State of Ohio Environmental Protection Agency

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

Street Address:
122 S. Front Street

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

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 08-04794
Fac ID: 0829710085
DATE: 11/30/2006

Martin Marietta Materials Inc-Xenia
Patrick Montgomery
4770 Duke Dr Ste 200
Mason, OH 450407500

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 of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 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. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of $70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

Sincerely,

Michael W. Ahern

Michael W. Ahern, Manager
Permit Issuance and Data Management Section
Division of Air Pollution Control

CC: **USEPA** **RAPCA**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 11/30/2006**
Terms and Conditions	**Effective Date: 11/30/2006**

FINAL PERMIT TO INSTALL 08-04794

Application Number:	08-04794
Facility ID:	0829710085
Permit Fee:	**$900**
Name of Facility:	Martin Marietta Materials Inc-Xenia
Person to Contact:	Patrick Montgomery
Address:	4770 Duke Dr Ste 200 Mason, OH 450407500

Location of proposed air contaminant source(s) [emissions unit(s)]:
1337 Dayton-Xenia Rd
Xenia, **Ohio**

Description of proposed emissions unit(s):
chapter 31 modification replacing PTI 08-04063 issued 9/10/99 to add new equipment (Hoper, Belt Feeder, and a Belt Conveyor).

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

Joseph P. Koncelik

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

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 (i.e., postmarked) quarterly by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon

the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

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 ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

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

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

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

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

Pollutant	Tons Per Year
particulate emissions	12.58

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.

Operations, Property, and/or Equipment - (F001) - aggregate processing modification post 08/03/06

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	The particulate emissions (PE) from this emissions unit shall not exceed 6.29 lbs/hr and 12.58 tons/yr. The visible PE of fugitive dust shall not exceed 15% opacity, as a 6-minute average from the crushers (not subject to NSPS). The visible PE of fugitive dust shall not exceed 10% opacity, as a 6-minute average from any unsaturated screens, conveyors and transfer points (not subject to NSPS). The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart 000. The permittee shall utilize best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (See sections A.2.c through A.2.e).
NSPS 40 CFR Part 60, Subpart OOO	The visible PE of fugitive dust shall not exceed 15% opacity, as a 6-minute average from the crushers. The visible PE of fugitive dust shall not exceed 10% opacity, as a 6-minute average from any unsaturated screens, conveyors and transfer points. There shall be no visible PE from all saturated equipment except crushers.
OAC rule 3745-17-07(B)	See A.2.a.
OAC rule 3745-17-08(B)	See A.2.a.

2. Additional Terms and Conditions

2.a This emissions facility is exempt from the requirements of OAC rule 3745-17-07 and OAC rule 3745-17-08 because the emissions unit is located in an area not identified in Appendix A of OAC rule 3745-17-08.

2.b The hourly emission limitation was established using the maximum throughput for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

2.c The permittee shall employ best available control measures on the crushers, screens, conveyors and transfer points 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 crushers, screens, conveyors and transfer points with water at sufficient 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 a crushers, screens, conveyors and transfer points 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.e 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.

B. Operational Restrictions

None

C. Monitoring and/or Record keeping Requirements

1. Except as otherwise provided in this section, the permittee shall preform daily inspections of the crushers, screens, conveyors and transfer points.

2. No inspections shall be necessary when the crushers, screens, conveyors and transfer

points is covered with snow and/or ice 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 purpose of the inspection is to determine the need for implementing the above-mentioned control measures specified in this permit for crushers, screens, conveyors and transfer points. The inspections shall be performed during representative, normal crushing, screening, conveying and transfer points operating conditions.

4. The permittee may, upon receipt of written approval from the Regional Air Pollution Control Agency (RAPCA), 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.

5. 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 measure(s).

   The information required in 5.d. shall be kept 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 quarterly 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. These quarterly deviation (excursion) reports shall be submitted to the Director (RAPCA) by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviation occurred during a calendar quarter, the permittee shall submit a report which states that no deviation occurred during the calendar quarter.

3. The permittee shall submit the following information for each piece of equipment that is replaced having the same function as the existing facility:

a. for a crusher, grinding mill, bucket elevator, bagging operation, storage bin, enclosed truck or railcar loading station:

i. the rated capacity in tons or tons per hour of the existing facility being replaced, and

ii. the rated capacity in tons or tons per hour of the replacement equipment.

b. for a conveyor belt:

i. the width of the existing conveyor belt being replaced, and

ii. the width of the replacement conveyor belt.

c. for a screening operation:

i. the total surface area of the top screen of the existing screening operation being replaced, and

ii. the total surface area of the top screen of the replacement, screening operation.

d. The permittee shall submit the date of manufacture of each existing facility being replaced and the date of manufacture of the replacement equipment.

The notification shall be submitted 30 days (or as soon as practicable) before

construction of the replacement equipment is commenced.

4. The permittee shall report within 30 days, any change in the saturated or unsaturated nature of the material being processed in the screens and conveyors. The affected emissions unit is then subject to the provisions of the standard applicable to the type of material being processed.

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-
   The fugitive PE from this emissions unit shall not exceed 6.29 lbs/hr.

   Applicable Compliance Method-
   Compliance shall be determined by summing the maximum hourly emission rates for the crushers, screens, conveying and the transfer points. (See i. through iii. below)

      i. The maximum hourly emission rate for the crushing equipment was determined by multiplying the maximum hourly production rate of each crusher by the emission factor of 0.0012 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04) and summing the emissions rates for the crushing equipment.

      ii. The maximum hourly emission rate for the screens were determined by multiplying the maximum hourly production rate of each screen by the emission factor of 0.0022 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04) and summing the emissions rates for the screens.

      iii. The maximum hourly emission rate for the conveying and material handling equipment was determined by multiplying the maximum hourly production rates of each piece of material handling equipment by the emission factor of 0.00014 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04), and summing the emission rates for each piece of equipment.

   b. Emission Limitation-
   The fugitive particulate emissions (PE) from this emissions unit shall not exceed 12.58 tons/yr.

Applicable Compliance Method-
Compliance shall be determined by summing the annual emission rates for the crushers, screens, conveying and material handling equipment. (See i. through iii. below)

i. The annual emission rate for the crushing equipment was determined by multiplying the annual throughput of each crusher, by the emission factor 0.0012 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04), and dividing by 2,000 pounds per ton.

ii. The annual emission rate for the screens were determined by multiplying the annual throughput of each screen, by the emission factor 0.0022 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04), and dividing by 2,000 pounds per ton.

iii. The annual emission rate for the conveying and material handling equipment was determined by multiplying the annual throughput of each material handling equipment, by the emission factor 0.00014 lb PM/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (08/04), and dividing by 2,000 pounds per ton.

c. Emission Limitation-
The visible PE of fugitive dust shall not exceed 15% opacity, as a 6-minute average from the crushers.

Applicable Compliance Method-
Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9.

d. Emission Limitation-
The visible PE of fugitive dust shall not exceed 10% opacity, as a 6-minute average from any unsaturated screens and transfer points.

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.

e. Emission Limitation-
There shall be no visible PE from all saturated equipment except crushers.

Applicable Compliance Method-
Compliance with the visible PE limitation listed 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").

F. Miscellaneous Requirements

1. Terms in this permit supercede those identified in PTI 08-04362 issued 03/12/2002 and represents a 6.73 tons/yr decrease of fugitive particulate emissions.