



State of Ohio Environmental Protection Agency

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

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 06-06991**

**DATE:** 10/8/2002

Martin Block Co.  
Richard Coriell  
290 Twin Oaks Dr.  
Jackson, OH 45640

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

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

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

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

Very truly yours,

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

cc: USEPA

SEDO



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**Permit To Install  
Terms and Conditions**

**Issue Date: 10/8/2002  
Effective Date: 10/8/2002**

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**FINAL PERMIT TO INSTALL 06-06991**

Application Number: 06-06991  
APS Premise Number: 0640010107  
Permit Fee: **\$150**  
Name of Facility: Martin Block Co.  
Person to Contact: Richard Coriell  
Address: 290 Twin Oaks Dr.  
Jackson, OH 45640

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**290 Twin Oaks Dr.  
Jackson, Ohio**

Description of proposed emissions unit(s):  
**20 TPH Central-mix Concrete Block Plant.**

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

**Martin Block Co.**  
**PTI Application: 06-06991**  
**Issued: 10/8/2002**

**Facility ID: 0640010107**

## **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 Record keeping Requirements**

The permittee shall submit required reports in the following manner:

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

#### **3. Records Retention Requirements**

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

#### **4. Inspections and Information Requests**

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

**Martin Block Co.**  
**PTI Application: 06-06991**  
**Issued: 10/8/2002**

**Facility ID: 0640010107**

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

**Martin Block Co.**  
**PTI Application: 06-06991**  
**Issued: 10/8/2002**

**Facility ID: 0640010107**

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.

**Martin Block Co.**  
**PTI Application: 06-06991**  
**Issued: 10/8/2002**

**Facility ID: 0640010107**

**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	4.3

**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 - Roadways and Parking Areas	OAC rule 3745-31-05(A)(3)	<p>No visible particulate emissions except for 3 minutes during any 60-minute period on unpaved areas and 1 minute during any 60-minute period on paved areas;</p> <p>Particulate emissions shall not exceed 3.81 tons/yr;</p> <p>Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b through A.2.g);</p>
	OAC rule 3745-17-07 (B)(4) & (5)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B), (B)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

## 2. Additional Terms and Conditions

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

All Paved and Unpaved Roadways and Parking Areas including the Block storage area

- 2.b The permittee shall employ best available control measures on all unpaved roadways 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 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 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, 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 appropriate dust control measures for paved surfaces. Any unpaved roadway that takes the characteristics of a paved roadway due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways. Any unpaved roadway 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.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.

**Martin Block Co.**  
**PTI Application: 06 06001**  
**Issued**

**Facility ID: 0640010107**

Emissions Unit ID: **F001**

- 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 Record keeping Requirements**

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

All Paved and Unpaved Roadways and Parking Areas including the Block storage area:

minimum inspection frequency: Weekly

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 that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
4. The permittee shall maintain records of the following information:
- a. The date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

- b. The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
- c. The dates the control measures were implemented.

#### **D. Reporting Requirements**

1. The permittee shall submit semi-annual deviation (excursion) reports that identify any of the following occurrences:
  - a. Each instance when 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.

The reports shall be submitted on:

- i. July 15 and shall cover the period from January 1 until June 30 for each calendar year.
- ii. January 15 and shall cover the period from July 1 until December 31 for each calendar year.

If no deviations (excursions) are observed during a given period, the permittee shall submit a report which states that no deviations (excursions) occurred during that period. (These reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### **E. Testing Requirements**

1. Emission Limitation:

No visible particulate emissions except for 3 minutes during any 60-minute period on unpaved areas and 1 minute during any 60-minute period on paved areas.

Compliance Method:

Compliance with the emission limitation for the roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in

40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

**2. Emission Limitation:**

Particulate emissions shall not exceed 3.81 tons/yr

Compliance Method:

Compliance with the TPY emission limitation shall be demonstrated by the following one time calculations using emission factors from AP 42, Compilation of Air Pollutant Emission Factors, Chapter 13.2.2-3 (9/98).

$$E = k (s/12)^a (W/3)^b (M/0.2)^c$$

Where

$$E = \text{lb PE/VMT}$$

$$k = 10$$

$$s = \text{Surface material silt content (8.3\%)(1.2 - 35)}$$

$$a = 0.8$$

$$W = \text{Mean vehicle weight (10.82 tons from applicant-supplied data)}$$

$$b = 0.5$$

$$c = 0.4$$

$$M = 0.2 \% \text{ surface material moisture content (0.03 - 20)}$$

$$E = 14.14 \text{ lbs/VMT}$$

$$\text{Total VMT} = 3590 \text{ miles}$$

$$\text{VMT} * E = (3590 \text{ VMT/yr}) (14.14 \text{ lb/VMT}) = 25.39 \text{ TPY}$$

$$\text{Control efficiency for water} = 85\%$$

$$\text{Controlled emissions} = 3.81 \text{ tons PE/yr}$$

**F. Miscellaneous Requirements**

None

12

**Martin Block Co.**  
**PTI Application: 06 06001**  
**Issued**

**Facility ID: 0640010107**

**Emissions Unit ID: F001**

**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>
P901 - 20 TPH Central-mix Concrete Block Plant vented to a fabric filter	OAC rule 3745-31-05(A)(3)	The fabric filter shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions (PE) per dry standard cubic foot of exhaust gases and no visible emissions from the exhaust stack.
		Total particulate emissions shall not exceed 0.48 ton per year.
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1).
		See A.2.a, b, and c
	OAC rule 3745-17-07 (B)(1)	20 % opacity as a three minute average for fugitive emissions during any 60-minute period
	OAC rule 3745-17-07 (A) OAC rule 3745-17-08 (B) OAC rule 3745-17-11	The emission limitations specified by these rules are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

## **2. Additional Terms and Conditions**

- 2.a** The permittee shall employ best available control measures on the central mix concrete plant for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's application, the permittee shall maintain enclosures and vent emissions to a fabric filter baghouse and/or filter sock to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing additional measures to ensure compliance.
- 2.b** Cement shall be transferred pneumatically to storage. The pneumatic system shall be adequately enclosed so as to eliminate at all times visible emissions of fugitive dust. Any visible emission of cement from the delivery vehicle shall be cause for the halt of the unloading process until the situation is corrected.
- 2.c** 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 Record keeping Requirements**

- 1.** The permittee shall perform daily checks while the equipment is in operation for any visible emissions from the fabric filter exhaust, or any visible fugitive emissions from the central mix plant. The presence or absence of any visible emissions from the fabric filter exhaust, and/or the central mix plant shall be noted in an operations log. If any visible emissions are observed, corrective actions shall be taken to eliminate the visible emissions and these actions shall also be noted in the operations log.

## **D. Reporting Requirements**

- 1.** The permittee shall also submit semi-annual deviation (excursion) reports which (a) identify all days during which any visible emissions were observed from the central mix plant and silo fabric filter exhaust and (b) describe the corrective actions taken to eliminate the visible emissions.

The reports shall be submitted on:

- a. July 15 and shall cover the period from January 1 until June 30 for each calendar year.
- b. January 15 and shall cover the period from July 1 until December 31 for each calendar year.

If no visible emissions are observed during a given period, the permittee shall submit a report which states that no visible emissions were observed during that period. (These reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

#### **E. Testing Requirements**

1. Compliance with the emission limitations identified in A.1. above shall be determined in accordance with the following methods:

- a. Emission Limitation:

The fabric filter shall achieve an outlet emission rate of not greater than 0.030 grain of particulate emissions (PE) per dry standard cubic foot of exhaust gases and no visible emissions from the exhaust stack.

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be determined by stack testing per OAC rule 3745-17-03(B)(7).

Compliance with the no visible emission limit from the exhaust of the fabric filter shall be based upon the monitoring / recordkeeping requirements outlined in Section A.II.C.2 noted above.

- b. Emission Limitation:

Total particulate emissions shall not exceed 0.48 ton per year

Compliance Determination:

Compliance with the tons per year emission limitation shall be demonstrated by the following one time calculations using emission factors from AP 42, Compilation of Air

**Martin Block Co.**  
**PTI Application: 06 06001**  
**Issued**

**Facility ID: 0640010107**

Emissions Unit ID: **P901**

Pollutant Emission Factors, Chapter 11, Table 11.12-3 (issued10/01). Average material composition of concrete from AP 42 is: Aggregate 37 %, Sand 37 %, Cement 13 %, Cement Supplement 2% and approximately 20 gallons of water.

$20 \text{ tons/hr} \times 0.011 \text{ lb/yd}^3 \times 8760 \text{ hrs/yr} / 2000 \text{ lbs/ton} / 2.01 \text{ tons/yd}^3 = 0.48 \text{ ton per year}$

Total allowable emissions - 0.48 ton per year

- c. Emission Limitation:  
Visible emissions of fugitive dust shall not exceed 20 % opacity as a three minute average.

Compliance Method:

Compliance with the above visible fugitive emission limit shall be determined using Test Method 9, if required.

**F. Miscellaneous Requirements**

None

**NEW SOURCE REVIEW FORM B**

PTI Number: 06-06991 Facility ID: 0640010107

FACILITY NAME Martin Block Co.

FACILITY DESCRIPTION 20 TPH Central-mix Concrete Block Plant. CITY/TWP Jackson

Emissions Unit ID: P901

SIC CODE 3271 SCC CODE \_\_\_\_\_ EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION Roadways and Parking Areas

DATE INSTALLED 5/93

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	na	3.81	na	3.81
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES: na

NSPS? NESHAP? PSD? OFFSET POLICY?

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

Enter Determination :good housekeeping practices , use of dust suppressants

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? na

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

**TOXIC AIR CONTAMINANTS**

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

AIR TOXICS MODELING PERFORMED\*? \_\_\_\_\_ YES x NO

IDENTIFY THE AIR CONTAMINANTS: na

**18 NEW SOURCE REVIEW FORM B**

PTI Number: 06-06991 Facility ID: 0640010107

FACILITY NAME Martin Block Co.

FACILITY DESCRIPTION 20 TPH Central-mix Concrete Block Plant. CITY/TWP Jackson

Emissions Unit ID: **P901**

SIC CODE 3271 SCC CODE 30501106-9 EMISSIONS UNIT ID P901

EMISSIONS UNIT DESCRIPTION 20 TPH Central-mix Concrete Block Plant

DATE INSTALLED 5/93

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	0.030 gr/dscf	0.48	0.030 gr/dscf	0.48
PM <sub>10</sub>					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

NSPS? na NESHAP? PSD? OFFSET POLICY?

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

Enter Determination fabric filter

IS THIS SOURCE SUBJECT TO THE AIR TOXICS POLICY? na

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

**TOXIC AIR CONTAMINANTS**

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

AIR TOXICS MODELING PERFORMED\*? YES NO x

IDENTIFY THE AIR CONTAMINANTS: