



State of Ohio Environmental Protection Agency

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

CERTIFIED MAIL

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center
P.O. Box 1049

Application No: 06-07118

DATE: 5/8/2003

Mar Zane Plant No 31
Ronald Morrison
3570 South River Rd.
Zanesville, OH 43701

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

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

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

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

Very truly yours,

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

cc: USEPA

SEDO



**Permit To Install
Terms and Conditions**

**Issue Date: 5/8/2003
Effective Date: 5/8/2003**

FINAL PERMIT TO INSTALL 06-07118

Application Number: 06-07118
APS Premise Number: 0660010246
Permit Fee: **\$800**
Name of Facility: Mar Zane Plant No 31
Person to Contact: Ronald Morrison
Address: 3570 South River Rd.
Zanesville, OH 43701

Location of proposed air contaminant source(s) [emissions unit(s)]:

**3570 South River Rd
Zanesville, Ohio**

Description of proposed emissions unit(s):

Roadway and Parking Areas.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

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

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

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

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Facility ID: 0660010246

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

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

10. Public Disclosure

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

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

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

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

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

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Issued: 5/8/2003

Facility ID: 0660010246

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

<u>Pollutant</u>	<u>Tons Per Year</u>
PM	12.52
CO	5.99
NO _x	24.77
SO ₂	3.94
VOC	0.86

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F002 - Unpaved Roads and Parking Area associated with an 800 TPH Portable Central Mix Concrete Plant	OAC rule 3745-31-05(A)(3)	<p>Particulate emissions shall not exceed 11.86 tons per year (tpy).</p> <p>No visible particulate emissions (PE) except for 3 minutes during any 60-minute period.</p> <p>Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.(see Sections A.2.b through A.2.g).</p>
	OAC rule 3745-17-08 (B), (B)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

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

unpaved roadways:
all

unpaved parking areas:
all

- 2.b The permittee shall employ best available control measures on all unpaved roadways and

parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to the following methods to ensure compliance: the application of water at sufficient treatment frequencies to control fugitive dust; the addition of gravel to the unpaved surface as needed for surface improvement; and a vehicle speed reduction of 10 to 15 mph on unpaved surfaces. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- 2.c The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for an unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
- 2.d Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using any combination of flushing, sweeping, and/or watering. 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 the visible emission limitation for paved roadways and parking areas.
- 2.e The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.
- 2.f Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.
- 2.g Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-17-08.

B. Operational Restrictions

None.

C. Monitoring and/or Record keeping Requirements

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

<u>unpaved roadways</u>	<u>minimum inspection frequency</u>
all	daily
<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
all	daily

- 2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
- 3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
- 4. The permittee shall maintain records of the following information:
 - a. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. The dates the control measures were implemented; and
 - d. On a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be updated on a calendar quarterly basis within 30 days

after the end of each calendar quarter.

D. Reporting Requirements

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

E. Testing Requirements

1. Emission Limitation:
No visible particulate emissions except for 3 minutes during any 60-minute period

Compliance Method:

Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

2. Emission Limitation:
Particulate emissions shall not exceed 11.86 tons per year.

Compliance Method:

The emission factor calculation for unpaved roadways and parking areas in AP-42 section 13.2.2 (10/96) shall be utilized to determine compliance. Initial compliance has been determined using inputs representing current conditions as follows:

$$E = [k(s/12)^a(W/3)^b[(365-p)/365]]/(M/0.2)^c$$

Where:

E = size-specific emission factor (lb/VMT)
s = silt content of road surface material (%) = 0.1
W = mean vehicle weight (tons) = 25
M = surface material moisture content (%) = 0.002
a = 0.8 (dimension less constant)
b = 0.5 (dimension less constant)
c = 0.4 (dimension less constant)
k = 1.5 (dimension less constant) particle size multiplier
p = 137 no. of rain days per year

Therefore, E = 2.47 lbs particulate/VMT

Maximum travel = 96,000 VMT/year

$96,000 \text{ VMT/yr}(2.47 \text{ lbs/VMT})(1\text{ton}/2000 \text{ lbs}) = 118.56 \text{ tons of particulate uncontrolled/year}$

Assume 90% control for roadway watering
 $(118.56 \text{ tons/year}) (.10) = 11.86 \text{ tons of particulate controlled/year}$

F. Miscellaneous Requirements

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
 - a. The portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - b. The portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Southeast District Office (SEDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,
 - d. In the SEDO's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI

providing the following criteria of OAC rule 3745-31-05(F) are met:

- a. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
- b. The portable emissions unit is equipped with best available technology;
- c. The portable emission unit owner has identified the proposed site to Ohio EPA;
- d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
- e. A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
- f. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,
- g. The portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the SEDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the SEDO (2195 Front Street, Logan, Ohio 43138) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the SEDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.
4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V and PSD applicability.

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

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Mar Z

PTI A

Issued: 5/8/2003

Emissions Unit ID: **F002**

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
F003 - Load-in and load-out from material stockpiles associated with an 800 TPH Portable Central Mix Concrete Plant	OAC rule 3745-31-05(A)(3)	Particulate emissions (PE) shall not exceed 0.1 ton per year. No visible PE except for 1 minute during any 60-minute period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Section A.2.b, A.2.c and A.2.f).
Wind erosion from material stock piles	OAC rule 3745-17-08 (B)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
Wind erosion from material stock piles	OAC rule 3745-31-05 (A)(3)	No visible PE except for 1 minute during any 60-minute period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.f).
Wind erosion from material stock piles	OAC rule 3745-17-08 (B)	The emission limitation specified by

this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

storage pile identification
all

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

2.c 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. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

2.d 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.

2.e Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-17-08 and 3745-31-05.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

- 1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum load-in inspection frequency</u>
all	daily

- 2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
all	daily

- 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 in accordance with the following frequencies:

<u>storage pile identification</u>	<u>minimum wind erosion inspection frequency</u>
all	daily

- 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 BAT control measures 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

Emissions Unit ID: **F003**

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 control measures;
 - c. The dates the control measures were implemented; and
 - d. On a calendar quarter basis, the total number of days control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

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

D. Reporting Requirements

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

E. Testing Requirements

1. Emission Limitation:
No visible particulate emissions except for 1 minute during any 60-minute period.

Compliance Method:

Compliance with the visible emission limitations 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"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

2. Emission Limitation:

Particulate emissions shall not exceed 0.1 ton per year.

Compliance Method:

The emission factor calculation for storage piles in AP-42 section 13.2.4 (January, 1995) shall be utilized to determine compliance. Initial compliance has been determined using inputs representing current conditions as follows:

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

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

k (PM) = particle size multiplier (dimension less) = 0.74

U = mean wind speed expressed in miles per hour (MPH) = 8.1

M = material moisture content (%) = .7

A Material ton per year value of 1,200,000

F. Miscellaneous Requirements

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
 - a. The portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - b. The portable emissions unit is operating pursuant to a currently effective permit to install, permit to operate or registration;
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Southeast District Office (SEDO) and the appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,
 - d. In the SEDO's and the appropriate field office's judgement, the proposed site is acceptable

under the rule 3745-15-07 of the Administrative Code.

2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:
 - a. The portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;
 - b. The portable emissions unit is equipped with best available technology;
 - c. The portable emission unit owner has identified the proposed site to Ohio EPA;
 - d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
 - e. A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
 - f. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,
 - g. The portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the SEDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the SEDO (2195 Front Street, Logan, Ohio 43138) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the SEDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.
4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V and PSD applicability.

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Mar Z

PTI A

Issued: 5/8/2003

Emissions Unit ID: **F003**

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
P001 - 80 HP 150 KVA Generator Set	OAC rule 3745-31-05(A)(3)	OAC rule 3745-17-11(B)(5)(a) OAC rule 3745-17-07(A) OAC rule 3745-18-06(B) OAC rule 3745-23-06(B)

Mar 2

PTI A

Issued: 5/8/2003

Emissions Unit ID: **P001**

Applicable Emissions
Limitations/Control Measures

Emissions shall not exceed:

0.20 pound per hour (lb/hr) and
0.15 ton per year (TPY) sulfur
dioxide (SO₂);

3.02 lbs/hr and 2.27 TPY nitrogen
oxides (NO_x);

0.25 lb/hr and 0.19 TPY volatile
organic compounds (VOC);

0.22 lb/hr and 0.17 TPY particulate
emissions (PE); and

0.65 lb/hr and 0.49 TPY carbon
monoxide (CO).

The requirements of this rule also
include compliance with the
requirements of OAC rules 3745-
35-07(B), 3745-17-11(B)(5)(a) and
3745-17-07(A).

See B.2.

0.310 lb particulate/million Btu of
actual heat input.

Visible emissions shall not exceed
20% opacity, as a six-minute
average.

See A.2.a.

See A.2.b.

2. Additional Terms and Conditions

- 2.a** This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).
- 2.b** The permittee has satisfied the "latest available control techniques and operating practices required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install.

B. Operational Restrictions

- 1.** The permittee shall only burn low sulfur No. 2 or diesel fuel, containing less than 0.5% sulfur by weight, in this emissions unit.
- 2.** The permittee has requested a limitation on operating hours for purposes of limiting potential to emit to avoid state modeling associated with relocation of a portable source. Therefore, the maximum number of operating hours for emissions unit P001 shall not exceed 1500 hours per 12 month period. To ensure compliance during the first 12 calendar months of operation following the startup of emissions unit P001, the permittee shall not exceed the operating hours specified in the following table:

<u>Month(s)</u>	<u>Maximum Cumulative Operating Hours</u>
1	750
1-2	1,125
1-3	1,500
1-4	1,500
1-5	1,500
1-6	1,500
1-7	1,500
1-8	1,500
1-9	1,500
1-10	1,500
1-11	1,500
1-12	1,500

After the first 12 calendar months of operation following the startup of emissions unit P001, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record keeping Requirements

1. For each day during which the permittee burns a fuel other than low sulfur No. 2 or diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain documentation on the sulfur content of all fuels received.
3. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation.
 - c. Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur No. 2 or diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports which identify the following exceedances:
 - a. The rolling, 12-month hours of operation limitation;
 - b. For the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.
 - c. Sulfur content fuel restriction described in condition B.1.

These deviation (excursion) reports shall be submitted in accordance with the general terms and conditions of this permit.

E. Testing Requirements

1. Emission Limitation:

Emissions of nitrogen oxides (NO_x) shall not exceed 3.02 lbs/hr and 2.27 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation is demonstrated by multiplying the emissions factor from AP-42, Table 3.3-1, 10/1996 (0.031 lb/HP-hr) by the maximum rated capacity of P001 (80 HP).

Annual emissions shall be determined by multiplying the hourly NO_x emission rate, in lbs/hr, by the total number of hours of operation each year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 7. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

2. Emissions Limitation:

Emissions of carbon monoxide (CO) shall not exceed 0.65 lb/hr and 0.49 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emissions factor from AP-42, Table 3.3-1, 10/1996 (0.00668 lb/HP-hr) by the maximum rated capacity of P001 (80 HP).

Annual emissions shall be determined by multiplying the hourly CO emission rate by the total number of hours of operation each year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

3. Emission Limitation:

Emissions of VOC shall not exceed 0.25 lb/hour and 0.19 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (0.00251 lb/HP-hr) by the maximum rated capacity of P001 (80 HP).

Annual emissions shall be determined by multiplying the hourly VOC emission rate by the total number of hours operated per year and dividing by 2000 lbs/ton.

Emissions Unit ID: **P001**

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

- 4.** Emissions Limitation:
Emissions of SO₂ shall not exceed 0.20 lb/hour and 0.15 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (0.00205 lb/HP-hr) by the maximum rated capacity of P001 (80 HP).

Annual emissions shall be determined by multiplying the hourly SO₂ emission by the total number of hours operated per year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

- 5.** Emission Limitation:
Particulate emissions shall not exceed 0.22 lb/hr and 0.17 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.3-1, 10/1996 (0.31 lb/MMBtu) by the rated capacity of P001, in MMBtu/hr.

Annual emissions shall be determined by multiplying the hourly PE emission rate by the total number of hours operated per year and dividing by 2000 lbs/ton.

- 6.** Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average.

Compliance Method:

Compliance with the visible emission limitation shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A. No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

- 7.** Emission Limitation:

Particulate emissions shall not exceed 0.310 lb/mmBtu of actual heat input.

Compliance Method:

Compliance shall be determined by the emission factor of 0.31 lb/mmBtu specified in the U.S. EPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.3, Table 3.3-1 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

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

Emissions Unit ID: **P002**

- c. The portable emission unit owner has identified the proposed site to Ohio EPA;
- d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
- e. A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
- f. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,
- g. The portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

- 3. In order for the SEDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the SEDO (2195 Front Street, Logan, Ohio 43138) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the SEDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.
- 4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V and PSD applicability.

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

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

A. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	
P002 - 750 HP 750 KVA Generator Set	OAC rule 3745-31-05(A)(3)	OAC rule 3745-17-11(B)(5)(b) OAC rule 3745-17-07(A) OAC rule 3745-18-06(B) OAC rule 3745-23-06(B)

Mar 2

PTI A

Issued: 5/8/2003

Emissions Unit ID: **P002**

Applicable Emissions
Limitations/Control Measures

Emissions shall not exceed:

3.03 pounds per hour (lb/hr) and
3.79 tons per year (TPY) sulfur
dioxide (SO₂);

18.00 lbs/hr and 22.50 TPY
nitrogen oxides (NO_x);

0.53 lb/hr and 0.67 TPY volatile
organic compounds (VOC);

0.32 lb/hr and 0.40 TPY particulate
emissions (PE); and

4.40 lbs/hr and 5.50 TPY carbon
monoxide (CO).

The requirements of this rule also
include compliance with the
requirements of OAC rules
3745-35-07(B), 3745-17-
11(B)(5)(b) and 3745-17-07(A).

See B.2.

0.062 lb particulate/million Btu of
actual heat input.

Visible emissions shall not exceed
20% opacity, as a six-minute
average.

See A.2.a.

See A.2.b.

2. Additional Terms and Conditions

- 2.a** This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(B).
- 2.b** The permittee has satisfied the "latest available control techniques and operating practices required pursuant to OAC rule 3745-23-06(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3) in this permit to install.

B. Operational Restrictions

- 1.** The permittee shall only burn low sulfur No. 2 or diesel fuel, containing less than 0.5% sulfur by weight, in this emissions unit.
- 2.** The permittee has requested a limitation on operating hours for purposes of limiting potential to emit to avoid state modeling associated with relocation of a portable source. Therefore, the maximum number of operating hours for emissions unit P002 shall not exceed 2500 hours per 12 month period. To ensure compliance during the first 12 calendar months of operation following the startup of emissions unit P002, the permittee shall not exceed the operating hours specified in the following table:

<u>Month(s)</u>	<u>Maximum Cumulative Operating Hours</u>
1	1,250
1-2	2,000
1-3	2,500
1-4	2,500
1-5	2,500
1-6	2,500
1-7	2,500
1-8	2,500
1-9	2,500
1-10	2,500
1-11	2,500
1-12	2,500

After the first 12 calendar months of operation following the startup of emissions unit P002, compliance with the annual operating hours limitation shall be based upon a rolling, 12-month summation of the operating hours.

C. Monitoring and/or Record keeping Requirements

1. For each day during which the permittee burns a fuel other than low sulfur No. 2 or diesel fuel, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall maintain documentation on the sulfur content of all fuels received.
3. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the hours of operation.
 - c. Also, during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative operating hours for each calendar month.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than low sulfur No. 2 or diesel fuel was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit deviation (excursion) reports which identify the following exceedances:
 - a. The rolling, 12-month hours of operation limitation;
 - b. for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation.
 - c. Sulfur content fuel restriction described in condition B.1.

These deviation (excursion) reports shall be submitted in accordance with the general terms and conditions of this permit.

E. Testing Requirements

1. Emission Limitation:

Emissions of nitrogen oxides (NO_x) shall not exceed 18.00 lbs/hr and 22.50 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation is based is demonstrated by multiplying the emissions factor from AP-42, Table 3.4-1, 10/1996 (0.024 lb/HP-hr) by the maximum rated capacity of P002 (750 HP).

Annual emissions shall be determined by multiplying the hourly NO_x emission rate by the total number of hours of operation each year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 7. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

2. Emissions Limitation:

Emissions of carbon monoxide (CO) shall not exceed 4.40 lbs/hr and 5.50 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emissions factor from AP-42, Table 3.4-1, 10/1996 (0.0055 lb/HP-hr) by the maximum rated capacity of P002 (750 HP).

Annual emissions shall be determined by multiplying the hourly CO emission rate by the total number of hours of operation each year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

3. Emission Limitation:

Emissions of VOC shall not exceed 0.53 lb/hour and 0.67 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.4-1, 10/1996 (0.000705 lb/HP-hr) by the maximum rated capacity of P002 (750 HP).

Annual emissions shall be determined by multiplying the hourly VOC emission rate by the total number of hours operated per year and dividing by 2000 lbs/ton.

Emissions Unit ID: **P002**

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 25A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

4. Emissions Limitation:
Emissions of SO₂ shall not exceed 3.03 lbs/hour and 3.79TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.4-1, 10/1996 [(0.00809 times the sulfur content (0.5) in percent) lb/HP-hr] by the maximum rated capacity of P002 (750 HP).

Annual emissions shall be determined by multiplying the hourly SO₂ emission rate by the total number of hours operated per year and dividing by 2000 lbs/ton.

Emissions testing, if required, shall be conducted using the following test method: 40 CFR Part 60, Appendix A, Method 10. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA Southeast District Office.

5. Emission Limitation:
Particulate emissions shall not exceed 0.32 lb/hr and 0.40 TPY.

Compliance Method:

Compliance with the lb/hr emission limitation shall be demonstrated by multiplying the emission factor from AP-42, Table 3.4-2, 10/1996 (0.062 lbs/MMBtu) by the rated capacity of P002, in MMBtu/hr.

Annual emissions shall be determined by multiplying the hourly PE emission rate by the total number of hours operated per year and dividing by 2000 lbs/ton.

6. Emission Limitation:
Visible particulate emissions shall not exceed 20% opacity as a 6-minute average.

Compliance Method:

Compliance with the visible emission limitation shall be determined in accordance with Method 9 of 40 CFR Part 60, Appendix A. No visible emission testing is specifically required to demonstrate compliance with this limit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).

7. Emission Limitation:

Particulate emissions shall not exceed 0.062 lb/mmBtu of actual heat input.

Compliance Method:

Compliance shall be determined by the emission factor of 0.062 lb/mmBtu specified in the U.S. EPA reference document AP-42, Table 3.4-2 (10/96).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

F. Miscellaneous Requirements

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

Emissions Unit ID: **P002**

- c. The portable emission unit owner has identified the proposed site to Ohio EPA;
- d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;
- e. A public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;
- f. The owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,
- g. The portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the SEDO and the appropriate field office having jurisdiction over the new site to determine compliance with all of the above criteria, the owner or operator of the portable or mobile emissions unit must file a "Notice of Intent to Relocate", within the specified time frame (30 or 15 days) prior to the relocation of the emissions unit with the SEDO (2195 Front Street, Logan, Ohio 43138) and the appropriate office having jurisdiction over the new site. Upon receipt of the notice, the SEDO and/or the appropriate field office having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.
4. The permittee should be advised that when portable emission units are located at a stationary source or at a source comprised of portable emission units, potential emissions from the portable emission units are included in the facility potential to emit calculations for Title V and PSD applicability.

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

NEW SOURCE REVIEW FORM B

PTI Number: 06-07118 Facility ID: 0660010246

FACILITY NAME Mar Zane Plant No 31

FACILITY DESCRIPTION Central mix concrete plant. CITY/TWP Zanesville

SIC CODE 3273 SCC CODE 30588801 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Roads and Parking Area for an 800 TPH Portable Central Mix Concrete Plant

DATE INSTALLED 3/2003

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter			11.86		11.86
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? no NESHAP? no PSD? no OFFSET POLICY? no

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ N/A

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? YES x NO

IDENTIFY THE AIR CONTAMINANTS:

NEW SOURCE REVIEW FORM B

PTI Number: 06-07118

Facility ID: 0660010246

FACILITY NAME Mar Zane Plant No 31

FACILITY DESCRIPTION Central mix concrete plant.

CITY/TWP Zanesville

Emissions Unit ID: P002

SIC CODE 3273

SCC CODE 30510309

EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION Portable Material Stockpiles

DATE INSTALLED 3/2003

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter			0.092		0.092
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? no

NESHAP? no

PSD? no

OFFSET POLICY? no

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ N/A

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES x NOIDENTIFY THE AIR CONTAMINANTS: N/A

NEW SOURCE REVIEW FORM B

PTI Number: 06-07118 Facility ID: 0660010246

FACILITY NAME Mar Zane Plant No 31

FACILITY DESCRIPTION Central mix concrete plant. CITY/TWP Zanesville

Emissions Unit ID: **P002**

SIC CODE 3273 SCC CODE 20200102 EMISSIONS UNIT ID P002

EMISSIONS UNIT DESCRIPTION Portable 750 HP 750 KVA Generator Set

DATE INSTALLED 3/2003

EMISSIONS: (Click on bubble help for Air Quality Descriptions)

Pollutants	Air Quality Description	Actual Emissions Rate		PTI Allowable	
		Short Term Rate	Tons Per Year	Short Term Rate	Tons Per Year
Particulate Matter		0.32 lb/hr	0.40	0.32 lb/hr	0.40
PM ₁₀					
Sulfur Dioxide		3.03 lb/hr	3.79	3.03 lb/hr	3.79
Organic Compounds		0.53 lb/hr	0.67	0.53 lb/hr	0.67
Nitrogen Oxides		18.00 lb/hr	22.50	18.00 lb/hr	22.50
Carbon Monoxide		4.40 lb/hr	5.50	4.40 lb/hr	5.50
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? no

NESHAP? **no**

PSD? no

OFFSET POLICY? no

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?

Enter Determination

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? no

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ N/A

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*? _____ YES x NO

IDENTIFY THE AIR CONTAMINANTS: N/A