



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
MONTGOMERY COUNTY**

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: 08-04181

DATE: 6/21/00

Allied Concrete Products Inc
Anna Merillat
PO Box 2141 1928 James Savage Rd
Midland, MI 486412141

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,

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA

RAPCA



Permit To Install

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

FINAL PERMIT TO INSTALL 08-04181

Application Number: 08-04181
APS Premise Number: 0857043204
Permit Fee: **\$2200**
Name of Facility: Allied Concrete Products Inc
Person to Contact: Anna Merillat
Address: PO Box 2141 1928 James Savage Rd
Midland, MI 486412141

Location of proposed air contaminant source(s) [emissions unit(s)]:
2213-2219 McCall St
Dayton, Ohio

Description of proposed emissions unit(s):
portable material crushing.

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 Related to Monitoring and Recordkeeping 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

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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 are inadequate 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 prove to be inadequate 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 application must be made to the Director for the installation or modification of any other emissions unit(s).

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 thirty (30) days after commencing operation of the emissions unit(s) covered by this permit.

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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>
particulates	2.07
nitrogen oxides	3.31
carbon monoxide	0.71
sulfur dioxide	0.21
organic compounds	0.28

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>
F001 - portable concrete and demolition debris crusher and screening operation, with water spray control	OAC rule 3745-31-05(A)(3)	0.39 lb/hour and 0.49 TPY particulate emissions
		See A.2. b. below
		The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60 Subpart OOO.
	NSPS 40 CFR Part 60, Subpart OOO	Visible emissions shall not exceed 15%, as a six-minute average from any crushing and screening operation
	OAC rule 3745-17-07(B)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3) and 40 CFR Part 60 Subpart OOO. (See A.2.c.)
	OAC rule 3745-17-08(B)	The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05(A)(3). (See A.2.c.)

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Emissions Unit ID:**F001**

2. Additional Terms and Conditions

- 2.a The 0.39 lb/hour particulate emissions limitation is being developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b The concrete and demolition debris materials processed through this crusher and screening operation shall have either inherent moisture or water spray control sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and screening operation, so that compliance with the opacity requirement specified above is continuously maintained.
- 2.c This rule is applicable only if and when the emissions unit is located in an Appendix A area, as specified in OAC rule 3745-17-08.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain monthly records of the quantity of crushed stone produced in this emissions unit, in tons.

D. Reporting Requirements

- 1. The permittee shall submit annual reports which summarize the annual production rate of crushed stone in this emissions unit. These reports shall be submitted by January 31 of each year, and shall reflect operations during the previous calendar year.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. shall be determined in accordance with the following method(s):
 - a. Emission Limitation -
0.39 lb/hour particulate emissions

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly production of 250

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Emissions Unit ID:**F001**

tons/hour by the AP-42 Table 11.19.2-2 (1/95) particulate emission factor for primary crushing and screening of 0.00154 lb particulate emissions/ton.

- b. Emission Limitation -
0.49 TPY particulate emissions

Applicable Compliance Method -

Compliance shall be based upon record keeping and shall be determined by multiplying the AP-42 Table 11.19.2-2 (1/95) particulate emission factor for primary crushing and screening of 0.00154 lb particulate emissions/ton by the sum of the monthly crushed stone production records (in tons) for the calendar year, and dividing by 2,000 lbs/ton.

- c. Emission Limitation -
15% opacity, as a six-minute average

Applicable Compliance Method -

Compliance shall be determined through visible emission evaluations performed using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source
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 permit to install providing the following criteria are met:
 - a. The portable emissions unit is equipped with the best available control technology for such a portable emissions unit.
 - b. The portable emissions unit is operating pursuant to a currently effective permit to operate.
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) within a minimum of thirty days prior to the scheduled relocation.
 - d. In the Director's judgement (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed location(s)), the proposal site is acceptable under OAC rule 3745-15-07.
2. Alternatively, 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 permit to install providing the following criteria of OAC rule 3745-31-05(F) are met:

- a. The portable emissions unit permittee possesses a currently effective permit to install, permit to operate, or registration status issued by Ohio EPA.
- b. The portable emissions unit is equipped with best available technology.
- c. The portable emissions 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 this proposed site.
- g. The portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) 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, respectively) prior to the relocation of the emissions unit with the Regional Air Pollution Control Agency (RAPCA, 451 West Third Street, Dayton, OH 45422) and the appropriate District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, RAPCA and/or appropriate field offices having jurisdiction over the new site will evaluate the request in accordance with the following criteria.

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

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 - materials handling operation (conveying and truck loading/unloading)	OAC rule 3745-31-05(A)(3)	1.08 lbs/hour and 1.35 TPY particulate emissions
		See A.2. b. below
	NSPS 40 CFR Part 60, Subpart OOO	The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60 Subpart OOO.
	OAC rule 3745-17-07(B)(1)	Visible emissions shall not exceed 10%, as a six-minute average from any materials handling conveyors and transfer points
	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) and 40 CFR Part 60 Subpart OOO. (See A.2.c.)
		The control requirements specified by this rule are less stringent than the control requirements established pursuant to OAC rule

3745-31-05(A)(3). (See A.2.c.)

2. Additional Terms and Conditions

- 2.a The 1.08 lbs/hour particulate emissions limitation is being developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b The concrete and demolition debris materials processed through the materials handling conveyors and transfer points shall have either inherent moisture or water spray control sufficient to minimize or eliminate visible emissions of fugitive dust from the materials handling conveyors and transfer points, so that compliance with the opacity requirement specified above is continuously maintained.
- 2.c This rule is applicable only if and when the emissions unit is located in an Appendix A area, as specified in OAC rule 3745-17-08.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain monthly records of the quantity of crushed stone produced in this emissions unit, in tons.

D. Reporting Requirements

- 3. The permittee shall submit annual reports that summarize the annual production of crushed stone in this emissions unit. These reports shall be submitted by January 31 of each year, and shall reflect operations during the previous calendar year.

E. Testing Requirements

- 1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation -

1.08 lbs/hour particulate emissions

Applicable Compliance Method -

Compliance shall be determined by multiplying the maximum hourly production rate of 250 tons/hour by the AP-42 Table 11.19.2-2 (1/95) particulate emission factor for transfer points, conveyors, and truck loading/unloading operations of 0.00432 lb particulate emissions/ton.

- b. Emission Limitation -
1.35 TPY particulate emissions

Applicable Compliance Method -

Compliance shall be based upon record keeping and shall be determined by multiplying the AP-42 Table 11.19.2-2 (1/95) particulate emission factor for transfer points, conveyors, and truck loading/unloading operations of 0.00432 lb particulate emissions/ton by the sum of the monthly crushed stone production records (in tons) for the calendar year, and dividing by 2,000 lbs/ton.

- c. Emission Limitation -
10% opacity, as a six-minute average

Applicable Compliance Method -

Compliance shall be determined through visible emission evaluations performed using the methods and procedures specified in Reference Method 9 of 40 CFR Part 60, Appendix A, and 40 CFR 60.675(c).

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source
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 permit to install providing the following criteria are met:
 - a. The portable emissions unit is equipped with the best available control technology for such a portable emissions unit.
 - b. The portable emissions unit is operating pursuant to a currently effective permit to operate.
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit

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to the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) within a minimum of thirty days prior to the scheduled relocation.

d. In the Director's judgement (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed location(s)), the proposal site is acceptable under OAC rule 3745-15-07.

2. Alternatively, 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 permit to install providing the following criteria of OAC rule 3745-31-05(F) are met:

- a. The portable emissions unit permittee possesses a currently effective permit to install, permit to operate, or registration status issued by Ohio EPA.
- b. The portable emissions unit is equipped with best available technology.
- c. The portable emissions 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 this proposed site.
- g. The portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.

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

3. In order for the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) 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, respectively) prior to the relocation of the emissions unit with the Regional Air Pollution Control Agency (RAPCA, 451 West Third Street, Dayton, OH 45422) and the appropriate District Office or local air agency having jurisdiction over the new site. Upon receipt

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of the notice, RAPCA and/or appropriate field offices having jurisdiction over the new site will evaluate the request in accordance with the following criteria.

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

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>
P001 - 0.60 mmBtu/hour portable diesel generator	OAC rule 3745-31-05(A)(3)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(5).
		0.23 TPY particulate emissions
		2.65 lbs/hour and 3.31 TPY nitrogen oxides (NOx)
		0.57 lb/hour and 0.71 TPY carbon monoxide (CO)
		0.17 lb/hour and 0.21 TPY sulfur dioxide (SO2)
		0.22 lb/hour and 0.28 TPY organic compounds (OC)
		5% opacity, as a six-minute average, except as provided by rule
	OAC rule 3745-17-11(B)(5)	0.310 lb particulate emissions/mmBtu actual heat input
	OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the

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emission limitation established
pursuant to OAC rule
3745-31-05(A)(3).

2. Additional Terms and Conditions

- 2.a** The hourly emission limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 2500.
2. The permittee shall burn only distillate fuel oils in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the operating hours for this emissions unit.
2. For each day during which the permittee burns a fuel other than distillate fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify any exceedances of the annual operating hours limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
2. The permittee shall submit deviation (excursion) reports to the Director (the appropriate Ohio EPA District Office or local air agency) that identify each day when a fuel other than distillate fuel oil was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

- a. Emission Limitation-
0.310 lb particulate emissions/mmBtu of actual heat input

Applicable Compliance Method-

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Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 0.310 lb particulate emissions/mmBtu. 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).

- b. Emission Limitation-
0.23 TPY particulate emissions

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 0.310 lb particulate emissions/mmBtu multiplied by the maximum rated capacity of the diesel engine of 0.60 mmBtu/hr, then multiplied by the number of operating hours as determined in Section C.1. and divided by 2000 lbs/ton.

- c. Emission Limitation-
2.65 lbs/hr NOx

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 4.41 lb NOx/mmBtu multiplied by the maximum rated capacity of the diesel engine of 0.60 mmBtu/hr.

- d. Emission Limitation-
3.31 TPY NOx

Applicable Compliance Method-

Compliance shall be based upon the maximum hourly emission rate of 2.65 lbs/hr multiplied by the number of operating hours as determined in Section C.1. and divided by 2000 lbs/ton.

- e. Emission Limitation-
0.57 lb/hr CO

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 0.95 lb CO/mmBtu multiplied by the maximum rated capacity of the diesel engine of 0.60 mmBtu/hr.

- f. Emission Limitation-
0.71 TPY CO

Applicable Compliance Method-

Compliance shall be based upon the maximum hourly emission rate of 0.57 lb/hr multiplied by the number of operating hours as determined in Section C.1. and divided by 2000 lbs/ton.

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- g. Emission Limitation-
0.17 lb/hr SO₂

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 0.29 lb SO₂/mmBtu multiplied by the maximum rated capacity of the diesel engine of 0.60 mmBtu/hr.

- h. Emission Limitation-
0.21 TPY SO₂

Applicable Compliance Method-

Compliance shall be based upon the maximum hourly emission rate of 0.17 lb/hr multiplied by the number of operating hours as determined in Section C.1. and divided by 2000 lbs/ton.

- i. Emission Limitation-
0.22 lb/hr OC

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42 Table 3.3-1 (10/96) of 0.36 lb OC/mmBtu multiplied by the maximum rated capacity of the diesel engine of 0.60 mmBtu/hr.

- j. Emission Limitation-
0.28 TPY OC

Applicable Compliance Method-

Compliance shall be based upon the maximum hourly emission rate of 0.22 lb/hr multiplied by the number of operating hours as determined in Section C.1. and divided by 2000 lbs/ton.

- k. Emission Limitation-
5% opacity visible emission limitation as a 6-minute average

Applicable Compliance Method-

Compliance with the visible emission limitation is presumed through the use of diesel fuel. If required, compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03 (B)(1) using the tests and procedures specified in USEPA Reference Method 9.

- l. Operational Limitation -
2500 hours of operation per year

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Applicable Compliance Method -
Compliance shall be based upon record keeping as specified in Section C.1.

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Source
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 permit to install providing the following criteria are met:
 - a. The portable emissions unit is equipped with the best available control technology for such a portable emissions unit.
 - b. The portable emissions unit is operating pursuant to a currently effective permit to operate.
 - c. The applicant has provided proper notice of intent to relocate the portable emissions unit to the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) within a minimum of thirty days prior to the scheduled relocation.
 - d. In the Director's judgement (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed location(s)), the proposal site is acceptable under OAC rule 3745-15-07.
2. Alternatively, 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 permit to install providing the following criteria of OAC rule 3745-31-05(F) are met:
 - a. The portable emissions unit permittee possesses a currently effective permit to install, permit to operate, or registration status issued by Ohio EPA.
 - b. The portable emissions unit is equipped with best available technology.
 - c. The portable emissions 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

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Allied

PTI A

Issued: 6/21/00

Emissions Unit ID: **P001**

approval or equivalent declaration that it is acceptable to the site owner to move the portable emissions unit to this proposed site.

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

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

3. In order for the Director (the appropriate Ohio EPA District Office or local air agencies with authority over the current and proposed locations) 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, respectively) prior to the relocation of the emissions unit with the Regional Air Pollution Control Agency (RAPCA, 451 West Third Street, Dayton, OH 45422) and the appropriate District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, RAPCA and/or appropriate field offices having jurisdiction over the new site will evaluate the request in accordance with the following criteria.

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

NEW SC

PTI Num

FACILITY

Emissions Unit ID: **P001**

FACILITY DESCRIPTION portable material crushing and screening CITY/TWP Dayton

SIC CODE 3273 SCC CODE 3-05-020-06 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION portable concrete and demolition debris crusher and screening operation, with water spray control

DATE INSTALLED upon issuance of permit

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	attainment	0.39 lb/hour	0.49 TPY	0.39 lb/hour	0.49 TPY
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? Subpart OOO NESHAP? PSD? OFFSET POLICY?

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

Compliance with the applicable rules and specified allowable mass emission rates; water misting during crushing and screening to control fugitive dust; visible emission limitation; record keeping; reporting.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to containinants 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: 08-04181 Facility ID: 0857043204

FACILITY NAME Allied Concrete Products Inc

FACILITY DESCRIPTION portable material crushing. CITY/TWP Dayton

Emissions Unit ID: **P001**

SIC CODE 3273 SCC CODE 2-01-001-02 EMISSIONS UNIT ID P001

EMISSIONS UNIT DESCRIPTION 0.60 mmBtu/hour diesel generator

DATE INSTALLED upon permit issuance

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	attainment	0.310 lb/mmBtu	0.23 TPY	0.310 lb/mmBtu	0.23 TPY
PM ₁₀					
Sulfur Dioxide	attainment	0.17 lb/hour	0.21 TPY	0.17 lb/hour	0.21 TPY
Organic Compounds	attainment	0.22 lb/hour	0.28 TPY	0.22 lb/hour	0.28 TPY
Nitrogen Oxides	attainment	2.65 lbs/hour	3.31 TPY	2.65 lbs/hour	3.31 TPY
Carbon Monoxide	attainment	0.57 lb/hour	0.71 TPY	0.57 lb/hour	0.71 TPY
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

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

BAT is compliance with the applicable rules and specified mass emission limitations; use of diesel fuel; operating hours restriction; record keeping; and reporting.

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? No

OPTIONAL: WHAT IS THE CAPITAL COST OF CONTROL EQUIPMENT? \$ _____

TOXIC AIR CONTAMINANTS

Ohio EPA's air toxics policy applies to containinants 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: _____