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PERMITTEE

Martin Marietta Materials, Inc.
3325 Paddocks Parkway, Suite 350
Suwanee, GA 30024

Air Permit No. 0571214-011-AO
Effective Date: March 2, 2018
Renewal Application Due Date: January 1, 2023
Expiration Date: March 2, 2023

Authorized Representative:
Joseph Reilly, President, Southeast Division

Tampa Yard
Hillsborough County, Florida

PROJECT

This is the final air operation permit, which authorizes the aggregate materials handling operation at the Martin Marietta Materials, Inc., Tampa Yard facility (Standard Industrial Classification No. 5032 – Brick, Stone and Related Construction Materials). This project is to renew the operating permit. The facility is located in Hillsborough County at 4101 Maritime Boulevard, Tampa, FL 33605. The UTM coordinates are Zone 17-358.50 kilometers (km) East and 3087.50 km North.

This final permit is organized into the following sections: Section 1 (General Information); Section 2 (Administrative Requirements); Section 3 (Emissions Unit Specific Conditions); and Section 4 (Appendices). Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

Permitting Authority: Applications for air operation permits are subject to review in accordance with the provisions of Chapter 403, Florida Statutes (F.S.) and Chapters 62-4 and 62-210 of the Florida Administrative Code (F.A.C.). The Permitting Authority responsible for making a permit determination for this project is the Environmental Protection Commission of Hillsborough County. The Permitting Authority's physical and mailing address is: 3629 Queen Palm Dr., Tampa, Florida 33619. The Permitting Authority's telephone number is 813/627-2600.

Petitions. A person whose substantial interests are affected by the proposed decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this notice. Petitions filed by any other person must be filed within 14 days of receipt of this proposed action. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner; the name, address and telephone number

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FINAL AIR OPERATION PERMIT

of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when each petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and, (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

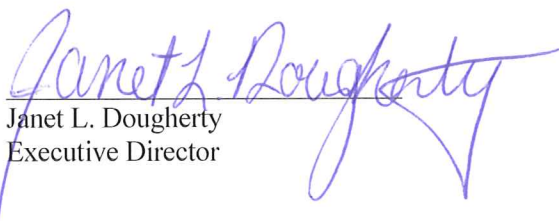
Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation: Mediation is not available in this proceeding.

Effective Date: This permitting decision is final and effective on the date filed with the clerk of the Permitting Authority unless a petition is filed in accordance with the above paragraphs or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition pursuant to Rule 62-110.106, F.A.C., and the petition conforms to the content requirements of Rules 28-106.201 and 28-106.301, F.A.C. Upon timely filing of a petition or a request for extension of time, this action will not be effective until further order of the Permitting Authority.

Judicial Review: Any party to this permitting decision (order) has the right to seek judicial review of it under Section 120.68, F.S., by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Legal Department of the EPC at 3629 Queen Palm Drive, Tampa, Florida 33619, Phone 813-627-2600, Fax 813-627-2602, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within 30 days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida


Janet L. Dougherty
Executive Director

FINAL AIR OPERATION PERMIT

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Air Permit package was sent by electronic mail, or a link to these documents made available electronically on a publicly accessible server, with received receipt requested before the close of business on the date indicated below to the following persons.

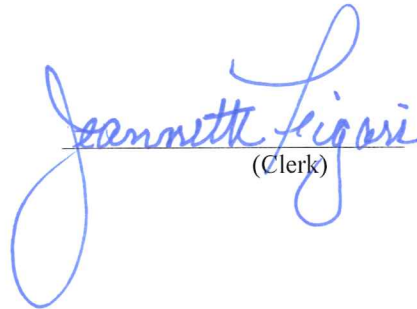
Joseph Reilly - Martin Marietta Materials, Inc. (Joe.Reilly@martinmarietta.com)

Lynn Robinson, P.E. - Montrose Air Quality Services (lrobinson@montrose-env.com)

Eric Welling - Martin Marietta Materials, Inc. (Eric.Welling@martinmarietta.com)

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

 3/2/18
(Clerk) (Date)

SECTION 1. GENERAL INFORMATION

FACILITY DESCRIPTION

Martin Marietta Materials, Inc., Tampa Yard, operates an aggregate materials handling facility at the Martin Marietta's main yard and at the 5-acre site located northwest on Studebaker Drive across from the main yard. Granite and washed limestone are received by barge/ship at Berth 220 and unloaded via ship mounted belt conveyors to the single land-based hopper (Receiving Hopper) at the main yard. When material is directed to the Receiving Hopper, the materials are transferred from the hopper to a fixed conveyor belt (Conveyor No. 1). From Conveyor No. 1, the materials are transferred to a mobile conveyor (Conveyor No. 2), which is a radial stacker that can swing to various areas for stockpiling of products. Conveyor No. 2 can also swing to a point in-line with another fixed conveyor belt (Conveyor No. 3) for transfer of material to Conveyor No. 3. From Conveyor No. 3, the materials are transferred to a second radial stacker (Conveyor No. 4) and then to open stockpiles for storage until the material is ready to be loaded into trucks for shipment offsite. When ready to be shipped offsite, the material is loaded from the various stockpiles into open bed trucks via front-end loaders.

The 5-acre site can be also used for granite and washed limestone handling and storage. The material is unloaded from the shiphold onto a ship conveyor and then directly to the stockpile/ground. No land based stationary equipment is used during the ship offloading process at this site. The material is loaded into trucks for transport off-site by the use of a front-end loader.

In order to minimize particulate matter emissions, each conveyor transfer point is partially enclosed and equipped with water sprays at the transfer drop points. The Receiving Hopper is also equipped with water sprays along the top perimeter of the hopper. Also, a water sprinkler system has been established along the internal roads and along the fence lines to reduce fugitive emissions from truck traffic.

The facility consists of the following emission units (EUs) and emission points (EPs).

Emission Unit (EU)	EU Description
EU 002	Ship Unloading
EU 004	Receiving Hopper to Conveyors/Conveyor Transfers
EU 008	Conveyor to Stockpile
EU 009	Truck Loading

APPLICABLE REGULATIONS

A summary of applicable regulations is shown in the following table.

Regulations	EU No.
<i>State Rule Citations</i>	
Rule 62-296.711, F.A.C., Materials Handling, Sizing, Screening, Crushing and Grinding Operations	002, 004, 008, 009
Chapter 1-3, Rules of the EPC	002, 004, 008, 009

SECTION 1. GENERAL INFORMATION

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility does not operate units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

SECTION 2. ADMINISTRATIVE REQUIREMENTS

FW1. Permitting Authority: The permitting authority for this project is the Environmental Protection Commission of Hillsborough County. The mailing address is 3629 Queen Palm Dr., Tampa, Florida 33619. All documents related to applications for permits to operate an emissions unit shall be submitted to the Environmental Protection Commission of Hillsborough County.

FW2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Environmental Protection Commission of Hillsborough County at: 3629 Queen Palm Dr., Tampa, Florida 33619.

FW3. Appendices: The following Appendices are attached as a part of this permit: Appendix A (Citation Formats and Glossary of Common Terms); Appendix B (General Conditions); Appendix C (Common Conditions); and Appendix D (Common Testing Requirements).

FW4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

FW5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]

FW6. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the EPC. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

FW7. Renewal: Prior to 60 days before the expiration date of this permit, the permittee shall apply for a renewal of the permit. A renewal application shall be timely and sufficient. If the application is submitted prior to 60 days before expiration of the permit, it will be considered timely and sufficient. If the renewal application is submitted at a later date, it will not be considered timely and sufficient unless it is submitted and made complete prior to the expiration of the operation permit. When the application for renewal is timely and sufficient, the existing permit shall remain in effect until the renewal application has been finally acted upon by the Environmental Protection Commission of Hillsborough County. [Rule 62-4.090, F.A.C.]

FW8. At least 15 days prior to the date on which each required emissions test is to begin, the owner or operator shall notify the air compliance program identified by permit, unless shorter notice is agreed to by the appropriate air compliance program. The notification shall include the date, time, place of each such test, Facility ID Number, Emission Unit ID Number(s) and description(s), Emission Point Number(s) and description(s), test method(s), pollutant(s) to be tested, along with the name and telephone number of the person who will be responsible for conducting such test(s) for the owner or operator. If a scheduled emissions test needs to be re-scheduled, the owner or operator shall submit to the appropriate air compliance program a revised notification at least seven days prior to the re-scheduled emissions test date or arrange a re-scheduled test date with the appropriate air compliance program by mutual agreement. [Rule 62-297.310(9), F.A.C.]

FW9. Annual Operating Report (AOR): The information required by the Annual Operating Report for Air Pollutant Emitting Facility (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Environmental Protection Commission of Hillsborough County. All synthetic non-Title V sources shall submit a completed DEP Form 62-210.900(5) unless the annual operating report is

SECTION 2. ADMINISTRATIVE REQUIREMENTS

submitted using the DEP's electronic annual operating report software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. [Rule 62-210.370(3), F.A.C.]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

FW10. When the Environmental Protection Commission of Hillsborough County (EPC) after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rules 62-204, 62-210, 62-212, 62-296, or 62-297, F.A.C., or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the source to conduct compliance tests which identify the nature and quantity of pollutant emissions from the source and to provide a report on the results of said tests to the EPC. [Rule 62-297.310(7)(b), F.A.C.]

FW11. The permittee shall not cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. [Rule 62-296.320(2), F.A.C.]

FW12. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Aggregate Materials Handling Operation

This section of the permit addresses the following emission units and emission points.

Emission Unit (EU)	Emission Point (EP)	EU/EP Description
EU 002		Ship Unloading
	EP 1	Shiphold Conveyor to Ship Loadout Conveyor
	EP 2	Ship Loadout Conveyor to Receiving Hopper (Main Yard)
EU 004		Receiving Hopper to Conveyors/Conveyor Transfers (Main Yard)
	EP 1	Receiving Hopper to Conveyor No. 1
	EP 2	Conveyor No. 1 to Conveyor No. 2
	EP 3	Conveyor No. 2 to Conveyor No. 3
	EP 4	Conveyor No. 3 to Conveyor No. 4
EU 008		Conveyor to Stockpile
	EP 1	Conveyor No. 2 or No. 4 to Stockpile (Main Yard)
	EP 2	Ship Loadout Conveyor to Stockpile (5-Acre Site)
EU 009		Truck Loading
	EP 1	Main Yard
	EP 2	5-Acre Site

A.1. The permittee shall not cause, permit, or allow any visible emissions (five percent opacity) from any emissions unit (EU) / emissions point (EP) listed above. [Rules 62-296.711(2), F.A.C.; Chapter 1-3.52, Rules of the EPC; and Permit Nos. 0571214-005/008-AC]

A.2. The permittee shall not exceed the combined granite and washed limestone throughput of 2,500,000 tons in any twelve consecutive month period. [Rule 62-210.200(Potential to Emit), F.A.C.; and Permit Nos. 0571214-005/008-AC]

A.3. In order to demonstrate compliance with Specific Condition No. A.1., the following transfer and operation rates shall not be exceeded: [Rule 62-4.070, F.A.C.; and Permit Nos. 0571214-005/008-AC]

EU	EP	EU/EP Description	Transfer Rate
EU 002		Ship Unloading	
	EP 1	Shiphold Conveyor to Ship Loadout Conveyor	2,500 (ton/hr)
	EP 2	Ship Loadout Conveyor to Receiving Hopper (Main Yard)	2,500 (ton/hr)
EU 004		Receiving Hopper to Conveyors/Conveyor Transfers (Main Yard)	
	EP 1	Receiving Hopper to Conveyor No. 1	2,500 (ton/hr)
	EP 2	Conveyor No. 1 to Conveyor No. 2	2,500 (ton/hr)
	EP 3	Conveyor No. 2 to Conveyor No. 3	2,500 (ton/hr)
	EP 4	Conveyor No. 3 to Conveyor No. 4	2,500 (ton/hr)
EU 008		Conveyor to Stockpile	
	EP 1	Conveyor No. 2 or No. 4 to Stockpile (Main Yard)	2,500 (ton/hr)
	EP 2	Ship Loadout Conveyor to Stockpile (5-Acre Site)	6,000 (ton/hr)
EU 009		Truck Loading	
	EP 1	Main Yard	1,800 (ton/hr)
	EP 2	5-Acre Site	1,800 (ton/hr)

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Aggregate Materials Handling Operation

A.4. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. The following restrictions and limitations shall apply at all times in order to ensure compliance with Specific Condition No. A.1: [Rules 62-296.320 and 62-4.070(3), F.A.C.; and Permit Nos. 0571214-003/005-AC]

- A) The permittee is authorized to handle various grades (sizes) of granite and washed limestone (concrete stone).
- B) Water sprays shall be properly maintained on the Receiving Hopper and each conveyor transfer point, and be operated, as necessary, during product handling to keep the aggregate adequately wet to meet the opacity limit of Specific Condition No. A.1.
- C) Minimize drop heights (free-fall distance) when handling any materials.
- D) Utilize tarps and/or covers as necessary to prevent visible emissions from the shiphold in excess of 5% opacity, and curtail operations if winds are entraining particulate matter in excess of 5% opacity.
- E) No blowers shall be used in the vessel holds.
- F) Properly maintain all enclosures, coverings, and drop chutes on the conveyors.
- G) Minimize to the greatest extent possible the use of front end loaders and bulldozers for relocating and/or consolidating material piles.
- H) Exercise good housekeeping practices at all times.
- I) Appropriate measures shall be taken to control and prevent materials from entering the waters of Tampa Bay during unloading operations.
- J) Apply water, chemicals or other dust suppressants to unpaved roads, yards, open stockpiles, and similar activities within the facility as necessary to minimize fugitive particulate matter emissions.
- K) Operate and maintain the sprinkler system (SS) as necessary along the internal roads and the facility fence lines to minimize fugitive particulate matter emissions.
- L) Post speed limit signs on the property.
- M) Minimize storage pile heights to the greatest extent possible to minimize fugitive particulate matter emissions.

A.5. Test all the emission units (EUs) and emission points (EPs) associated with the aggregate handling operations for visible emissions at the point of highest opacity once per calendar year (January 1 – December 31). Submit two copies of test data to the Air Compliance Section of the Air Management Division of the Environmental Protection Commission of Hillsborough County within 45 days of such testing. Testing procedures shall be consistent with the requirements of 40 CFR 60 and Rule 62-297, F.A.C. [Rule 62-297.310(7) and (8), F.A.C.]

A.6. Compliance with the visible emission limitations of Specific Condition No. A.1 shall be determined using EPA Method 9 contained in 40 CFR 60, Appendix A and adopted by reference in Rule 62-297, F.A.C. The EPA Method 9 observation period shall be at least thirty (30) minutes in duration. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Rule 62-297, F.A.C. and 40 CFR 60, Appendix A. [Rule 62-297, F.A.C.]

A.7. Testing of emissions shall be conducted with the sources operating at capacity. Capacity is defined as 90-100% of the transfer rates listed in Specific Condition No. A.3. If it is impracticable to test at capacity, then the sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the EPC. Failure to submit the transfer rates and actual operating conditions may invalidate the test. [Rules 62-4.070(3) and 62-297.310(2), F.A.C.]

SECTION 3. EMISSIONS UNIT SPECIFIC CONDITIONS

A. Aggregate Materials Handling Operation

A.8. The permittee shall maintain the facility in compliance with the following Operation and Maintenance Plan. Records of inspections, maintenance and performance data shall be retained for a minimum of three years and shall be made available to the Department upon request. [Rules 62-4.070(3), 62-4.160(14) and 62-296.700, F.A.C., and Permit No. 0571214-005-AC]

Daily

- A) Operate water spray heads on the hopper and conveyors as necessary on any dates that material is being received or transferred by conveyors.
- B) Check aggregate for adequate moisture content at receiving hopper on dates that material is being received from ship.
- C) Operate the sprinkler system (SS) along the internal roads and the facility fence lines as necessary to maintain adequate moisture on the roads and truck loading areas.

Weekly

- A) Inspect roads and other paved surfaces on site, and clean as necessary.
- B) Inspect and maintain the sprinkler system (SS) and the water spray heads at each conveyor drop point and receiving hopper.

Monthly

- A) Maintain vegetation in any non-traffic areas.
- B) Inspect and maintain the conveyors and conveyor drop chutes.

A.9. In order to demonstrate compliance with Specific Condition Nos. A.2, A.3. and A.8, the permittee shall maintain daily records of operations for the most recent three year period. The records shall be made available to the Environmental Protection Commission of Hillsborough County, state or federal air pollution agency upon request. The records shall include, but not limited to, the following: [Rules 62-4.070(3), 62-4.160(14) and 62-296.700, F.A.C.]

- A) Day/Month/Year
- B) Amount and type of material received (tons/day)
- C) Monthly total of each material received (tons)
- D) Rolling twelve (12) month totals of materials received (tons)
- E) Checklist for the Operation and Maintenance Plan

A.10. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- A) Alteration or replacement of any equipment or major component of such equipment.
- B) Installation or addition of any equipment which is a source of air pollution.
- C) Handling any materials other than granite or washed limestone.