CONCRETE BATCHING PLANT AIR GENERAL PERMIT REGISTRATION FORM

Part II. Notification to Permitting Office

(Detach and submit to appropriate permitting office; keep copy onsite)

Instructions: To give notice to the Department of an eligible facility's intent to use this air general permit, the owner or operator of the facility must detach and complete this part of the Air General Permit Registration Form and submit it to the appropriate Department of Environmental Protection or local air pollution control program office which has permitting authority. Please type or print clearly all information, and enclose the appropriate air general permit registration processing fee pursuant to Rule 62-4.050, F.A.C. (\$100 as of the effective date of this form)

94842-004 **Registration Type** Check one: **INITIAL REGISTRATION - Notification of intent to:** Construct and operate a proposed new facility. Operate an existing facility not currently using an air general permit (e.g., a facility proposing to go from an air operation permit to an air general permit). RE-REGISTRATION (for facilities currently using an air general permit) - Notification of intent to: Continue operating the facility after expiration of the current term of air general permit use. Continue operating the facility after a change of ownership. Make an equipment change requiring re-registration pursuant to Rule 62-210.310(2)(e), F.A.C., or any other change not considered an administrative correction under Rule 62-210.310(2)(d), F.A.C. Surrender of Existing Air Operation Permit(s) - For Initial Registrations Only If the facility currently holds one or more air operation permits, such permit(s) must be surrendered by the owner or operator upon the effective date of this air general permit. In such case, check the first box, and indicate the operation permits being surrendered. If no air operation permits are held by the facility, check the second box. All existing air operation permits for this facility are hereby surrendered upon the effective date of this air general permit; specifically permit number(s): No air operation permits currently exist for this facility. **General Facility Information** Facility Owner/Company Name (Name of corporation, agency, or individual owner who or which owns, leases, operates, controls, or supervises the facility.) FLORIDA BUILDING MATERIALS, INC. Site Name (Name, if any, of the facility site; e.g., Plant A, Metropolis Plant, etc. If more than one facility is owned, a registration form must be completed for each.) **SORRENTO FACILITY** Facility ID: 0694842 Facility Location (Provide the physical location of the facility, not necessarily the mailing address.) Street Address: 31525 4TH STREET City: SORRENTO County: LAKE Zip Code:32776 Facility Start-Up Date (Estimated start-up date of proposed new facility.)(N/A for existing facility)

DEP Form No. 62-210.920(2)(b) Effective: January 10, 2007

Owner/Authorized Representative Name and Position Title (Person who, by signing this form below, certifies that the facility is eligible to use this air general permit.) Print Name and Title: PAUL GORDON, CHIEF OPERATING OFFICER Owner/Authorized Representative Mailing Address Organization/Firm: FLORIDA BUILDING MATERIALS, INC. Street Address: 33 EAST MAIN STREET City: APOPKA County: ORANGE Zip Code: 32703 Owner/Authorized Representative Telephone Numbers Telephone: (407) 886-5546 Cell phone (optional):(407) 468-7895 Facility Contact (If different from Owner/Authorized Representative) Name and Position Title (Plant manager or person to be contacted regarding day-to-day operations at the facility.) Print Name and Title: Facility Contact Mailing Address Organization/Firm: Street Address: City: County: Zip Code: Facility Contact Telephone Numbers Telephone: Fax: Cell phone (optional): **Owner/Authorized Representative Statement** This statement must be signed and dated by the person named above as owner or authorized representative I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Registration Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the facility addressed in this registration form is eligible for use of this air general permit and that the statements made in this registration form are true, accurate and complete. Further, I agree to operate and maintain the facility described in this registration form so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I will promptly notify the Department of any changes to the information contained in this registration form. al Durda 3.25-2009

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Type of Facility	
Check one:	
Stationary Facility	Relocatable Facility
L	
Type(s) of Reasonable Precautions Used	
Check all precautions to be used for the r Pave Roads	nanagement of roads, parking areas, stock piles and yards: Pave Parking Areas Pave Yards
☐ Maintain Roads/Parking/Yards	 ☑ Pave Parking Areas ☑ Use Water Application ☑ Use Dust Suppressant
Remove Particulate Matter	Reduce Stock Pile Height Install Wind Breaks
Check all precautions to be used for the r	nanagement of drop points to trucks:
⊠ Spray Bar	☐ Chute ☐ Enclosure
	Partial enclosure
Description of Passanahla Pressutions	
Description of Reasonable Precautions Below, or as an attachment to this form, pre	ovide details of all types of reasonable precautions to be used to prevent
unconfined emissions at the facility.	
Precautions to Prevent Emissions of	f Unconfined Emissions
<u>-</u>	ng area, and yards or the application of water to unpaved
roads, parking areas, and yards to co	ontrol emissions.
2. The use of sprinklers on stoo	ck piles if necessary.
<u>-</u>	er from roads and other paved areas under the control of the prevent the reentrainment, and from buildings or work areas
to prevent particulate from becoming	
4. Landscaping or planting of vege	etation.

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Description of Facility

Below, or as an attachment to this form, provide a description of the concrete batching plant operations at the facility in sufficient detail to demonstrate the facility's eligibility for use of this air general permit and to provide a basis for tracking any future equipment or process changes at the facility. Describe all air pollutant-emitting processes and equipment at the facility, and identify any air pollution control measures or equipment used.

THIS FACILITY PRODUCES READY MIX CONCRETE AND CONCRETE PRODUCTS (CONCRETE BLOCK).

THE READY MIX CONCRETE IS MADE FROM CEMENT, FLYASH, ROCK, SAND, AND WATER.

THE READY MIX PLANT OPERATES AT A MAXIMUM RATE OF 400 TONS/HOUR.

THE CONCRETE PRODUCTS (BLOCKS) ARE MADE FROM CEMENT, ROCK, SAND, AND WATER.

THE BLOCK PLANT OPERATES AT A MAXIMUM RATE OF 1000 BLOCKS/HOUR.

(NOTE: DUE TO CURRENT ECONOMIC CONDITIONS, THE BLOCK PLANT IS NOT BEING OPERATED AT THIS TIME. THIS BLOCK PLANT WILL BE TESTED FOR VISIBLE EMISSIONS WHEN IT IS PUT BACK INTO OPERATION)

THIS FACILITY CAN OPERATE 3120 HOURS PER YEAR.

THE CONCRETE BATCH PLANT HAS 1 ELEVATED SPLIT CEMENT SILO WITH 2 SILO MOUNTED BAGHOUSE'S. THE BAGHOUSE'S ARE MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND ARE MODEL NUMBER LP 310, SERIAL NUMBERS 33 AND 34. THESE BAGHOUSE'S ARE 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

THE CONCRETE BATCH PLANT ALSO HAS 1 ELEVATED FLY-ASH SILO WITH 1 SILO MOUNTED BAGHOUSE. THE BAGHOUSE IS MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND IS MODEL NUMBER CP 450, SERIAL NUMBER 11972. THIS BAGHOUSE IS 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

THE CONCRETE BATCH PLANT ALSO HAS A WEIGH HOPPER THAT IS CONTROLLED WITH A SMALL BAGHOUSE WITH 2 BAGS. THIS IS MANUFACTURED BY C & W MANUFACTURING AND SALES CO. DUST FROM THE CONCRETE LOAD-OUT CHUTE TO THE MIXER TRUCKS IS CONTROLLED WITH A WATER SPRAY.

THE CONCRETE PRODUCTS (BLOCK PLANT) PLANT HAS 1 ELEVATED SPLIT CEMENT SILO WITH 2 SILO MOUNTED BAGHOUSE'S. THE BAGHOUSE'S ARE MANUFACTURED BY C & W MANUFACTURING AND SALES CO. AND ARE MODEL NUMBER LP-6, SERIAL NUMBERS 310 AND 315. THESE BAGHOUSE'S ARE 99.99 % EFFICIENT FOR THE COLLECTION OF PARTICULATE MATTER.

DEP Form No. 62-210.920(2)(b) Effective: January 10, 2007

CONSULTING ENGINEERS – ANALYTICAL LABORATORY 6729 Edgewater Commerce Parkway Orlando, Florida 32810 Phone: (407) 298-0846 Fax: (407) 299-7052

Observation Date Start Tin 3/24/09 9:			Time 9:15	5	Stop Time 9:45
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	
2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	;
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	
15	0	0	0	0	
16	0	0	0	0	
17	0	0	0	0	
18	0	0	0	0	
19	0	0	0	0	
20	0	0	0	0	
21	0	0	0	0	
22	0	0	0	0	
23	0	0	0	0	
24	0	0	0	0	
25	0	0	0	0	
26	0	0	0	0	
27	0	0	0	0	
28	0	0	0	0	
29	0	0	0	0	
30	0	0	0	0	
Highest 6 Mir Maximum	0		N	0	% Were 0
	0	- · · · J		. *****	0

Facility Name				
Florida Building Mate	eriais,	inc.		
Address				
31525 4 th Street				
Sorrento, Florida				
County				
Lake				
Phone		Permit Number		
352 735-4900		0694845-0	002-AG	
Process Equipment				•
Concrete Batch Plan	nt Split	Silo		
Control Equipment				
North Side Cement S	Silo Ba	aghouse		
Describe Emission Point				
Baghouse Outlet				
Height of Emission Point (feet		Height Relativ		
Start ~60 Finish	~60	Start ~55	1 11 115	
Distance From observer (feet)		Direction To E		
Start 500 Finish	500	Start 250	1 11115	
Angle To Observation Point (de	eg.)	Direction To C		
Start 6 Finish	6	Start 250	1 11 115	
Distance and Direction From E	mission I			
_{Start} Same Point		Finish Sai	me Poir	nt
Was Steam Present		If Steam Was P	resent The	Plume Was
Yes No	\boxtimes	Attached	Deta	ached
Emission Color				.000
Cloar		Finish C	lear	
Start Clear Describe Emission		Finish C		
Duct		D	ust	
Start Dust Describe Background		Finish D	usi	
Clay		9	ky	
Start Sky Background Color		Finish 3	Ν	
DI -		В	lue	
Otart		Finish D	iue	
Sky Conditions Start Clear		_	lear	
Otart		1 1111311	leai	
Wind Speed (mph)	_	Wind Direction		_
Start 5 Finish	5	Start E	Finisl	,
Ambient Temperature (F)	64	Wet Bulb Tempe		RH Percent
Start 64 Finish	64			78
Magnetic North		Split Silo		
		$\sim \sqrt{p} \sqrt{1}$		
3		Silo Emi:	ssion Point	
Symbols		1 3		
Sun 💍		/ <u></u> ot	server Positi	on
Wind -		/ . `		
Wind>		&		
Stack and Plume O		Sun Location Lir	ne	
Longitude	I	Latitude		
81º 28.3965' W		28º 15.430)4' N	
Process Data				
Unloading Rate = 27	.42 to	ns/hour @1	0 -12 ps	si
Normal Batching in F		-	1	
Observer Name	Certifie		Dat	e
Kent D. Bottorf		met-Orlando		5/09
Observer signature	, .0.0	Ondiana	Dat	
24	20. 7	54		24/09
Th		h = # = 1	- 0/2	, 00

Facility Name

CONSULTING ENGINEERS - ANALYTICAL LABORATORY 6729 Edgewater Commerce Parkway Orlando, Florida 32810 Phone: (407) 298-0846 Fax: (407) 299-7052

Observation		Start				Stop Time
3/24/0			9:			10:20
Min/Sec	0	15	3	30	45	Comments
1	0	0	(0	0	
2	0	0	(0	0	
3	0	0	(0	0	
4	0	0	(0	0	
5	0	0	_(0	0	
6	0	0	(0	0	
7	0	0	(0	0	
8	0	0	_(0	0	
9	0	0	(0	0	
10	0	0	(0	0	
11	0	0	(0	0	
12	0	0	(0	0	
13	0	0	(0	0	
14	0	0	(0	0	
15	0	0	(0	0	
16	0	0	(0	0	
17	0	0	(0	0	
18	0	0	(0	0	
19	0	0	(0	0	
20	0	0	(0	0	
21	0	0	(0	0	
22	0	0	(Ó	0	
23	0	0	(0	0	
24	0	0	(C	0	
25	0	0	(0	0	
26	0	0	(0	0	
27	0	0	(0	0	
28	0	0	()	0	
29	0	0	()	0	
30	0	0	()	0	
Highest 6 Mir	nute O	pacity			mber o	of Readings Above
Maximun	n Read	ding	+			mum Reading
·	0					0

Florida Building Material	s, Inc.	
Address 31525 4 th Street		
Sorrento, Florida		
Lake		
Phone	Permit Number	
352 735-4900	0694845-002	2-AG
Process Equipment		
Concrete Batch Plant Sp	olit Silo	
Control Equipment South Side Cement Silo	Baghouse	
Describe Emission Point		
Baghouse Outlet	L Harris Galacia	Ot
Height of Emission Point (feet)	Height Relative to	~.EE
Start ~ OU Finish ~ OU Distance From observer (feet)	J Start ∼33 Direction To Emis	1 11 11 311
50050		Finish 250
Start SOU Finish Start Angle To Observation Point (deg.)	Utant	rvation Point (deg.)
Start 6 Finish 6	Start 250	Finish 250
Distance and Direction From Emissi	on Point to Observation P	Point (feet & deg.)
Start Same Point	1 1111311	Point
Was Steam Present	If Steam Was Prese	ent The Plume Was
Yes No	Attached	Detached
Emission Color Start Clear	Finish Clea	
Start Clear Describe Emission	Finish CIE	11
Duct	Finish Dus	<u>+</u>
Start Dust Describe Background	Finish Dus	
Start Sky	Finish Sky	
Background Color	T MION	
_{Start} Blue	_{Finish} Blue)
Sky Conditions	01	
Start Clear	Finish Clea	ar
Wind Speed (mph) Start 5 Finish 5	Wind Direction	Einich E
Start 5 Finish 5 Ambient Temperature (F)	Start Wet Bulb Temperatu	FIIIISII
Start 65 Finish 66	59	72
Magnetic North	Split	
	sip C	
	Silo Emission	Point
Symbols	1 A Observe	
Sun 📸	Observ	er Position
Wind>		
Stack and Plume	<	>
	Sun Location Line	
Longitude	Latitude	A.1
81º 28.3965' W Process Data	28º 15.4304'	IN
Unloading Rate = 27.42	tons/hour@10 -	12 nsi
Normal Batching in Prog	ress	
	tified By	Date 2/5/00
Kent D. Bottorf Ae Observer signature	eromet-Orlando	2/5/09 Date
200 E	200 S	3/24/09
		1 3, 2

BOTTORF Inc.

CONSULTING ENGINEERS – ANALYTICAL LABORATORY 6729 Edgewater Commerce Parkway Orlando, Florida 32810 Phone: (407) 298-0846 Fax: (407) 299-7052

Facility Name Florida Building Materials, Inc.			Observation Date Start Ti		Time 0:05		Stop Time 10:35	
Address			Min/Sec	0	15	30	45	Comments
31525 4 th Street								
Sorrento, Florida County			1	0	0	0	0	
Lake			2	0	0	0	0	
Phone 255 4000	Permit Number	40	3	0	0	0	0	
352 735-4900 Process Equipment	0694845-002	AG						
Concrete Batch Plant Flya	sh Silo		4	0	0	0	0	
Control Equipment			5	0	0	0	0	
Flyash Silo Baghouse Describe Emission Point			6	0	0	0	0	
Baghouse Outlet	7	0	0	0	0			
Height of Emission Point (feet)	Height Relative to 0							
Start ~60 Finish ~60 Distance From observer (feet)	Start ~55 Direction To Emiss	Finish ~55	8	0	0	0	0	
Start ~500 Finish ~500		Finish 250	9	0	0	0	0	
Angle To Observation Point (deg.)	Direction To Obser	vation Point (deg.)	10	0	0	0	0	
Start 6 Finish 6 Distance and Direction From Emission	Start 250 Point to Observation Po	Finish 250	11	0	0	0	0	
Start Same Point	_{Finish} Same	Point	12	0	0	0	0	
Was Steam Present Yes No	If Steam Was Preser	nt The Plume Was Detached	13	0	0	0	0	
Emission Color	السحا		14	0	0	0	0	
Start Clear Describe Emission	Finish Clear	<u> </u>	15	0	0	0	0	
Start Dust	Finish Dust		16	0	0	0	0	
Describe Background Start Sky	Finish Sky		17	0	0	0	0	
Background Color	Dlue		18	0	0	0	0	
Start BIUE Sky Conditions	Finish Diue			 	_			
Start Clear	Finish Clear	r	19	0	0	0	0	
Wind Speed (mph)	Wind Direction	_	20	0	0	0	0	
Start 5 Finish 5 Ambient Temperature (F)	Start E Wet Bulb Temperature	Finish E	21	0	0	0	0	
Start 65 Finish 66	59	72	22	0	0	0	0	
Magnetic North	Split Silo		23	0	0	0	0	
(\nearrow)	Silo (5) Silo Emission Po	pint	24	0	0	0	0	
Symbols	Observe	r Position	25	0	0	0	0	
Sun Wind				0		0	0	
			26		0			-
Stack and Plume ()	Sun Location Line		27	0	0	0	0	
Longitude	Latitude		28	0	0	0	0	
81º 28.3965' W Process Data	28º 15.4304' l	N	29	0	0	0	0	
Unloading Rate = 30.15 to	ns/hour @10 -1	2 psi	30	0	0	0	0	
Normal Batching in Progre		-	Highest 6 Mir				_	f Readings Above
Observer Name Certifie		Date O/F/OO		0			0	% Were 0
Kent D. Bottorf Aero Observer signature	met-Orlando	2/5/09 Date	Maximur		ding		Mini	mum Reading
Observer signature	50/	3/24/09		0				0

CONSULTING ENGINEERS - ANALYTICAL LABORATORY 6729 Edgewater Commerce Parkway Orlando, Florida 32810 Phone: (407) 298-0846 Fax: (407) 299-7052

Observation 3/24/0		Start	Time 9:2 0)	Stop Time 9:35
Min/Sec	0	15	30	45	Comments
1	0	0	0	0	Batch Start
2	0	0	0	0	9:20
3	0	0	0	0	
4	0	0	0	0	
5	0	0	0	0	
6	0	0	0	0	
7	0	0	0	0	
8	0	0	0	0	
9	0	0	0	0	
10	0	0	0	0	
11	0	0	0	0	
12	0	0	0	0	
13	0	0	0	0	
14	0	0	0	0	Batch Stop
15	0	0	0	0	9:35
16					
17					
18					
19					
20				ļ	
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
Highest 6 Min	nute Op 0	oacity	N	_	of Readings Above
Maximui	m Read	ding		Mini	% Were 0 mum Reading 0
	U				١ -

		Phone: (407) 298-084	46 Fax: (407) 299-7052
Facility Name Florida Building Materia	ale I	Inc	
Address	a13, 1	iiio.	
31525 4 th Street			
Sorrento, Florida			
County			
Lake			
Phone 352 735-4900		Permit Number 0694845-002	-AG
Process Equipment		0034043-002	Ad
Concrete Batch Plant V	Veig	h Hopper	
Control Equipment		· · · · · · · · · · · · · · · · · · ·	
Weigh Hopper Baghou	se		
Describe Emission Point Baghouse Outlet			
Height of Emission Point (feet)		Height Relative to 0	Observer (feet)
_	25	Start ~20	Finish ~20
Distance From observer (feet)		Direction To Emiss	ion Point (deg.)
l Otali	500	Start 250	Finish 250
Angle To Observation Point (deg.)		Direction To Obser	
Start 3 Finish 3	nie- P	Start 250	Finish 250
Distance and Direction From Emiss	SION P	Como	
Was Steam Present	T	Finish Same	
Yes No 🛛		Attached	Detached
Emission Color		Attached	Detached
_{Start} Clear		Finish Clean	r
Describe Emission			
Start Dust		Finish Dust	
Describe Background		Cky	
Start Sky Background Color		Finish Sky	
Start Blue		Finish Blue	
Sky Conditions		TITISH	<u>,</u> ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Start Clear		Finish Clear	<u> </u>
Wind Speed (mph)		Wind Direction	_
Start 5 Finish 5		Start E	Finish E
Ambient Temperature (F)		Wet Bulb Temperatur 59	e (F) RH Percent 78
Start 04 Finish 04 Magnetic North			
Magnetic North		_ Hsilo	
S		Silo	Point
Symbols		7 Observe	
Sun 🔆		/ Observe	r Position
Wind>		/ _w \	
Stack and Plume	<u> </u>		>
		Sun Location Line	
Longitude		Latitude	
81 ^º 28.3965' W		28º 15.4304' l	V
Process Data			
Process is Cyclical			
Normal Batching in Pro			Data
	ertified	_{гву} net-Orlando	Date 2/5/09
Observer signature		not Onando	2/3/09 Date
242	Z	300	3/24/09



Certification of Visible Opacity Reading

Kent D. Bottorf

qualified to conduct EPA Method 9 Tests for visible opacity in accordance with the methods established for such qualification in 40 CFR Part 60 Appendix A on February 5, 2009

Instructor, AeroMet Engineering

Date:	2/5/09	 Signature:	attely
			Arthur "Trey" Beauchamp

Certificate expires: 8/5/09





Visible Emissions Evaluation

This certifies that...

Kent D. Bottorf

...successfully completed a course in the methods of measurement of visible emissions from sources as specified by Federal Reference Methods 9 and 22 conducted by Eastern Technical Associates of Raleigh, North Carolina.

Course Location Date	
Michael W. Sunsford Michael Worfungfad	
President Director of Training Instructor	



7006 0100 0004 2826 8374

CERTIFIED MAIL #7006 0100 0004 2826 8374

RETURN RECEIPT REQUESTED

FLORIDA BUILDING MATERIALS INC 33 EAST MAIN ST - 2ND FLOOR APOPKA, FL 32703 5291

> FL DEPT OF ENV PROTECTION RECEIPTS PO BOX 3070 TALLAHASSEE, FL 32315-3070

