



# Florida Department of Environmental Protection

Northeast District  
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Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

## NOTICE OF FINAL TITLE V AIR OPERATION PERMIT REVISION

June 25, 1010

In the Matter of an  
Application for Permit Revision by:

Lafarge North America, Inc.  
886 North, Highway 17  
Palatka, Florida 32177

FINAL Permit Project No.: 1070039-016-AV  
Putnam County

Enclosed is the FINAL Permit, No. 1070039-016-AV, for the Title V Air Operation Revision. The purpose is to incorporate the terms and conditions of the air construction permit, No. 1070039-014-AC, to relocate the existing BMA dust collector (EP014) to the Active Storage Dome & Building. This dust collector will now be referred to as BC-9 Nuisance Dust Collector and it will reduce the dust from the Emergency Live Bottom Feeder Hoppers (EU011), which are located within the Active Storage Dome & Building. This project also adds a new dust collector system (to replace the BMA dust collector) in the FGD active storage area at (EU014) Ball Mills. This permit revision is issued pursuant to Chapter 403, Florida Statutes (F.S.). There **were no** comments received from Region 4, U.S. EPA, regarding the PROPOSED Permit.

Any party to this order (permit revision) has the right to seek judicial review of the permit revision pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; 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 of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

Christopher L. Kirts, P.E.  
District Air Program Administrator

CLK: lm

## CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL TITLE V AIR OPERATION PERMIT REVISION (including the FINAL Determination and the FINAL Permit) was sent by certified mail or electronically (with Received Receipt) before the close of business on June 25, 2010 to the person(s) listed or as otherwise noted:

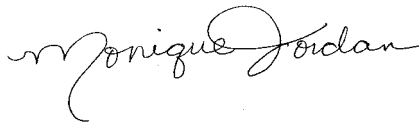
Debbie Master- ([Debbie.master@lafarge-na.com](mailto:Debbie.master@lafarge-na.com))

Brad James, P.E.- Trinity Consultants ([bjames@trinityconsultants.com](mailto:bjames@trinityconsultants.com))

Barbara Friday, BAR ([barbara.friday@dep.state.fl.us](mailto:barbara.friday@dep.state.fl.us)) (for posting with Region 4, U.S. EPA)

Clerk Stamp

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



6/25/2010

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(Clerk)

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(Date)

## **FINAL Determination**

Title V Air Operation Permit Revision  
FINAL Permit Project No.: 1070039-016-AV  
Revision to Title V Air Operation Permit No.: 1070039-013-AV  
Lafarge North America, Inc.  
Page 1 of 3

### **I. Comment(s).**

Comments were received from the USEPA during their 45 day review period of the PROPOSED Permit.

### **II. Conclusion.**

In conclusion, the permitting authority hereby issues the FINAL Permit with the listed changes below:

#### **Referenced attachments made a part of this permit:**

Appendix U-1, List of Unregulated Emissions Units and/or Activities  
APPENDIX TV-6, TITLE V CONDITIONS version dated 06/23/06  
40 CFR 60, Subpart A- General Provisions  
**40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants**

## **SECTION II. FACILITY-WIDE CONDITIONS.**

### **The following conditions apply facility-wide:**

7. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

~~“Nothing was deemed necessary and ordered at this time.”~~

[Rule 62-296.320(1) F.A.C.]

8. Emissions of Unconfined Particulate Matter. Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV ~~56~~, TITLE V CONDITIONS):

- a. the application of wetting agents to the gypsum stockpile, as needed
- b. the use of enclosed, covered, and semi-enclosed conveyors as needed
- c. maintaining paved parking areas
- d. reduced speed for vehicular traffic
- e. and the implementation of good housekeeping practices.

[Rule 62-296.320(4)(c)2., F.A.C.; and, 1070039-001-AC]

## **SECTION III. EMISSIONS UNIT(S) AND CONDITIONS.**

### **Subsection A. This section addresses the following emissions unit(s).**

The following emission units are subject to NSPS requirements/standards in 40 CFR 60, Subpart OOO, Standards of Performance for Nonmetallic Mineral Processing Plants, and 40 CFR 60.7 through 40 CFR 60.11 (Subpart A, Standards of Performance for New Stationary Sources – General Provisions) adopted and incorporated by reference in Rule 62-204.800, F.A.C.:

**A.3. Maximum Allowable Emission Rate:** The permitted maximum allowable emission rate for each pollutant is as follows:

POLL.	E.P.	STANDARD/LIMIT	EQUIVALENT RATE	RULE
PM	EP-011	N/A	N/A	40 CFR 60.672(f)
VE	EP-014	7% Opacity and 10% Fugitive		40 CFR 60.672(a) <del>(2)</del> <b>and (b)</b>

**A.4. Testing:**

POLLUTANT	EMISSION POINT	METHOD	FREQUENCY	RULE
PM	EP-004, EP-019, EP-026	EPA 5	Annual	40 CFR 60.675(b)
VE	EP-004, EP-019, EP-024, EP-026	EPA 9	Annual	40 CFR 60.675(b)
	EP-001 <b>NOTE (1)</b> , EP-009, EP-010, EP-011 <b>NOTE (2)</b> , EP-014 <b>NOTE (2)</b> , EP-016 <b>NOTE (1)</b> , EP022	EPA 22	Annual	40 CFR 60.675 <del>(d)</del> 40 CFR 60.672(e) <b>NOTE (2)</b>
	EP004 & EP019, EP-026	EPA 22	Weekly	See Specific <b>Condition A.5</b>

**NOTE (1) EU003 & 018:** Normal operation for each of these EPs is to vent into EU002, which requires a yearly EPA Method 5 and 9. Annually **EPA Method 22** is required for these units when they are operated such that emissions are vented apart from EU002 (inside of the building).

[40 CFR 60.675~~(d)~~]

**NOTE (2)** Exhibit no visible emissions **from the building** as determined by EPA Method 22.

**Subsection D. Common Conditions.**

E.U.	DESCRIPTION	EMISSION POINT
001	FGD Surge Bin #1 (55-ton Bin)	EP-001
002	Cage Mill Dryer System #1	EP-002
003	Imp Mill Feed Silo A (170-ton Bin)	EP-002/023
004	Imp Mill Calciner System A	EP-004
005	Imp Mill Air Cooling System A	EP-005
006	Stucco Silo A (690-ton Bin)	EP-006
007	Starch Silo	EP-007
008	Sawing Systems/Dunnage Machines	EP-016
009	Norba Grinder	EP-009
010	Belt Conveyors and Bucket Elevators.	Fugitive
011	Emergency Live Bottom Feed Hopper.	<del>Fugitive</del> <b>EP011</b>
013	Wallboard Dryer (4 Natural Gas Burners)	EP-013A EP-013B
014	Ball Mills	EP-014
016	Landplaster Bin	EP-016
017	Additives System and Pin Mixer	EP-017
018	Imp Mill Feed Silo B (170-ton Bin)	EP-002/023
019	Imp Mill Calciner Systems B	EP-019
020	Imp Mill Air Cooling System B	EP-020
021	Stucco Silo B (690-ton Bin)	EP-021
022	FGD Surge Bin #2 (55-ton Bin)	EP-022
023	Cage Mill Dryer System #2	EP-023
024	Reclaim Processing and Screening	EP-024
025	Imp Mill Feed Silo C	EP-002/023
026	Imp Mill Calciner System C	EP-026
027	Imp Mill Air Cooling System C	EP-027