☒ **Synthetic Minor Determination and/or** ☐ **Netting Determination**
Permit To Install: 04-01452

A. **Source Description**

The location of Crestline's home office is 1913 Nebraska Avenue, Toledo, Lucas County, Ohio. The portable plant is currently located at 5010 Stickney Avenue, Toledo, Lucas County, Ohio. It consists of the following emission units:

Crestline Paving Portable Aggregate Crusher and Diesel Engines - Permit Summary

Emission Unit ID	PTI Number	Additional Notes
F001 - Roadways	04-01446	General Permit
F002 - Aggregate Storage Piles	04-01446	General Permit
P901 - crusher, grizzly feeder. screen, conveyors, material handling, 438 hp diesel engine	04-01446	
P902 - 174 HP diesel engine	04-01450	
P903 - 45 HP diesel engine	04-01451	
P904 - 85 HP diesel engine	04-01452	

This PTI is for the portable 85 HP diesel engine.

B. Facility Emissions and Attainment Status

When analyzing the facility as a whole, potential emissions of NOx from the associated diesel engines trigger modeling requirements under OEPA's Air Toxics Policy (Engineering Guide #69). Modeling is required when NOx emissions exceed 25 tpy. The potential emissions from the diesel engines associated with this aggregate processing plant, as shown below, are calculated at 100.78 tpy. With federally enforceable permit restrictions, the combined emissions from this installation will not require modeling for NOx emissions. These permit allowable emission will not trigger Emissions Offset Policy; PSD, or NAA review.

Potential emissions for the facility F001, F002, and P901-P904 are as follows:

Total Facility Potential Emissions, tons/yr

	CO	NOx	PE	PM10	SO2	VOC
F001			25.2	7.4		
F002			12.0	5.9		
P901	12.83	59.48	19.84	9.6	3.94	4.82
P902	5.08	23.61	1.66	1.66	1.58	1.93
P903	1.31	6.13	0.44	0.44	0.39	0.48
P904	2.50	11.56	0.83	0.83	0.74	0.92
Total	21.72	**100.78**	59.97	25.83	6.65	8.15

Under OEPA's Air Toxic's Policy, modeling is required for NOx if allowable emissions are set at 25 tons or greater. Because unrestricted operation of these emission units would create the potential to emit greater than 25 tons of NOx emissions, the permittee has requested a federally enforceable operating restriction of 2,080 hours per unit per year will be enforced to maintain NOx emissions below 25 tpy.

Therefore, total **allowable emissions for the facility with P901-P904 restricted to 2,080 hrs/yr** become:

Total Facility Allowable Emissions, tons/yr

	CO	NOx	PE	PM10	SO2	VOC
F001			25.2	7.4		
F002			12.0	5.9		
P901	3.04	14.12	4.71	2.32	0.93	1.15
P902	1.21	5.61	0.40	0.40	0.37	0.45
P903	0.31	1.45	0.10	0.10	0.10	0.12
P904	0.59	2.74	0.19	0.19	0.18	0.22
Total	5.15	**23.92**	42.61	16.21	1.58	1.94

These portable emissions sources will initially be installed in Lucas County. Lucas County has the following attainment status.

Pollutant	Classification
PM-10	Unclassified
Sulfur Dioxide	Attainment
Nitrogen Oxides	Unclassified/Attainment
Carbon Monoxide	Unclassified/Attainment
Lead	N/A - attainment
Ozone	Non-attainment 8-hr

C. Source Emissions

P904 - portable diesel engine - with an annual hourly operating restriction of 2,080 hours per engine per rolling, 12-month period.

Total Allowable emissions for P904 are as follows:

CO	0.57 lb/hr x 2,080 hrs/yr / 2,000 lbs/ton = 0.59 tpy
NOx	2.64 lbs/hr x 2,080 hrs/yr / 2,000 lbs/ton = 2.74 tpy
PE	0.19 lb/hr x 2,080 hrs/yr / 2,000 lbs/ton = 0.19 tpy
PM10	0.19 lb/hr x 2,080 hrs/yr / 2,000 lbs/ton = 0.19 tpy
SO2	0.17 lb/hr x 2,080 hrs/yr / 2,000 lbs/ton = 0.18 tpy
VOC	0.21 lb/hr x 2,080 hrs/yr / 2,000 lbs/ton = 0.22 tpy

D. Conclusion

Federally enforceable permit restrictions limit the total emissions of NOx to 23.92 tons per rolling, 12-month period for this permit to install and 27.0 tons per year for the total installation, which is less than the major source threshold of 100 tons per year.

State of Ohio Environmental Protection Agency

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

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

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

RE: DRAFT PERMIT TO INSTALL
LUCAS COUNTY
Application No: 04-01452
Fac ID: 0448960009

CERTIFIED MAIL

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

DATE: 8/29/2006

Crestline Paving/Excavating, Inc.
Christopher James
P.O. Box 3356 1913 Nebraska Avenue
Toledo, OH 43607

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed of final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **$400** will be due. Please do not submit any payment now.

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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

Michael W. Ahern

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

CC: **USEPA** **TDES** **Toledo Met Area Council of Govs** **IN** **MI**

LUCAS COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL **04-01452** FOR AN AIR CONTAMINANT SOURCE FOR
Crestline Paving/Excavating, Inc.

On 8/29/2006 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Crestline Paving/Excavating, Inc.**, located at **1913 Nebraska Avenue, Toledo**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 04-01452:

85 HP portable diesel fired generator.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Karen Granata, Toledo Department of Environmental Services, 348 South Erie Street, Toledo, OH 43602
[(419)936-3015]

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install | **Issue Date: To be entered upon final issuance**
Terms and Conditions | **Effective Date: To be entered upon final issuance**

DRAFT PERMIT TO INSTALL 04-01452

Application Number: 04-01452

Facility ID: 0448960009

Permit Fee: **To be entered upon final issuance**

Name of Facility: Crestline Paving/Excavating, Inc.

Person to Contact: Christopher James

Address: P.O. Box 3356 1913 Nebraska Avenue
Toledo, OH 43607

Location of proposed air contaminant source(s) [emissions unit(s)]:
1913 Nebraska Avenue
Toledo, Ohio

Description of proposed emissions unit(s):
85 HP portable diesel fired generator.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental

Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

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

10. Public Disclosure

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

11. Applicability

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

12. Best Available Technology

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

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

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

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

Pollutant	Tons Per Year
CO	0.59
NOx	2.74
PE	0.19
PM10	0.19
SO2	0.18
VOC	0.22

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.

Operations, Property, and/or Equipment - (P904) - 85 HP portable diesel engine

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Carbon monoxide (CO) emissions shall not exceed 0.57 pound per hour.
	Nitrogen oxides (NOx) emissions shall not exceed 2.64 pounds per hour.
	Particulate Emissions (PE) shall not exceed 0.19 pound per hour.
	PM10 emissions shall not exceed 0.19 pound per hour.
	Sulfur dioxide (SO_2) emissions shall not exceed 0.17 pound per hour.
	Volatile organic compounds (VOC) emissions shall not exceed 0.21 pound per hour.
	Visible emissions of particulate shall not exceed 10% opacity as a six-minute average.
	See Sections A.2.a and d.
OAC rule 3745-31-05(C)	Emissions shall not exceed, as a rolling, 12-month summation:
	0.59 ton CO
	2.74 tons NOx
	0.19 ton PE
	0.19 ton PM10
	0.18 ton SO2
	0.22 ton VOC

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Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-17-07(A)(1)	See Section A.2.b.
OAC rule 3745-17-11(B)(5)(a)	PE shall not exceed 0.310 pound per mmBtu of actual heat input.
OAC rule 3745-18-06(G)	SO2 emissions shall not exceed 0.5 pound per mmBtu of actual heat input.
OAC rule 3745-21-07(B)	See Section A.2.e.
OAC rule 3745-21-08(B)	See Section A.2.f.
OAC rule 3745-23-06(B)	See Section A.2.g.

2. Additional Terms and Conditions

2.a The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B)(5)(a), and 3745-18-06(G).

2.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.c This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

2.d The sulfur content of the diesel fuel received for combustion in this emissions unit shall not exceed 0.5% by weight.

2.e The permittee has satisfied the "best available control techniques and operating practices" and "latest available control techniques and operating practices" required pursuant to OAC rule 3745-21-07(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.f The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by complying with all applicable rules.

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the

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requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

2.g 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.

On February 14, 2005, OAC rule 3745-23-06 was rescinded; therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the U.S. EPA approves the revision to OAC rule 3745-23-06, the requirement to satisfy the "latest available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

1. The quality of oil as received for combustion in this emissions unit shall meet the specifications of number 2 diesel fuel oil, as defined by the American Society for Testing and Materials in ASTM D396-78, 89, 90, 92, 96, or 98, "Standard Specification for Fuel Oils" (i.e., "on-spec" with $\leq$0.5% sulfur by weight).

2. The maximum hours of engine operation shall not exceed 2,080 hours per year as a rolling, 12-month summation. To ensure enforceability during the first 12 calendar months of operation following the startup of this emissions unit, the permittee shall not exceed the hours of operation specified in the following table:

month(s)	maximum allowable cumulative hours of operation (hours)
1	720
1-2	1,440
1-3	2,080
1-4	2,080
1-5	2,080
1-6	2,080
1-7	2,080
1-8	2,080
1-9	2,080
1-10	2,080
1-11	2,080
1-12	2,080

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

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than the number 2 diesel fuel oil specified above (i.e., "on-spec" with ≤0.5% sulfur by weight), 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 install and maintain a device (hour meter) capable of tracking the total hours of operation of the engine.

4. The permittee shall calculate and record the following on a monthly basis:

   a. the total hours of operation of each emissions unit, in hours;

   b. beginning after the first 12 calendar months of operation following issuance of this permit, the total hours of operation of each emissions unit as a rolling, 12-month summation, in hours. Also, during the first 12 calendar months of operation following issuance of this permit, the permittee shall record the cumulative hours of operation for each calendar month.

5. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in an operations log:

   a. the color of the emissions;
   b. whether the emissions are representative of normal operations;
   c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
   d. the total duration of any visible emission incident; and
   e. any corrective actions taken to eliminate the visible emissions.

6. The monitoring and recordkeeping requirements of this section apply only for those calendar quarters during which the emissions unit is located in the State of Ohio.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than the number 2 diesel fuel oil specified (i.e., "on-spec" with ≤0.5% sulfur by

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weight) was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that:

   a. summarize any daily record(s) showing that a fuel other than the number 2 diesel fuel oil specified (i.e., "on-spec" with ≤0.5% sulfur by weight) was burned in this emissions unit,

   b. identify all exceedances of the rolling, 12-month total hours of operation limitation; and for the first 12 calendar months of operation following the issuance of this permit, all exceedances of the maximum allowable cumulative hours of operation limitations,

   c. identify (a) all days during which any visible particulate emissions were observed from the stack serving this emissions unit and)b) describe any corrective actions taken to eliminate the visible particulate emissions.

   If no deviations occurred during the calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that period.

3. All deviation reports shall be submitted in accordance with the General Terms and Conditions of this permit every January 31, April 30, July 31, and October 31.

4. The reporting requirements of this section apply only for those calendar quarters during which the emissions unit is located in the State of Ohio.

E. Testing Requirements

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

   a. Emissions Limitation**:**

      Visible particulate emissions from each diesel engine exhaust stack shall not exceed 10 percent opacity as a six-minute average, except as specified by the rule.

      Applicable Compliance Method:

      Compliance shall be determined through visible emission observations performed in accordance with Method 9 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(1). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

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b. Emission Limitation:

The emissions of CO shall not exceed 0.57 pound per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.00668 lb/hp-hr) by the actual operating horsepower.

If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 4 and 10 of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

c. Emission Limitation:

The emissions of CO shall not exceed 0.59 ton as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed as follows: multiply the hourly allowable emissions rate (0.57 lb/hr CO) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

d. Emissions Limitation:

The emissions of NOx shall not exceed 2.64 pounds per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.031 lb/hp-hr) by the actual operating horsepower.

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If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 4 and 7E of 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

e. Emissions Limitation:

The emissions of NOx shall not exceed 2.74 tons as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed as follows: multiply the hourly allowable emissions rate (2.64 lbs/hr NOx) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

f. Emissions Limitation:

Particulate Emissions (PE) shall not exceed 0.310 pound per mmBtu of actual heat input.

Applicable Compliance Method:

Compliance may be demonstrated through the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.31 lb/mmBtu).

If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

g. Emissions Limitation:

PE shall not exceed 0.19 pound per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.00220 lb/hp-hr) by the actual operating horsepower.

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If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 5 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-17-03(B)(10). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

h. Emissions Limitation:

PE shall not exceed 0.19 ton as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed as follows: multiply the hourly allowable emissions rate (0.19 lb/hr PE) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

i. Emission Limitation:

The emissions of PM10 shall not exceed 0.19 pound per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.00220 lb/hp-hr) by the actual operating horsepower.

If required, the permittee shall demonstrate compliance with this emissions limitation in accordance with Methods 201 and 202 of 40 CFR Part 51, Appendix M. Alternate, equivalent methods may be used upon approval by the Toledo Division of Environmental Services.

j. Emission Limitation:

The emissions of PM10 shall not exceed 0.19 ton as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed

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as follows: multiply the hourly allowable emissions rate (0.19 lb/hr PM10) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

k. Emission Limitation:

The emissions of SO_2 shall not exceed 0.5 pound per mmBtu of actual heat input.

Applicable Compliance Method:

Compliance may be demonstrated through the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.29 lb/mmBtu).

If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-18-04(E) and (F). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

l. Emission Limitation:

The emissions of SO2 shall not exceed 0.17 pound per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.00205 lb/hp-hr) by the actual operating horsepower.

If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 4 and 6 of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-18-04(E) and (F). Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

m. Emission Limitation:

The emissions of SO2 shall not exceed 0.18 ton as a rolling, 12-month summation.

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Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed as follows: multiply the hourly allowable emissions rate (0.17 lb/hr SO_2) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

n. Emission Limitation:

The emissions of VOC shall not exceed 0.21 pound per hour.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at the maximum operating load of 85 horsepower. Compliance may be demonstrated through calculations performed as follows: multiply the emission factor in AP-42, Chapter 3.3, Table 3.3-1, revised 10/96 (0.00251 lb/hp-hr) by the actual operating horsepower.

If required, the permittee shall demonstrate compliance with this emissions limitation using Methods 1 through 4 and 25 or 25A of 40 CFR Part 60, Appendix A using the methods and procedures specified in OAC rule 3745-21-10. Alternative U.S. EPA approved test methods may be used with prior written approval from the Ohio EPA.

o. Emission Limitation:

The emissions of VOC shall not exceed 0.22 ton as a rolling, 12-month summation.

Applicable Compliance Method:

This emission limitation was established to reflect the potential to emit for this emissions unit at a maximum total operating rate of 2,080 hours per rolling, 12-month period. Compliance may be demonstrated through calculations performed as follows: multiply the hourly allowable emissions rate (0.21 lb/hr VOC) by the actual rolling, 12-month summation of the total hours of operation and divide by 2,000 pounds per ton.

F. Miscellaneous Requirements

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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 appropriate field office having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and,

   d. in the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

2. In the alternative, pursuant to OAC rule 3745-31-03(A)(1)(p)(ii), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria of OAC rule 3745-31-05(F) are met:

   a. the portable emissions unit permittee possesses an Ohio EPA PTI, PTO or registration status;

   b. the portable emissions unit is equipped with best available technology;

   c. the portable emission unit owner has identified the proposed site to Ohio EPA;

   d. Ohio EPA has determined that the portable emissions unit, at the proposed site, will have an acceptable environmental impact;

   e. a public notice, consistent with Chapter 3745-47 of the Administrative Code, is published in the county where the proposed site is located;

   f. the owner of the proposed site has provided the portable emissions unit owner with approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to the proposed site; and,

   g. the portable emissions unit owner has provided the Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the Toledo Division of Environmental Services and the appropriate Ohio EPA field office having jurisdiction over the new site to determine compliance with all of

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the above criteria, the permittee shall 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 Toledo Division of Environmental Services and the appropriate Ohio EPA field office having jurisdiction over the new site.

Upon receipt of the notice, the Toledo Division of Environmental Services and/or appropriate Ohio EPA field office having jurisdiction over the new site will evaluate the request in accordance with the above criteria.

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

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

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

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

5. The terms and conditions of this PTI A.1 through E.1 are federally enforceable.

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