



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL CERTIFIED MAIL
MARION 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: 03-13586

DATE: 4/19/2001

Hensel Ready Mix
Rodney Hensel
9925 C.R. 265
Kenton, OH 43326

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

NWDO



Permit To Install

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

FINAL PERMIT TO INSTALL 03-13586

Application Number: 03-13586
APS Premise Number: 0351000092
Permit Fee: **\$2400**
Name of Facility: Hensel Ready Mix
Person to Contact: Rodney Hensel
Address: 9925 C.R. 265
Kenton, OH 43326

Location of proposed air contaminant source(s) [emissions unit(s)]:
5390 Marion-Marysville Road
Prospect, Ohio

Description of proposed emissions unit(s):
F001 (Unpaved Roadways and Parking areas), F002 (Sand and Aggregate Storage Piles), P901 (Cement Unloading/Aggregate Transfer to Bins/Silos), and P902 (Weigh Hopper Loading and Concrete Truck Mix).

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

Hensel Ready Mix
PTI Application: 03-13586
Issued: 4/19/2001

Facility ID: 0351000092

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

Hensel Ready Mix
PTI Application: 03-13586
Issued: 4/19/2001

Facility ID: 0351000092

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

Hensel Ready Mix
PTI Application: 03-13586
Issued: 4/19/2001

Facility ID: 0351000092

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

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.

Hensel Ready Mix
PTI Application: 03-13586
Issued: 4/19/2001

Facility ID: 0351000092

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	14.87

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 and Parking areas.	OAC rule 3745-31-05 (A)(3)	11.20 tons particulate emissions (PE)/yr no visible particulate emissions except for three minutes during any 60-minute period best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c through A.2.h)
	OAC rule 3745-17-08 (B)	See A.2.a.
	OAC rule 3745-17-07 (B)	See A.2.a.

2. Additional Terms and Conditions

- 2.a The unpaved roadways and parking areas are associated with the portable concrete batching plant, emission units P901 & P902 permitted under facility ID 0351000092. The emission limitation of 11.20 TPY fugitive PE represents the maximum emissions which will be emitted from the roadways and parking areas for any proposed site for relocation of the portable concrete batching plant.

The roadways and parking areas are associated with a portable source and are applicable to the requirements of OAC Rule 3745-17-07 (B) and 3745-17-08 (B) when located in a "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and

Emissions Unit ID: **F001**

control requirements established by OAC rules 3745-17-07 (B) and 3745-17-08 (B) are equivalent or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

- 2.b** The unpaved roadways/parking areas that are covered by this permit and subject to the above-mentioned requirements are listed
- i. 0.35 mile (20,000 square feet) roadway/parking area specified as truck routes in the PTI application.
 - ii. 0.10 mile (5,000 square feet) roadway/parking area specified as loader routes in the PTI application.
- 2.c** 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.d** 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.e** Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled using water. 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 60-minute period.
- 2.f** 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

4. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;
 - b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - c. the dates the control measures were implemented; and
 - d. on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

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

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
11.20 tons PE/yr

Applicable Compliance Method:

This emission limitation was developed by applying a 50% control efficiency for dust suppression to a maximum potential uncontrolled emission rate of 22.37 TPY PE. The maximum potential uncontrolled emission rate was calculated using AP-42 emission factors from Chapter 13.2.2 (9/98). Compliance shall be demonstrated through the monitoring and recordkeeping requirements in Section C of this permit.

b. Emission Limitation Method:

There shall be no visible particulate emissions from any unpaved roadway except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

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

12

Hensel Ready Mix
PTI Application: 02 12596
Issued

Facility ID: 0351000092

Emissions Unit ID: F001

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>
F002 - Sand and Aggregate Storage Piles.	OAC rule 3745-31-05 (A)(3)	0.36 ton particulate emissions (PE)/yr
Load -in and Load-out of Storage Piles (See Section A.2.a for identification of storage piles)	OAC rule 3745-31-05 (A)(3)	No visible emissions except for a period of time not to exceed one minute during any 60-minute observation period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See A.2.c through A.2.f.)
Wind Erosion from Storage Piles (See Section A.2.a for identification of storage piles)	OAC rule 3745-31-05 (A)(3)	No visible emissions except for 3 minutes during any 60-minute period. Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See A.2.c. through A.2.g.)
	OAC rule 3745-17-08 (B)	See A.2.a.
	OAC rule 3745-17-07 (B)	See A.2.a.

2. Additional Terms and Conditions

- 2.a** The sand and aggregate storage piles are associated with the portable concrete batching plant, emission units P901 & P902 permitted under facility ID 0351000092. The emission limitation of 0.36 TPY fugitive PE represents the maximum emissions which will be emitted from the storage piles for any proposed site for relocation of the portable concrete batching plant.

The storage piles are associated with a portable source and are applicable to the requirements of OAC Rule 3745-17-07 (B) and 3745-17-08 (B) when located in a "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07 (B) and 3745-17-08 (B) are equivalent or less stringent than the requirements established pursuant to OAC rule 3745-31-05(A)(3).

- 2.b** The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:

storage pile identification:

sand
aggregate

- 2.c** The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the storage piles with the following methods in order to ensure compliance:

- i. watering at sufficient treatment frequencies

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

- 2.d** The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.

Emissions Unit ID: **F002**

2.e The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee’s permit application, the permittee has committed to treat the storage piles with the following methods in order to ensure compliance:

- i. watering at sufficient treatment frequencies

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

2.f The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile 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.

2.g Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 (A)(3).

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

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

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

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

<u>storage pile identification</u>	<u>minimum load-out inspection frequency</u>
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- c. the dates the control measures were implemented; and
- d. on a calendar quarter basis, the total number of days the control measures were implemented and, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

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

D. Reporting Requirements

1. The permittee shall submit deviation reports in accordance with the general terms and conditions of this permit 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 in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 - a. Emission Limitation:
0.36 ton PE/yr

Applicable Compliance Method:

This emission limitation was developed by applying a 50% control efficiency for dust suppression to a maximum potential uncontrolled emission rate of 0.6 TPY PE. The maximum potential uncontrolled emission rate was calculated using AP-42 emission

Hensel Ready Mix
PTI Application: 02 12506
Issued

Facility ID: 0351000092

Emissions Unit ID: **F002**

factors from Table 11.12-2 (10/86) and Section 13.2.4 (1/95). Compliance shall be demonstrated through the monitoring and recordkeeping requirements specified in Section C of this permit.

b. Emission Limitation:

There shall be no visible particulate emissions from the load-in and load-out operations of the storage piles except for a period of time not to exceed one minute during any 60-minute observation period.

Applicable Compliance Method:

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

c. Emission Limitation:

There shall be no visible particulate emissions from wind erosion of the storage piles except for a period of time not to exceed 3 minutes during any 60-minute observation period.

Applicable Compliance Method:

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

F. Miscellaneous Requirements

None

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>	
P901 -Cement Unloading/Sand and Aggregate Transfer to Bins/Silos.	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-17-07(B) OAC rule 3745-17-08(B)
	OAC rule 3745-17-11 (B)(1)	
	OAC rule 3745-17-11 (B)(2)	
	OAC rule 3745-17-07 (A)	

Applicable Emissions
Limitations/Control Measures

Control Requirements:

See A.2.d.

Stack Emissions:

0.01 lb particulate emissions
(PE)/hr

0.004 ton PE/yr

20 percent opacity as a six-minute
average

Fugitive Emissions:

2.30 ton PE/yr

20 percent opacity as a
three-minute average

best available control measures that
are sufficient to minimize or
eliminate visible emissions of
fugitive dust

(See A.2.d. and A.2.f.)

See A.2.a.

See A.2.b.

See A.2.a. and A.2.b.

See A.2.c.

See A.2.c.

2. Additional Terms and Conditions

2.a This emissions unit is a portable source and is subject to the requirements of OAC rule 3745-17-11 (B)(1) and OAC rule 3745-17-07 (A) when located in a county specified in OAC rule 3745-17-11 (B)(1). The emission limitations established by OAC rule 3745-17-11 (B)(1) and 3745-17-07 (A) are less stringent or equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).

2.b The uncontrolled mass rate of particulate emissions (PE) from this emissions unit is less than 10 pounds per hour. Therefore, pursuant to OAC rule 3745-17-11 (A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply when the emissions unit is located in a county specified in OAC rule 3745-17-11 (B)(2).

In accordance with OAC rule 3745-17-07 (A)(1)(h), the visible particulate emission limitations specified in OAC rule 3745-17-07 (A) are not applicable because OAC rule 3745-17-11 is not applicable to this emissions unit.

2.c This emissions unit is a portable source and is subject to the requirements of OAC rule 3745-17-07(B) and 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07(B) and 3745-17-08(B) are less stringent or equivalent to the requirements established pursuant to OAC rule 3745-31-05(A)(3).

When the emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.d "Best Available Technology" (BAT) control requirements for emissions unit P901 has been determined to be the following:

- i. Use of a baghouse for pneumatic unloading of cement. The baghouse shall achieve a 99.9% removal efficiency (100% capture).
- ii. Best available Control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See 2.A.f)

2.e The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust. In accordance with the permittee's permit application, the permittee has committed to minimize drop height for sand and aggregate transfer by belt

conveyor to bins.

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

- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 (A)(3).

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.5 to 5 inches of water while the emissions unit is in operation.
2. The maximum concrete production for the concrete batch plant shall not exceed 200,000 tons per year.
3. This facility shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form at least 30 days prior to any planned relocation of this source, in accordance with OAC rule 3745-31-03(A)(1)(p). Approval of the planned relocation must be obtained from NWDO prior to the relocation. The "Notice of Intent to Relocate a Portable or Mobile Source" shall include all associated emission units such as Roadways/Parking Areas and Storage Piles.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.
2. The permittee shall collect and record the following information each month:
 - a. The total tons per month of concrete produced
 - b. The annual, year to date tons of concrete produced (summation of C.2.a, for each calendar month to date from January to December).
3. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance

with the following minimum frequencies:

<u>material handling operation(s)</u>	<u>minimum inspection frequency</u>
Sand and Aggregate Transfer to Bins	daily

4. The above-mentioned inspections shall be performed during representative, normal operating conditions.
5. 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.
6. The permittee shall maintain records of the following information:
 - a. the date and reason any required inspection was not performed;
 - 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) was (were) implemented; and
 - d. on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in 4.d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports in accordance with the general terms and conditions of this permit that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
2. The permittee shall submit annual deviation (excursion) reports which identify any exceedances in the maximum concrete production of 200,000 tons per year. If no deviations occurred during the calendar year, the permittee shall submit an annual report which states that no deviations occurred during the calendar year. These reports shall be submitted by January 31 of each year and shall

cover the previous calendar year.

3. The permittee shall submit deviation reports in accordance with the general terms and conditions of this permit, that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation: Stack Emissions
0.01 lb PE/hr

Applicable Compliance Method:

The permittee shall demonstrate compliance with this emission limitation by multiplying the maximum hourly cement unloading throughput (35 tons/hr) by the appropriate emission factor from AP-42 Chapter 11.12-2, (10/86 - reformatted 1/95) (0.27 lb PE/ton), dividing by 2000 lbs/ton and applying a 99.9% baghouse control efficiency. If required testing shall be performed in accordance with 40 CFR Part 60 Appendix A Method-5.

- b. Emission Limitation: Stack Emissions
0.004 ton PE/yr

Applicable Compliance Method:

The permittee shall demonstrate compliance with this emission limitation by multiplying the maximum yearly cement unloading throughput (29,000 tons/yr based on a maximum concrete production rate of 200,000 tons per year) by the appropriate emission factor from AP-42 Chapter 11.12-2 (10/86 - reformatted 01/95), (0.27 lb PE/ton), dividing by 2000 lbs/ton and applying a 99.9% baghouse control efficiency. The permittee shall demonstrate compliance by the monitoring and recordkeeping of the concrete production in Section C.2.

- c. Emission Limitation: Stack Emissions
20% opacity as a six-minute average

Applicable Compliance Method:

40 CFR Part 60, Appendix A-Method 9

- d. Emission Limitation: Fugitive Emissions
2.30 ton PE/yr

Applicable Compliance Method:

The emission limitation was established by combining the annual fugitive emissions from aggregate and sand transfer, based on a maximum concrete production rate of 200,000 tons per year where:

The maximum annual aggregate transfer (87,391 tons/yr) multiplied by the appropriate emission factor from AP-42 Chapter 11.12.2, (10/86 - reformatted 1/95), (0.029 lb PE/ton) and divided by 2000 lbs/ton.

The maximum annual sand transfer (71,161 tons/yr) multiplied by the appropriate emission factor from AP-42 Chapter 11.12-2, (10/86 - reformatted 1/95), (0.029 lb PE/ton) and divided by 2000 lbs/ton.

The permittee shall demonstrate compliance by the monitoring and recordkeeping of the concrete production in Section C.2.

- e. Emission Limitation: Fugitive Emissions
20% opacity as a three-minute average.

Applicable Compliance Method:

40 CFR Part 60, Appendix A-Method 9

F. Miscellaneous Requirements

None

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>	
P902 - Weigh Hopper Loading and Concrete Truck Loading/Mixing.	OAC rule 3745-31-05 (A)(3)	OAC rule 3745-17-07(B) OAC rule 3745-17-08(B)
	OAC rule 3745-17-11 (B)(1)	
	OAC rule 3745-17-11 (B)(2)	
	OAC rule 3745-17-07 (A)	

Hense

PTI A

Issued: 4/19/2001

Emissions Unit ID: **P902**

Applicable Emissions
Limitations/Control Measures

Control Requirements:

See A.2.d

Stack Emissions:

0.01 lb particulate emissions
(PE)/hr

0.004 ton PE/yr

20 percent opacity as a six-minute
average

Fugitive Emissions:

1.0 ton PE/yr

20 percent opacity as a
three-minute average

best available control measures that
are sufficient to minimize or
eliminate visible emissions of
fugitive dust

(See A.2.d and A.2.f)

See A.2.a.

See A.2.b

See A.2.a. and A.2.b.

See A.2.c.

See A.2.c.

2. Additional Terms and Conditions

2.a This emissions unit is a portable source and is subject to the requirements of OAC rule 3745-17-11 (B)(1) and OAC rule 3745-17-07 (A) when located in a county specified in OAC rule 3745-17-11 (B)(1). The emission limitations established by OAC rule 3745-17-11 (B)(1) and 3745-17-07 (A) are less stringent or equivalent to the requirements established pursuant to OAC rule 3745-17-11 (B)(1) and 3745-17-07 (A).

2.b The uncontrolled mass rate of particulate emissions (PE) from this emissions unit is less than 10 pounds per hour. Therefore, pursuant to OAC rule 3745-17-11 (A)(2)(a)(ii), Figure II of OAC rule 3745-17-11 does not apply when the emissions unit is located in a county specified in OAC rule 3745-17-11 (B)(2).

In accordance with OAC rule 3745-17-07 (A)(1)(h), the visible particulate emission limitations specified in OAC rule 3745-17-07 (A) are not applicable because OAC rule 3745-17-11 is not applicable to this emissions unit.

2.c This emissions unit is a portable source and is subject to the requirements of OAC rule 3745-17-07(B) and 3745-17-08(B) when located in an "Appendix A" area as identified in OAC rule 3745-17-08. The emission limitations and control requirements established by OAC rules 3745-17-07(B) and 3745-17-08(B) are less stringent or equivalent to the requirements established pursuant to OAC rule 3745-31-05.

When the emissions unit is not located within an "Appendix A" area as identified in OAC rule 3745-17-08, this emission unit is exempt from the requirements of OAC rule 3745-17-08(B) pursuant to OAC rule 3745-17-08(A) and is exempt from the visible particulate emission limitations specified in OAC rule 3745-17-07 (B)(1) pursuant to OAC rule 3745-17-07(B)(11)(e).

2.d "Best Available Technology" (BAT) control requirements for emissions unit P902 has been determined to be the following:

- i. Use of a baghouse for weigh hopper loading of cement. The baghouse shall achieve a 99.9% removal efficiency (100% capture).
- ii. Best available Control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See 2.A.f).

2.e The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust. In accordance with the permittee's permit application, the

Emissions Unit ID: **P902**

permittee has committed to perform the following control measures(s) to ensure compliance:

- i. Concrete Truck Loading/Mixing:
use of charging boot

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

- 2.f** Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05 (A)(3).

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 0.5 to 5 inches of water while the emissions unit is in operation.
2. The maximum concrete production for the concrete batch plant shall not exceed 200,000 tons per year.
3. This facility shall submit a "Notice of Intent to Relocate a Portable or Mobile Source" form at least 30 days prior to any planned relocation of this source, in accordance with OAC rule 3745-31-03(A)(1)(p). Approval of the planned relocation must be obtained from NWDO prior to the relocation. The "Notice of Intent to Relocate a Portable or Mobile Source" shall include all associated emission units such as Roadways/Parking Areas, and Storage Piles.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a weekly basis.
2. The permittee shall collect and record the following information each month:
 - a. The total tons per month of concrete produced
 - b. The annual, year to date tons of concrete produced (summation of C.2.a, for each calendar month to date from January to December).

3. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

<u>material handling operation(s)</u>	<u>minimum inspection frequency</u>
Concrete Truck Loading/Mixing	daily

4. The above-mentioned inspections shall be performed during representative, normal operating conditions.
5. 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.
6. The permittee shall maintain records of the following information:
- the date and reason any required inspection was not performed;
 - the date of each inspection where it was determined by the permittee that it was necessary to implement the control measure(s);
 - the dates the control measure(s) was (were) implemented; and
 - on a calendar quarter basis, the total number of days the control measure(s) was (were) implemented.

The information in 4.d. shall be kept separately for each material handling operation identified above, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

- The permittee shall submit pressure drop deviation (excursion) reports in accordance with the general terms and conditions of this permit that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
- The permittee shall submit annual deviation (excursion) reports which identify any exceedances in

Emissions Unit ID: **P902**

the maximum concrete production of 200,000 tons per year. If no deviations occurred during the calendar year, the permittee shall submit an annual report which states that no deviations occurred during the calendar year. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

3. The permittee shall submit deviation reports in accordance with the general terms and conditions of this permit that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency; and
 - b. each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:

- a. Emission Limitation: Stack Emissions
0.01 lb PE/hr

Applicable Compliance Method:

The permittee shall demonstrate compliance with this emission limitation by multiplying the maximum hourly Weigh Hopper Loading (28 tons/hr) by the appropriate emission factor from AP-42 Chapter 11.12-2, (10/86 - reformatted 1/95), (0.27 lb PE/ton), dividing by 2000 lbs/ton and applying a 99.9% baghouse control efficiency. If required testing shall be performed in accordance with 40 CFR Part 60 Appendix A-Method 5.

- b. Emission Limitation: Stack Emissions
0.004 ton PE/yr

Applicable Compliance Method:

The permittee shall demonstrate compliance with this emission limitation by multiplying the maximum yearly Weigh Hopper Loading (28,165 tons/yr based on a maximum concrete production rate of 200,000 tons per year) by the appropriate emission factor from AP-42 Chapter 11.12-2, (10/86 - reformatted 1/95), (0.27 lb PE/ton), dividing by 2000 lbs/ton, and applying a 99.9% baghouse control efficiency. The permittee shall demonstrate compliance by the monitoring and recordkeeping of the concrete production

in Section C.2.

- c. Emission Limitation: Stack Emissions
20% opacity as a six-minute average

Applicable Compliance Method:
40 CFR Part 60, Appendix A-Method 9

- d. Emission Limitation: Fugitive Emissions
1.0 ton PE/yr

Applicable Compliance Method:
The emission limitation was established by multiplying the maximum concrete production rate of 200,000 tons per year by the appropriate emission factor from AP-42 Chapter 11.12-2 (10/86 - reformatted 1/95), (0.02 lb PE/ton), dividing by 2000 lbs/ton, and applying a 50% control efficiency for use of a charging boot. The permittee shall demonstrate compliance by the monitoring and recordkeeping of the concrete production in Section C.2.

- e. Emission Limitation: Fugitive Emissions
20% opacity as a three-minute average

Applicable Compliance Method:
40 CFR Part 60, Appendix A-Method 9

F. Miscellaneous Requirements

None

NEW SOURCE REVIEW FORM B

PTI Number: 03-13586

Facility ID: 0351000092

FACILITY NAME Hensel Ready Mix

FACILITY DESCRIPTION F001 (Unpaved Roadways and Parking CITY/TWP Prospect

Emissions Unit ID: P902

Hopper Loading and Concrete Truck Mix).

SIC CODE 3273 SCC CODE 3-05-011-99 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Unpaved Roadways and Parking Areas

DATE INSTALLED March 2001

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		11.2		11.2
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NO

NESHAP? NO

PSD? NO

OFFSET POLICY? NO

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

Enter Determination Compliance with the terms and conditions of this permit

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: 03-13586 Facility ID: 0351000092

FACILITY NAME Hensel Ready Mix

FACILITY DESCRIPTION F001 (Unnaved Roadways and Parking CITY/TWP Prospect

Emissions Unit ID: P902

Hopper Loading and Concrete Truck Mix).

SIC CODE 3273 SCC CODE 3-05-011-99 EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION Aggregate Storage Piles.

DATE INSTALLED March 2001

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		0.36		0.36
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NO NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Enter Determination Compliance with the terms and conditions of this permit

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: 03-13586

Facility ID: 0351000092

FACILITY NAME Hensel Ready Mix

FACILITY DESCRIPTION F001 (Unnaved Roadways and Parking CITY/TWP Prospect

Emissions Unit ID: **P902**

Hopper Loading and Concrete Truck Mix).

SIC CODE 3273 SCC CODE 3-05-011-99 EMISSIONS UNIT ID P901

EMISSIONS UNIT DESCRIPTION Cement Unloading and Aggregate Transfer to Bins/Silos.

DATE INSTALLED March 2001

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	fugitive stack 0.01 lb/hr	fugitive 2.3 stack 0.004	fugitive stack 0.01 lb/hr	fugitive 2.3 stack 0.004
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NO

NESHAP? NO

PSD? NO

OFFSET POLICY? NO

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

Enter Determination Compliance with the terms and conditions of this permit

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:

PTI Num

FACILITY

Emissions Unit ID: **P902**

FACILITY DESCRIPTION F001 (Unpaved Roadways and Parking areas), F002 (Sand and Aggregate Storage Piles), P901 (Cement Unloading/Aggregate Transfer to Bins/Silos), and P902 (Weigh Hopper Loading and Concrete Truck Mix).

CITY/TWP Prospect

SIC CODE 3273 SCC CODE 3-05-011-99 EMISSIONS UNIT ID P902

EMISSIONS UNIT DESCRIPTION Weigh Hopper and Truck Loading/Mixing.

DATE INSTALLED March 2001

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	fugitive stack 0.01 lb/hr	fugitive 1 stack 0.004	fugitive stack 0.01 lb/hr	fugitive 1 stack 0.004
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NO NESHAP? NO PSD? NO OFFSET POLICY? NO

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

Enter Determination Compliance with the terms and conditions of this permit

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: _____