



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL
MONTGOMERY 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: 08-04288

DATE: 8/21/2001

Martin Marietta Materials Inc-Indi Port
Katherine Hanna
4770 Duke Dr Ste 200
Mason, OH 45040

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

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

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

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

Very truly yours,

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

cc: USEPA

RAPCA



**Permit To Install
Terms and Conditions**

**Issue Date: 8/21/2001
Effective Date: 8/21/2001**

FINAL PERMIT TO INSTALL 08-04288

Application Number: 08-04288
APS Premise Number: 0857043164
Permit Fee: **\$3200**
Name of Facility: Martin Marietta Materials Inc-Indi Port
Person to Contact: Katherine Hanna
Address: 4770 Duke Dr Ste 200
Mason, OH 45040

Location of proposed air contaminant source(s) [emissions unit(s)]:
**3300 Jackson Pike
Grove City, Ohio**

Description of proposed emissions unit(s):
Ch 31 modification of PTI 08-3956 issued April 14, 1999 to increase the hourly production rate.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

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

representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions 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 Marietta Materials Inc-Indi Port
PTI Application: 08-04288
Issued: 8/21/2001

Facility ID: 0857043164

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.

6

Martin Marietta Materials Inc-Indi Port

PTI Application: 08-04288

Issued: 8/21/2001

Facility ID: 0857043164

Martin Marietta Materials Inc-Indi Port
PTI Application: 08-04288
Issued: 8/21/2001

Facility ID: 0857043164

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

<u>Pollutant</u>	<u>Tons Per Year</u>
Particulates	1.18
Nitrogen Oxides	21.72
Carbon Monoxide	5.78
Sulfur Dioxide	3.42
Organic Compounds	0.610

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>
B001 - 455 KW (1.55 mmBtu/hr) diesel generator; portable emissions unit.	OAC rule 3745-31-05(A)(3)	4.96 lbs/hr and 21.72 TPY Nitrogen Oxides; (NOx)
*Modification		1.32 lbs/hr and 5.78 TPY Carbon Monoxide; (CO)
		0.14 lb/hr and 0.61 TPY Organic Compounds; (OC)
		3.42 TPY Sulfur Dioxide; (SO2)
		0.44 TPY Particulate emissions (PM)
		The requirements of this rule also include compliance with the requirements of OAC rule 3745-18-06 (G) and 3745-17-11 (B)(5)(b).
		10% opacity, as a 6-minute average
	OAC rule 3745-18-06 (G)	Sulfur dioxide emissions shall not exceed 0.5 lbs SO2/mmBtu of actual heat input.
	OAC rule 3745-17-11 (B)(5)(b)	Particulate emissions shall not exceed 0.062lb particulates/mmBtu of actual heat input.
	OAC rule 3745-17-07(A)	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 hourly and annual emission limitations were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than distillate fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in emissions unit B001.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports to the Director (the appropriate Ohio EPA District Office or local air agency) that identify each day when a fuel other than distillate fuel oil was burned in emissions unit B001. The deviation reports shall be submitted in accordance with the General Terms & Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in this permit for emissions unit B001 shall be determined in accordance with the following method(s):
- a. Emission Limitation-
4.96 lbs/hr NO_x

Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-1 of 3.2 lb NO_x/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.55 mmBtu/hr.
 - b. Emission Limitation-
21.72 TPY NO_x

Applicable Compliance Method-

As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

- c. Emission Limitation-
1.32 lbs/hr CO
- Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-1 of 0.85 lb CO/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.55 mmBtu/hr.
- d. Emission Limitation-
5.78 TPY CO
- Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).
- e. Emission Limitation-
0.5 lb/mmBtu SO₂
- Applicable Compliance Method-
Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition, (10/96), Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-1 of 0.505 lb.SO₂/mmBtu. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in Method 6 of 40 CFR Part 60, Appendix A.
- f. Emission Limitation-
3.42 TPY SO₂
- Applicable Compliance Method-
As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).
- g. Emission Limitation-
0.14 lb/hr OC

Applicable Compliance Method-

Compliance shall be based upon the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-1 of 0.09 lb OC/mmBtu multiplied by the maximum rated capacity of the diesel engine of 1.55 mmBtu/hr.

- h. Emission Limitation-
0.61 TPY OC

Applicable Compliance Method-

As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton).

- i. Emission Limitation-
0.062 lb particulate/mmBtu actual heat input

Compliance shall be based on the emission factor for diesel fuel engines given in AP-42, Fifth Edition (10/96), Compilation of Air Pollution Emission Factors, Section 3.4, Table 3.4-2 of 0.0620 lb PM/mmBtu. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

- j. Emission Limitation-
0.44 TPY particulate emissions

Applicable Compliance Method-

As long as compliance is maintained with the hourly emission limitation, compliance with the annual emission limitation will be shown (the annual emission limitation was calculated by multiplying the hourly limitation by the maximum annual operating schedule of 8,760 hours/year and then dividing by 2,000 lbs/ton)

- k. Emission Limitation-
10% opacity, as a 6-minute average

Applicable Compliance Method-

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

F. Miscellaneous Requirements

Notice to Relocate a Portable or Mobile Source

Martin**PTI A****Issued: 8/21/2001**Emissions Unit ID: **B001**

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a permit to install (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 Director (the appropriate Ohio EPA District Office and/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 Director's (the appropriate Ohio EPA District Office and/or local air agency) judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been preapproved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:
 - a. the permittee has applied for and obtained a site approval for the new site from the Director;
 - b. the site approval is current and effective;
 - c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
 - d. the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.
3. *This is a modification of PTI 08-3956 issued 4-14-99 and it represents the following emission rate increases: 13.98 TPY NO_x; 3.72 TPY CO; 0.28 TPY PM; 2.2 TPY SO₂ and 0.39 TPY

Martin Marietta Materials Inc-Indi Port
PTI Application: 08 04288
Issued

Facility ID: 0857043164

Emissions Unit ID: B001

OC.

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>	OAC rule 3745-17-08(B)
F001 - 350 TPH Portable Primary Impact Crusher, emissions unit.	OAC rule 3745-31-05(A)(3)	
*Modification	NSPS 40 CFR Part 60, Subpart OOO OAC rule 3745-17-11(B)	
	OAC rule 3745-17-07(B)(1)	

Martin**PTI A****Issued: 8/21/2001**Emissions Unit ID: **F001**

Applicable Emissions
Limitations/Control Measures

0.25 lb/hr and 0.16 TPY
particulates

The requirements of this rule also include compliance with the requirements of NSPS Subpart OOO.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1) and 3745-17-08(B) (See section A.2.b).

15% opacity, as a 6-minute average.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)

The visible emission fugitive dust shall not exceed 20% opacity, as a 3-minute average (See section A.2.b).

Reasonably available control measures, (RACM). (See section A.2.b. and A.2.c.)

2. Additional Terms and Conditions

- 2.a** The hourly emission limitation was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits.
- 2.b** The rule is applicable only when the emission unit is located in an Appendix A area, as specified in OAC 3745-17-08.
- 2.c** The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point(s), so that compliance with opacity requirement(s) specified above is continuously maintained

B. Operational Restrictions

- 1. The maximum annual production rate for this facility shall not exceed 450,000 tons.

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.
- 2. The permittee shall conduct visible emission evaluations at a minimum annually or upon relocation of the emissions unit. The VE evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 1 hour at a minimum (ten 6-minute averages and, if applicable, twenty 3-minute averages)

D. Reporting Requirements

- 1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
- 2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA DO or laa) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emission limitations in this permit for emissions unit F001 shall be determined in accordance with the following method(s):

- a. Emission Limitation-
0.25 lb/hr particulates

Applicable Compliance Method-

Compliance shall be determined by multiplying the maximum hourly production rate of 350 tons/hour by the emission factor of 0.00070 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).

- b. Emission Limitation-
0.16 TPY particulates

Applicable Compliance Method-

Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.00070 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.

- c. Emission Limitation-
15% opacity, as a 6-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

- d. Emission Limitation-
20% opacity, as a 3-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

Notice to Relocate a Portable or Mobile Source

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a permit to install (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 Director (the appropriate Ohio EPA District Office and/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 Director's (the appropriate Ohio EPA District Office and /or local air agency judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR
2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been preapproved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:
 - a. the permittee has applied for and obtained a site approval for the new site from the Director;
 - b. the site approval is current and effective;
 - c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
 - d. the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the

20

Marti

PTI A

Issued: 8/21/2001

Emissions Unit ID: **F001**

relocation.

3. *This is a modification of PTI 08-3956 issued 4-14-99 and it represents the following emission rate increase: 0.04 lbs/hr PM.

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>	
F002 - 350 TPH Portable Screening emissions unit	OAC rule 3745-31-05(A)(3)	OAC rule 3745-17-08(B)
*Modification	NSPS 40 CFR Part 60, Subpart OOO	
	OAC rule 3745-17-11(B)	
	OAC rule 3745-17-07(B)(1)	

Martin Marietta Materials Inc-Indi Port
PTI Application: 08 01288
Issued

Facility ID: 0857043164

Emissions Unit ID: F002

Applicable Emissions
Limitations/Control Measures

0.62 lb/hr and 0.40 TPY
particulates

The requirements of this rule also include compliance with the requirements of NSPS Subpart OOO.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B)(1) and 3745-17-08(B) (See A.2.b).

10% opacity, as a 6-minute average.

The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3)

The visible emission fugitive dust shall not exceed 20% opacity, as a 3-minute average (See section A.2.b).

Reasonably available control measures, (RACM) (See section A.2.b. and A.2.c).

2. Additional Terms and Conditions

- 2.a** The hourly emission limitation was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b** The rule is applicable only when the emission unit is located in an Appendix A area, as specified in OAC 3745-17-08.
- 2.c** The aggregate materials processed through these conveyors shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyors and transfer points, so that compliance with the opacity requirement(s) specified above is continuously maintained.

B. Operational Restrictions

- 1. The maximum annual production rate for this facility shall not exceed 450,000 tons.

C. Monitoring and/or Recordkeeping Requirements

- 1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.
- 2. The permittee shall conduct visible emission evaluations at a minimum annually or upon relocation of the emissions unit. The VE evaluations shall be performed during the period of May 1 through September 30. The duration of the Method 9 observations shall be 1 hour at a minimum (ten 6-minute averages and, if applicable, twenty 3-minute averages)

D. Reporting Requirements

- 1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for this facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
- 2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA DO or laa) within 30 days after the exceedance occurs.

E. Testing Requirements

1. Compliance with the emission limitations in this permit for emissions unit F002 shall be determined in accordance with the following method(s):

- a. Emission Limitation-
0.62 lb/hr particulates

Applicable Compliance Method-

Compliance shall be determined by multiplying the maximum hourly production rate of 350 tons/hour by the emission factor of $(2.1)(0.00084) = 0.001764$ lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).

- b. Emission Limitation-
0.40 TPY particulates

Applicable Compliance Method

Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, and then multiplying the sum by the emission factor of 0.001764 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.

- c. Emission Limitation-
10% opacity, as a 6-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

- d. Emission Limitation-
20% opacity, as a 3-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

Notice to Relocate a Portable or Mobile Source

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a permit to install (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 Director (the appropriate Ohio EPA District Office and/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 Director's (the appropriate Ohio EPA District Office and/or local air agency judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been preapproved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:
 - a. the permittee has applied for and obtained a site approval for the new site from the Director;
 - b. the site approval is current and effective;
 - c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
 - d. the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.
3. *This is a modification of PTI 08-3956 issued 4-14-99 and it represents the following emission

26

Marti

PTI A

Issued: 8/21/2001

Emissions Unit ID: **F002**

rate increase: 0.09 lbs/hr PM.

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>
F003 - Material Handling; 8-350 TPH conveyors, portable emissions unit.	OAC rule 3745-31-05(A)(3)
*Modification	NSPS 40 CFR Part 60, Subpart OOO
	OAC rule 3745-17-11 (B)
	OAC rule 3745-17-07 (B)(1)
	OAC rule 3745-17-08 (B)

Applicable Emissions
Limitations/Control Measures

0.28 lb/hr and 0.18 TPY
particulates

10% opacity, from any transfer
point as a 6 minute-average.

The emission limitation specified by
this rule is less stringent than the
emission limitation established
pursuant to OAC rule 3745-31-05
(A)(3).

The visible emissions of fugitive
dust shall not exceed 20% opacity
as a 3- minute average. (See
section A.2.b.)

Reasonably available control
measures (RACM). See section
A.2.b and A.2.c.

2. Additional Terms and Conditions

- 2.a The hourly emission limitation was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
- 2.b The rule is applicable only when the emission unit is located in an Appendix A area, as specified in OAC 3745-17-08.
- 2.c The aggregate materials processed through these conveyors shall have a moisture content

sufficient to minimize or eliminate visible emissions of fugitive dust from the conveyors and transfer points, so that compliance with the opacity requirement(s) specified above is continuously maintained.

B. Operational Restrictions

1. The maximum annual production rate for this facility shall not exceed 450,000 tons.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.

D. Reporting Requirements

1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for this facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in this permit for emissions unit F003 shall be determined in accordance with the following method(s):

- a. Emission Limitation-
0.28 lb/hr particulates

Applicable Compliance Method-

Compliance shall be determined by multiplying the maximum hourly production rates of each 350 tons/hour conveyor by the emission factor of $(2.1)(4.8 \text{ E-}5) = 1.008 \text{ E-}4 \text{ lb/ton}$, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95), and summing the emission rates for eight conveyors.

- b. Emission Limitation-
0.18 TPY particulates

Applicable Compliance Method-

Compliance shall be based upon the record keeping specified in section C.1., summing the 12 monthly production records for the calendar year, multiplying by 8 (for the eight

Emissions Unit ID: **F003**

conveyors), and then multiplying the result by the emission factor of 1.008 E-4 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton

- c. Emission Limitation-
10% opacity, as a 6-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

- d. Emission Limitation-
20% opacity, as a 3-minute average

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Reference Method 9.

F. Miscellaneous Requirements

Notice to Relocate a Portable or Mobile Source

1. Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a permit to install (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 Director (the appropriate Ohio EPA District Office and/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 Director's (the appropriate Ohio EPA District Office and/or local air agency judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

2. Under OAC rule 3745-31-05(F), portable or mobile emission sources may relocate to sites that have been preapproved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:
 - a. the permittee has applied for and obtained a site approval for the new site from the Director;
 - b. the site approval is current and effective;
 - c. the permittee has complied with all of the conditions and restrictions contained in the site approval; and
 - d. the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.

3. *This is a modification of PTI 08-3956 issued 4-14-99 and it represents the following emission rate increase: 0.04 lbs/hr PM.

NEW SOURCE REVIEW FORM B

PTI Number: 08-04288 Facility ID: 0857043164

FACILITY NAME Martin Marietta Materials Inc-Indi Porta

FACILITY DESCRIPTION Ch 31 modification of PTI 08-3956 issued April 14, 1999 to increase the hourly production rate. CITY/TWP Grove City
 crushed, broken, limestone, sand, gravel and minerals, ground or treated

SIC CODE 3295 SCC CODE 2-02-004-01 EMISSIONS UNIT ID B001

EMISSIONS UNIT DESCRIPTION 455 KW (1.55 mmBtu/hr) diesel generator; portable emissions unit.

DATE INSTALLED When PTI is issued.

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	0.10 lbs/hr	0.44 TPY	0.10 lbs/hr	0.44 TPY
PM ₁₀	Attainment				
Sulfur Dioxide	Attainment	0.78 lbs/hr	3.42 TPY	0.78 lbs/hr	3.42 TPY
Organic Compounds	Attainment	0.14 lbs/hr	0.61 TPY	0.14 lbs/hr	0.61 TPY
Nitrogen Oxides	Attainment	4.96 lbs/hr	21.72 TPY	4.96 lbs/hr	21.72 TPY
Carbon Monoxide	Attainment	1.32 lbs/hr	5.78 TPY	1.32 lbs/hr	5.78 TPY
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? NESHAP? PSD? OFFSET POLICY?

WHAT IS THE BAT DETERMINATION, AND WHAT IS THE BASIS FOR THE DETERMINATION?
Enter Determination BAT is compliant with specified OAC rules and allowable emission limitations, record keeping and reporting requirements.

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: 08-04288

Facility ID: 0857043164

FACILITY NAME Martin Marietta Materials Inc-Indi Porta

FACILITY DESCRIPTION Ch 31 modification of PTI 08-3956 issued CITY/TWP Grove City
 crushed,
 sand, gra
 ground o

Emissions Unit ID: **F003**

SIC CODE 3295 SCC CODE 3-05-020-01 EMISSIONS UNIT ID F001

EMISSIONS UNIT DESCRIPTION 350 TPH Portable Primary Impact Crusher, emissions unit.

DATE INSTALLED When PTI is issued.

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	0.25 lbs/hr	0.16 TPY	0.25 lb/hr	0.16 TPY
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? **Subpart OOO**

NESHAP?

PSD?

OFFSET POLICY?

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

Enter Determination BAT is compliant with specified OAC rules and allowable emission limitations, NSPS, the RACM method, record keeping and reporting requirements.

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: 08-04288

Facility ID: 0857043164

FACILITY NAME Martin Marietta Materials Inc-Indi Porta

FACILITY DESCRIPTION Ch 31 modification of PTI 08-3956 issued CITY/TWP Grove City

crushed,

sand, gra

ground o

Emissions Unit ID: F003

SIC CODE 3295

SCC CODE 3-05-020-02-03

EMISSIONS UNIT ID F002

EMISSIONS UNIT DESCRIPTION 350 TPH Portable Screening emissions unit

DATE INSTALLED When PTI is issued.

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	0.62 lbs/hr	0.40 TPY	0.62 lbs/hr	0.40 TPY
PM ₁₀					
Sulfur Dioxide					
Organic Compounds					
Nitrogen Oxides					
Carbon Monoxide					
Lead					
Other: Air Toxics					

APPLICABLE FEDERAL RULES:

NSPS? **Subpart OOO**

NESHAP?

PSD?

OFFSET POLICY?

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

Enter Determination BAT is compliant with specified OAC rules and allowable emission limitations, NSPS, the RACM method, record keeping and reporting requirements.

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: _____

