



State of Ohio Environmental Protection Agency

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Columbus, OH 43216-1049

**RE: FINAL PERMIT TO INSTALL MODIFICATION
CUYAHOGA COUNTY
Application No: 13-03835**

CERTIFIED MAIL

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

DATE: 1/15/2002

Howard Concrete Pumping, Incorporated
Lynn Crayne
701 Millers Run Road
Cuddy, PA 15031

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

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

CBAPC



FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 13-03835

Application Number: 13-03835
APS Premise Number: 1318598307
Permit Fee: \$0
Name of Facility: Howard Concrete Pumping, Incorporated
Person to Contact: Lynn Crayne
Address: 701 Millers Run Road
Cuddy, PA 15031

Location of proposed air contaminant source(s) [emissions unit(s)]:
18801 South Miles Road
Warrensville Heights, Ohio

Description of proposed emissions unit(s):
3 bin volumetric mixing plant (modification).

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

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 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 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

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. 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 source(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**

<u>Pollutant</u>	<u>Tons Per Year</u>
PE (F001)	7.49
PE (P901)	0.27

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 - Unpaved roadways	OAC rule 3745-31-05(A)(3)	<p>There shall be no visible emissions from any unpaved roadway or unpaved parking area except for a period of time not to exceed three minutes during any sixty-minute observation period.</p> <p>The permittee shall employ 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> <p>Particulate emissions shall not exceed 7.49 TPY.</p>
	OAC rule 3745-17-07(B)(5)	<p>The visible emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).</p>
	OAC rule 3745-17-08(B)	<p>The control requirements in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).</p>

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 roadways at the facility

unpaved parking areas:

all unpaved parking areas at the facility

- 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 treat the unpaved roadways and parking areas with water at sufficient treatment frequencies to ensure compliance. 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 by flushing. Any unpaved roadway or parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to a visible emission limitation of no visible particulate emissions except for one minute during any sixty-minute observation period.
- 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 best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

none

C. Monitoring and/or Recordkeeping 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>
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all unpaved roadways	daily
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<u>unpaved parking areas</u>	<u>minimum inspection frequency</u>
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all unpaved parking areas	daily
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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 measure(s);
 - c. the dates the control measure(s) were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) were implemented and 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 4.d. 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 (exceedance) 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. Compliance with the emission limitations specified in section A.1. of these terms and conditions shall be determined by the following methods:
 - a. 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.
 - b. Emission Limitation:
Particulate emissions shall not exceed 7.49 TPY.

Applicable Compliance Method:

Compliance with the above annual particulate emission limitation shall be determined by the following equation from AP-42, Chapter 13.2.2 (Unpaved Roads), Fifth Edition, dated 9/1998:

$$E = k \times (S/15) \times (s/12)^{0.8} \times (W/3)^{0.5} \times [(365-p)/365] / (M/2)^{0.4} \times VMT \times (1/2,000) \times (1-CE)$$

where:

E = annual particulate emission rate;

k = constant, 10;

S = mean vehicular speed, 4 mph;

s = silt content, 4.8 % for road and 7.1% for storage pile area;

W = mean vehicular weight, 29 tons for trucks and 15 tons for loader;

p = number of days with at least 0.1 inches of precipitation per year, 150;

Howard Concrete Pumping, Incorporated

PTI Application: 13-03835

Modification Issued: 1/15/2002

Facility ID: 1318598307

Emissions Unit ID: F001

M = moisture content of road material, 0.03 (worst case);

VMT = vehicular miles traveled per year, 839 for front-end loader and 219 for trucks;
and

CE = fractional control efficiency, 50% (assumed)

F. Miscellaneous Requirements

none

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>
P901 - 3 bin volumetric mixing plant (modification)	OAC rule 3745-31-05(A)(3)	0.03 gr/dscf and 0.17 TPY of particulate emissions Visible particulate emissions from any stack associated with this emissions unit shall not exceed 0 % opacity, as a six-minute average. see Section A.2.a and A.2.b
	OAC rule 3745-17-11(B)(1)	The emissions limitation specified by this rule is less stringent than the emissions limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)	The visible emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).
Fugitive emissions from material handling operations including: stock pile to front end loader, front end loading into elevated bin, under-pile gravity load-out to conveyor, conveyor to mixer	OAC rule 3745-31-05(A)(3)	Visible particulate emissions of fugitive dust shall not exceed 10 % opacity, as a three-minute average. Particulate emissions shall not exceed 0.1 TPY. The permittee shall employ best available control measures that are sufficient to minimize or eliminate

	<p>visible emissions of fugitive dust (see Section A.2.e through A.2.g).</p> <p>see Section A.2.c and A.2.d</p>
<p>OAC rule 3745-17-07(B)</p>	<p>The visible emission limitation in this rule is less stringent than that established pursuant to OAC rule 3745-31-05(A)(3).</p>
<p>OAC rule 3745-17-08(B)</p>	<p>The control requirements in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).</p>

2. Additional Terms and Conditions

- 2.a** The silo shall be adequately enclosed and vented to baghouse. The enclosure shall be sufficient to eliminate visible emissions of fugitive dust.
- 2.b** Cement shall be transferred pneumatically to storage. The pneumatic system shall be adequately enclosed and the enclosure shall be sufficient to eliminate visible particulate emissions of fugitive dust at all times.
- 2.c** All sand and aggregate transferred to any elevated storage bin shall contain sufficient moisture so as to minimize or eliminate visible particulate emissions of fugitive dust.
- 2.d** During the loading of the storage bins, the drop height of the front-end loader shall be minimized in order to minimize or eliminate visible particulate emissions of fugitive dust.
- 2.e** The permittee shall employ best available control measures for material handling operation(s) 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 perform the following control measure(s) to ensure compliance:

<u>material handling operation(s)</u>	<u>control measure(s)</u>
all material handling operations	water

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

- 2.f** For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control

measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

- 2.g** Implementation of the above-mentioned control measure(s) 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 Recordkeeping Requirements

1. The permittee shall perform daily checks while the emissions unit is in operation and when the weather conditions allow for any visible particulate emissions from the stack serving this emissions unit (while loading cement) and for any visible fugitive dust emissions from this emissions unit. The presence or absence of any particulate emissions shall be noted in an operations log. If visible particulate emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. the cause of the visible emissions;
 - c. the total duration of any visible emission incident; and
 - d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit semi-annual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit or any visible fugitive dust emissions were observed from this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year and shall cover the previous six-month period.

E. Testing Requirements

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

- a. Emission Limitation:
Visible particulate emissions from any stack associated with this emissions unit shall not exceed 0 % opacity, as a six-minute average.

Applicable Compliance Method:

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

- b. Emission Limitation:
0.03 gr/dscf and 0.17 TPY of particulate emissions

Applicable Compliance Method:

Compliance with the above yearly particulate emission limitation shall be determined using the following equation:

$$E = (0.03 \text{ gr/dscf}) \times A \times (1/7000 \text{ gr}) \times (60 \text{ min/hr})$$

where:

E = annual particulate emission rate (TPY); and

A = inlet gas flow of baghouse, 675 acfm;

- c. Emission Limitation:
Particulate emissions shall not exceed 0.1 TPY for material handling operations.

Applicable Compliance Method:

Compliance with the above yearly particulate emission limitation shall be determined by the following equation for aggregate handling in AP-42, Chapter 13.2.4 (Aggregate Handling and Storage Piles), Fifth Edition, dated 1/95:

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

where:

E = annual particulate emission rate (TPY);

k = particle size multiplier (dimensionless), 0.74 for PE;

U = mean wind speed, 10.3 mph;

M = material moisture content, 10% for fly ash, 6% for sand and gravel; and

P = maximum hourly process rate, in tons/hr, 812 tons/yr for fly ash, 2,654.4 tons/yr for sand, 2,88.8 tons/yr of gravel.

- d. Emission Limitation:
Visible particulate emissions of fugitive dust shall not exceed 10 % opacity, as a three-minute average.

Applicable Compliance Method:

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

F. Miscellaneous Requirements

1. Notice to Relocate a Portable or Mobile Emissions Unit

Pursuant to 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 operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site within a minimum of thirty days prior to the scheduled relocation; and
- d. in the appropriate Ohio EPA District Office's or local air agency's judgement, the proposed site is acceptable under OAC rule 3745-15-07.

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 permittee of the portable emissions unit possesses an effective 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 OAC Chapter 3745-47, 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; and
- g. the portable emissions unit owner has provided Ohio EPA with fifteen days written notice of the relocation.

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

In order for the appropriate Ohio EPA District Office or local air agency 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 appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site. Upon receipt of the notice, the appropriate Ohio EPA District Office or local air agency having jurisdiction over the new site, will evaluate the request in accordance with the above criteria.

NEW SOURCE REVIEW FORM B

PTI Number: 13-03835 Facility ID: 1318598307

FACILITY NAME Howard Concrete Pumping, Incorporated

FACILITY DESCRIPTION Portable three bin volumetric mixing plant - P901 CITY/TWP Warrensville Heights

SIC CODE 3272 SCC CODE 3-05-025-99 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Unpaved roadways

DATE INSTALLED 6/01

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			2.81		7.49
PM ₁₀			0.74		
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? n/a NESHAP? n/a PSD? n/a OFFSET POLICY? n/a

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

There shall be no visible emissions from any unpaved roadway or unpaved parking area except for a period of time not to exceed three minutes during any sixty-minute observation period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust. Particulate emissions shall not exceed 7.49 TPY.

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 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: 13-03835

Facility ID: 1318598307

FACILITY NAME Howard Concrete Pumping, IncorporatedFACILITY DESCRIPTION Portable three bin volumetric mixing plant - P901 CITY/TWP Warrensville HeightsSIC CODE 3272 SCC CODE 3-05-007-18 EMISSIONS UNIT ID P901EMISSIONS UNIT DESCRIPTION 3 bin volumetric mixing plant (modification)DATE INSTALLED 6/01

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		0.00034	0.0015 0.0076	0.03 gr/dscf	0.17 0.1
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? n/a

NESHAP? n/a

PSD? n/a

OFFSET POLICY? n/a

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

0.03 gr/dscf and 0.17 TPY of particulate emissions. Visible particulate emissions from any stack associated with this emissions unit shall not exceed 0 % opacity, as a six-minute average. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust.

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 contaminants for which the American Conference of Governmental Industrial Hygienists (ACGIH) has a listed threshold limit value.

AIR TOXICS MODELING PERFORMED*?

YESX

NO

IDENTIFY THE AIR CONTAMINANTS:

Ohio EPA Permit to Install Information Form Please describe below any documentation which is being submitted with this recommendation (must be sent the same day). Electronic items should be submitted with the e-mail transmitting the PTI terms, and in software that CO can utilize. If mailing any hard copy, this section must be printed as a cover page. All items must be clearly labeled indicating the PTI name and number. Submit **hard copy items to Pam McGraner**, AQM&P, DAPC, Central Office, and electronic files to **airpti@epa.state.oh.us**

NEW SOURCE REVIEW FORM B

PTI Number: 13-03835

Facility ID: 1318598307

FACILITY NAME Howard Concrete Pumping, Incorporated

FACILITY DESCRIPTION Portable three bin volumetric mixing plant - P901 CITY/TWP Warrensville Heights

<i>Please fill out the following. If the checkbox does not work, replace it with an 'X'</i>	<u>Electronic</u>	<u>Additional information File Name Convention (your PTI # plus this letter)</u>	<u>Hard Copy</u>	<u>None</u>
<u>Calculations (required)</u>	<input checked="" type="checkbox"/>	1303835c.wpd	<input type="checkbox"/>	
<u>Modeling form/results</u>	<input type="checkbox"/>	0000000s.wpd	<input type="checkbox"/>	<input type="checkbox"/>
<u>PTI Application (complete or partial)*</u>	<input type="checkbox"/>	0000000a.wpd	<input type="checkbox"/>	<input type="checkbox"/>
<u>BAT Study</u>	<input type="checkbox"/>	0000000b.wpd	<input type="checkbox"/>	<input type="checkbox"/>
<u>Other/misc.</u>	<input type="checkbox"/>	0000000t.wpd	<input type="checkbox"/>	<input type="checkbox"/>

* Mandatory for netting, PSD, nonattainment NSR, 112(g), 21-07(G)(9)(g) and 21-09(U)(2)(f) - 2 complete copies.

Please complete (see comment bubble to the left for additional instructions):

NSR Discussion

NONE

Please complete for these type permits (For PSD/NSR Permit, place mouse over this text):

Synthetic Minor Determination and/or **Netting Determination**
 Permit To Install **ENTER PTI NUMBER HERE**

- A. Source Description
- B. Facility Emissions and Attainment Status
- C. Source Emissions
- D. Conclusion

PLEASE PROVIDE ADDITIONAL NOTES OR COMMENTS AS NECESSARY:

NONE

Please complete:

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

<u>Pollutant</u>	<u>Tons Per Year</u>
PE (F001)	7.49
PE (P901)	0.27

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