31-05 (A)(3)	<p>Fugitive particulate emissions from this emissions unit shall not exceed 1.37 pounds per hour and 6.0 tons per year.</p> <p>Particulate emissions (PE) from combustion engine shall not exceed 0.66 pound per hour and 2.89 tons per year.</p> <p>Sulfur dioxide (SO<sub>2</sub>) emissions from the combustion engine shall not exceed 0.62 pound per hour and 2.72 tons per year.</p> <p>Nitrogen oxides (NO<sub>x</sub>) emissions from the combustion engine shall not exceed 9.3 pounds per hour and 40.73 tons per year.</p> <p>Carbon monoxide (CO) emissions from the combustion engine shall not exceed 2.0 pound per hour and 8.76 tons per year.</p> <p>Organic compound (OC) emissions from the combustion engine shall not exceed 0.74 pound per hour and 3.24 tons per year.</p> <p>The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>See b)(2)d and c)(1) below.</p>
g.	40 CFR, Part 60, subpart OOO (40 CFR 60.670 – 60.676)	See b)(2)b and b)(2)c below.

(2) Additional Terms and Conditions

- a. The combustion engine is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06 (B).
- b. In accordance with 40 CFR §60.672 (c), no owner or operator of this emissions unit shall cause to be discharged into the atmosphere from any crusher, at which a capture system is not used, fugitive emissions which exhibit greater than 15 percent opacity.

- c. Table 1 of subpart 000 of 40 CFR Part 60 – “Applicability of Subpart A to Subpart 000” identifies which parts of the General Provisions in 40 CFR 60.1 – 60.19 apply.
  - d. The water sprays located on top of the crusher shall be operating at all times while the crusher is in operation. Also, water sprays shall be operated at all other points necessary to ensure compliance with the visible emission limitation specified above.
- c) Operational Restrictions
- (1) The permittee shall use only diesel fuel (number 2 fuel oil) with a maximum sulfur content of 0.5 percent by weight for combustion in this emissions unit.
- d) Monitoring and/or Recordkeeping Requirements
- (1) The permittee shall comply with the applicable monitoring and record keeping requirements necessary to demonstrate compliance with 40 CFR Part 60, subpart 000 (40 CFR 60.670 – 60.676).
  - (2) For each day during which the permittee burns a fuel other than diesel fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the combustion engine. The permittee shall also maintain documentation of the sulfur content of all fuels received.
- e) Reporting Requirements
- (1) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 60, subpart 000 (40 CFR 60.670 – 60.676).
  - (2) 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.
- f) Testing Requirements
- (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:
    - a. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 15% opacity, as a six-minute average.

Applicable Compliance Method:

The permittee shall use Method 9 and procedures in 40 CFR Part 60, Appendix A, with the following addition:

- i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet);
  - ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
  - iii. The duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
    - (a) There are no individual readings greater than 10 percent (10%) opacity; and
    - (b) There are no more than 3 readings of 10 percent (10%) for the 1-hour period.
- b. Emission Limitation:
- Particulate emissions shall not exceed 1.37 pounds per hour.
- Applicable Compliance Method:
- Compliance with the above hourly particulate emission limitation shall be determined using the emission factors for crushing operations in AP-42, "Compilation of Air Pollutant Emission Factors", Chapter 11.19.2 (Crushed Stone Processing), Fifth Edition, dated 1/1995 and for truck dumping operations in AP-42, Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/1995.
- c. Emission Limitation:
- Particulate emissions shall not exceed 6.0 tons per year
- Applicable Compliance Method:
- Compliance with the above annual particulate emission limitation shall be determined by multiplying the hourly allowable emission rate (1.37 pounds per hour) by 8,760 hours per year and dividing by 2,000 pounds per ton.
- d. Emission Limitation:
- PE from the combustion engine shall not exceed 0.66 pound per hour
- Applicable compliance Method:
- Compliance shall be determined by multiplying the 300 hp, rating of the unit, by the 0.00220 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

e. Emission Limitation

SO<sub>2</sub> emissions from the combustion engine shall not exceed 0.62 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 300 hp, rating of the unit, by the 0.00205 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

f. Emission Limitation

NO<sub>x</sub> emissions from the combustion engine shall not exceed 9.3 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 300 hp, rating of the unit, by the 0.031 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

g. Emission Limitation

CO emissions from the combustion engine shall not exceed 2.0 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 300 hp, rating of the unit, by the 0.00668 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

h. Emission Limitation

OC emissions from the combustion engine shall not exceed 0.74 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 300 hp, rating of the unit, by the 0.00247 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

i. Emission Limitation

2.89 tons per year of particulate emissions  
2.72 tons per year of SO<sub>2</sub> emissions  
40.73 tons per year of NO<sub>x</sub> emissions  
8.76 tons per year of CO emissions  
3.24 tons per year of OC emissions

Applicable compliance Method:

The annual emission limitations specified above were developed by multiplying the hourly emission limitations by 8,760 hours/year and dividing by 2,000 lbs/ton;

therefore, as long as compliance with the hourly emission limitations is maintained, compliance with the annual emission limitations will be assumed.

j. Emission Limitation

Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable compliance Method:

Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.

**4. F004, Viper Screener**

**Operations, Property and/or Equipment Description:**

265 tons per hour Viper recycled aggregate screener (model number SA9000302 IM 66247) with 100 HP diesel combustion engine.

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. b)(1)g, b)(2)b, b)(2)c, d)(1), e)(1), and f)(1)a

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operations(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. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-17-07 (A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
b.	OAC rule 3745-17-07 (B)	The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to 40 CFR Part 60, subpart OOO.
c.	OAC rule 3745-17-08 (B)	The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05 (A)(3).
d.	OAC rule 3745-17-11 (B)(5)(a)	The particulate emissions (PE) limitation specified by this rule is equivalent to the emission limitation established pursuant to OAC rule 3745-31-05 (A)(3).
e.	OAC rule 3745-18-06 (G)	See b)(2)a below.
f.	OAC rule 3745-31-05 (A)(3)	Fugitive particulate emissions from this



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>emissions unit shall not exceed 9.55 pounds per hour and 41.83 tons per year.</p> <p>Particulate emissions (PE) from combustion engine shall not exceed 0.22 pound per hour and 0.96 tons per year.</p> <p>Sulfur dioxide (SO<sub>2</sub>) emissions from the combustion engine shall not exceed 0.20 pound per hour and 0.88 tons per year.</p> <p>Nitrogen oxides (NO<sub>x</sub>) emissions from the combustion engine shall not exceed 3.1 pounds per hour and 13.58 tons per year.</p> <p>Carbon monoxide (CO) emissions from the combustion engine shall not exceed 0.67 pound per hour and 2.93 tons per year.</p> <p>Organic compound (OC) emissions from the combustion engine shall not exceed 0.25 pound per hour and 1.10 tons per year.</p> <p>The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.</p> <p>See b)(2)d and c)(1) below.</p>
g.	40 CFR, Part 60, subpart OOO (40 CFR 60.670 – 60.676)	See b)(2)b and b)(2)c below.

(2) Additional Terms and Conditions

- a. The combustion engine is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06 (B).
- b. In accordance with 40 CFR §60.672 (b), no owner or operator of this emissions unit shall cause to be discharged into the atmosphere from any screening or any transfer point on belt conveyors any fugitive emissions which exhibit greater than 10 percent opacity.
- c. Table 1 of subpart OOO of 40 CFR Part 60 – “Applicability of Subpart A to Subpart OOO” identifies which parts of the General Provisions in 40 CFR 60.1 – 60.19 apply.

- d. The water sprays located on top of the screener shall be operating at all times while the screener is in operation. Also, water sprays shall be operated at all other points necessary to ensure compliance with the visible emission limitation specified above.
- c) Operational Restrictions
    - (1) The permittee shall use only diesel fuel (number 2 fuel oil) with a maximum sulfur content of 0.5 percent by weight for combustion in this emissions unit.
  - d) Monitoring and/or Recordkeeping Requirements
    - (1) The permittee shall comply with the applicable monitoring and record keeping requirements necessary to demonstrate compliance with 40 CFR Part 60, subpart OOO (40 CFR 60.670 – 60.676).
    - (2) For each day during which the permittee burns a fuel other than diesel fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in the combustion engine. The permittee shall also maintain documentation of the sulfur content of all fuels received.
  - e) Reporting Requirements
    - (1) The permittee shall comply with the applicable reporting requirements necessary to demonstrate compliance with 40 CFR Part 60, subpart OOO (40 CFR 60.670 – 60.676).
    - (2) 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.
  - f) Testing Requirements
    - (1) Compliance with the emission limitations in b)(1) shall be determined in accordance with the following methods:
      - a. Emission Limitation:

Visible emissions of fugitive dust shall not exceed 10% opacity, as a six-minute average.

Applicable Compliance Method:

The permittee shall use Method 9 and procedures in 40 CFR Part 60, Appendix A, with the following addition:

        - i. The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet);

- ii. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.
- iii. The duration of the Method 9 observations may be reduced from 3 hours (thirty 6-minute averages) to 1 hour (ten 6-minute averages) only if the following conditions apply:
  - (a) There are no individual readings greater than 10 percent (10%) opacity; and
  - (b) There are no more than 3 readings of 10 percent (10%) for the 1-hour period.

b. Emission Limitation:

Particulate emissions shall not exceed 9.55 pounds per hour.

Applicable Compliance Method:

Compliance with the above hourly particulate emission limitation shall be determined using the emission factors for crushing operations in AP-42, "Compilation of Air Pollutant Emission Factors", Chapter 11.19.2 (Crushed Stone Processing), Fifth Edition, dated 1/1995 and for truck dumping operations in AP-42, Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/1995.

c. Emission Limitation:

Particulate emissions shall not exceed 41.83 tons per year

Applicable Compliance Method:

Compliance with the above annual particulate emission limitation shall be determined by multiplying the hourly allowable emission rate (9.55 pounds per hour) by 8,760 hours per year and dividing by 2,000 pounds per ton.

d. Emission Limitation:

PE from the combustion engine shall not exceed 0.22 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 100 hp, rating of the unit, by the 0.00220 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

e. Emission Limitation

SO<sub>2</sub> emissions from the combustion engine shall not exceed 0.20 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 100 hp, rating of the unit, by the 0.00205 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

f. Emission Limitation

NO<sub>x</sub> emissions from the combustion engine shall not exceed 3.1 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 100 hp, rating of the unit, by the 0.031 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

g. Emission Limitation

CO emissions from the combustion engine shall not exceed 0.67 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 100 hp, rating of the unit, by the 0.00668 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

h. Emission Limitation

OC emissions from the combustion engine shall not exceed 0.25 pound per hour

Applicable compliance Method:

Compliance shall be determined by multiplying the 100 hp, rating of the unit, by the 0.00247 lb/hp-hr emission factor, from AP-42, "Compilation of Air Pollutant Emission Factors", Table 3.3-1 (10/96).

i. Emission Limitation

0.96 tons per year of particulate emissions  
0.88 tons per year of SO<sub>2</sub> emissions  
13.58 tons per year of NO<sub>x</sub> emissions  
2.93 tons per year of CO emissions  
1.10 tons per year of OC emissions

Applicable compliance Method:

The annual emission limitations specified above were developed by multiplying the hourly emission limitations by 8,760 hours/year and dividing by 2,000 lbs/ton; therefore, as long as compliance with the hourly emission limitations is maintained, compliance with the annual emission limitations will be assumed.

j. Emission Limitation

Visible particulate emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable compliance Method:

Compliance with the above visible emission limitation shall be determined by USEPA's Reference Method 9 in 40 CFR, Part 60, Appendix A.

g) Miscellaneous Requirements

(1) None.