



Florida Department of Environmental Protection

Bob Martinez Center
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

Charlie Crist
Governor

Jeff Kottkamp
Lt. Governor

Michael W. Sole
Secretary

August 10, 2009

Mr. Jim Burch
Human Resources Director
Gate Concrete Products Company
Jacksonville Site
402 Heckscher Drive
Jacksonville, Florida 32226

Dear Mr. Burch:

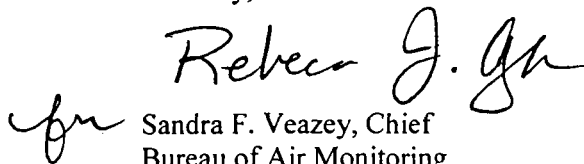
This is to acknowledge that your notification of intent to use the authority of Rule 62-210.310 to operate your **Concrete Batching Plant** facility was received on July 9, 2009. We have assigned ARMS No. 0310133-006 to this facility.

As you know, pursuant to Florida Statutes section 403.814, authority to operate under general permits commences thirty (30) days after receipt of the registration form unless you have been notified by this office that your facility has not shown entitlement to operate pursuant to the rule provisions.

For your information, authority to operate pursuant to Rule 62-210.310 expires after five (5) years. Therefore, a new registration form must be received no later than five (5) years after the date your notice was received as indicated above. If your general permit rule conditions require testing, such testing must be completed within the time frame specified in the rule.

If you have any additional questions, please contact Dickson Dibble at 850/921-9586.

Sincerely,


Sandra F. Veazey, Chief
Bureau of Air Monitoring
and Mobile Sources

SFV/pg

498053 Jul 9 2009

RECEIVED

CONCRETE BATCHING PLANT
AIR GENERAL PERMIT REGISTRATION FORM

JUL 14 2009

DEPARTMENT OF ENVIRONMENTAL PROTECTION
& NATURE RESOURCES

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)

0310133-006

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):
0310133-005-AG
- 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.)

Gate Concrete Products Company

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.)

Jacksonville Site

Facility Location (Provide the physical location of the facility, not necessarily the mailing address.)

Street Address: 402 Heckscher Drive

City: Jacksonville

County: Duval

Zip Code: 32226

Facility Start-Up Date (Estimated start-up date of proposed new facility.) (N/A for existing facility)

N/A

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: Hagen Lambert, Senior Vice President, Operations Manager

Owner/Authorized Representative Mailing Address

Organization/Firm: Gate Concrete Products Company

Street Address: 402 Zoo Parkway

City: Jacksonville

County: Duval

Zip Code: 32226

Owner/Authorized Representative Telephone Numbers

Telephone: 904-757-0860

Fax: 904-714-3761

Cell phone (optional):

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: Jim Burch, Human Resources Director

Facility Contact Mailing Address

Organization/Firm: Gate Concrete Products Company

Street Address: 402 Zoo Parkway

City: Jacksonville

County: Duval

Zip Code: 32226

Facility Contact Telephone Numbers

Telephone: 904-757-0860

Fax: 904-714-3761

Cell phone (optional):

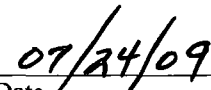
Owner/Authorized Representative Statement

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.


Signature


Date

Type of Facility

Check one:

Stationary Facility

Relocatable Facility

Type(s) of Reasonable Precautions Used to Prevent Unconfined Emissions

Check all precautions to be used for the management of roads, parking areas, stock piles and yards:

Pave Roads

Pave Parking Areas

Pave Yards

Maintain Roads/Parking/Yards

Use Water Application

Use Dust Suppressant

Remove Particulate Matter

Reduce Stock Pile Height

Install Wind Breaks

Check all precautions to be used for the management of drop points to trucks:

Spray Bar

Chute

Enclosure

Partial enclosure

Description of Reasonable Precautions

Below, or as an attachment to this form, provide details of all types of reasonable precautions to be used to prevent unconfined emissions at the facility.

This facility utilizes a water truck periodically to control unconfined emissions from the production yard.

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.

Currently, this facility has an approved general air permit (Permit No. 0310133-005-AG) to operate in Jacksonville. We plan to construct one additional dust collection system for our form shop operations associated with the North Concrete Batch Plant. Therefore, 1 new air source will be constructed as defined herein: E U Nos. 27. Upon construction completion, there will be a total of 12 air sources at this site. Therefore, we respectfully request your review and approval of this general air permit to include the above proposed improvements.

Should you have any technical questions, please contact Allan Boree, PE, our air consultant on this project (904-514-5666).

Emission Unit No.	Source Name (tons/hr)	Tons/Hr.	Control Equipment
North Plant			
20	Compartment 1 (cement silo)	27	C & W "O Dust Collectors", Model LPR-6-S
21	Compartment 2 (cement silo)	27	C & W "O Dust Collectors", Model LPR-6-S
22	Compartment 3 (cement or micro silica)	27	C & W "O Dust Collectors", Model LPR-6-S
23	Compartment 4 (flyash silo)	27	C & W "O Dust Collectors", Model LPR-6-S
24	Batcher/Micro Silica Hopper	40	C & W Dust Collector, Model CP-100
25	Cement Weigh Hopper	40	Belgrade 16 Dust Collector, 16 Sq Ft
26	Micro Silicon Weigh Hopper	40	Belgrade 16 Dust Collector, 16 Sq Ft
16	Filler Silo (micro silica)	22	Griffin Environmental, Baghouse Model 36LS
27	Wood Dust Collection System	10 gallons/hr.	Oneida Cyclonic Dust Collector 15HP
South Plant			
17	Cement Silo	27	C&W Dust Collector, Model LPR-8-S
18	Cement Mixer	40	C&W Dust Collector, Model CP-100
19	Cement Batcher	40	Belgrade Dust Collector, Model 16 vent

* Indicates a new air source to be constructed. See attached technical data for additional information on control equipment. It should be noted that a visible emission (VE) test and report will be completed within 30 days after successfully startup of equipment. Start up is estimated to be by March 30, 2010.

TECHNICAL DATA

FOR NEW AIR SOURCES

EMISSION UNIT NUMBERS 27

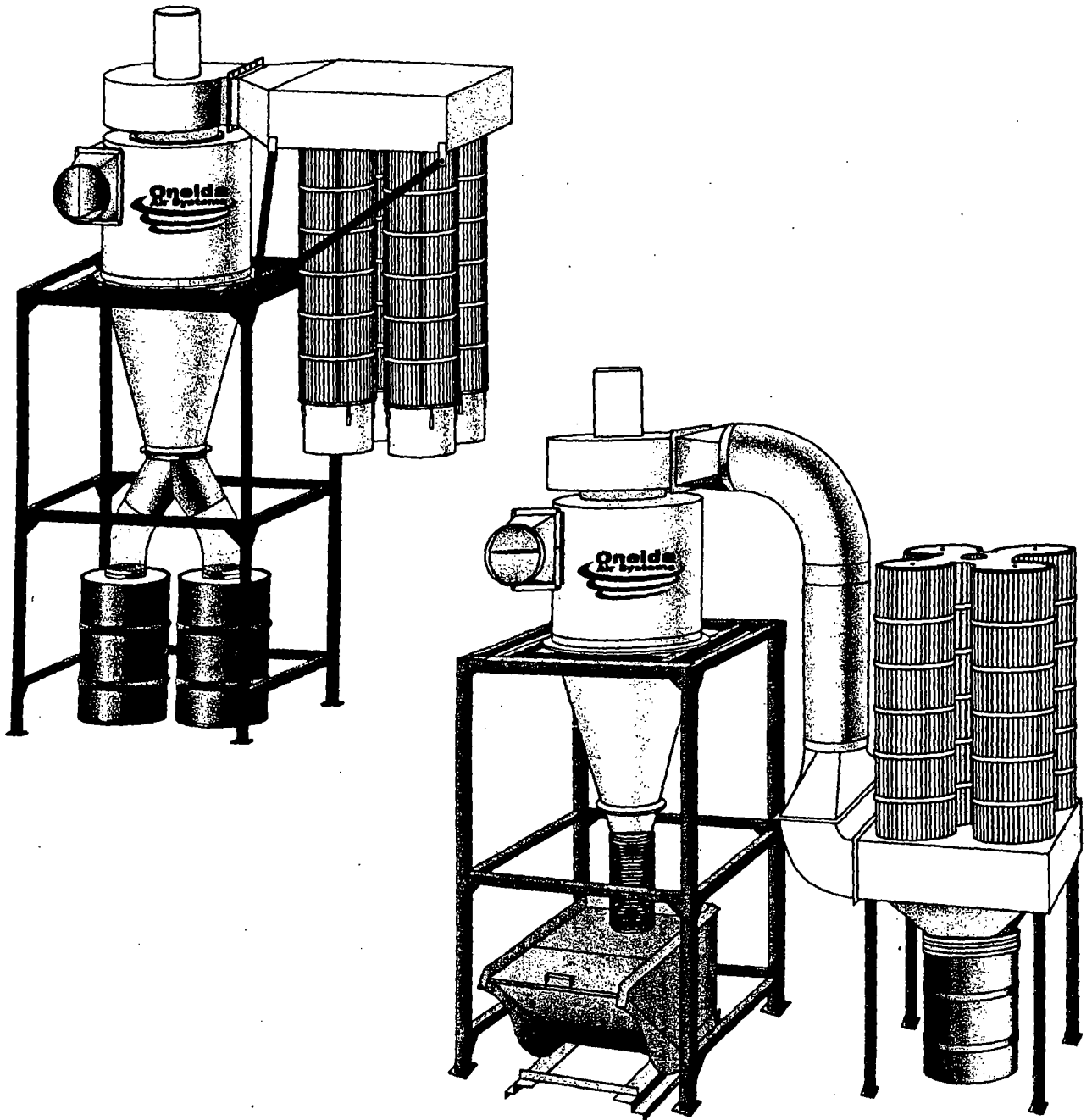
NORTH BATCH PLANT OPERATIONS

15 HP Direct Drive Cyclonic Dust Collectors

Model 1500, 1500A, 1500B, 1500C, 1500D, 1500E, 1500F, 1500G, 1500H, 1500I, 1500J, 1500K, 1500L, 1500M, 1500N, 1500O, 1500P, 1500Q, 1500R, 1500S, 1500T, 1500U, 1500V, 1500W, 1500X, 1500Y, 1500Z



Owner's Manual



Oneida Air Systems, Inc. 1001 West Fayette St., Syracuse, N.Y. 13204
Phone 1-800-732-4065 315-476-5151 Fax 315-476-5044 www.oneida-air.com

15Hp Direct Drive - XXK150300

Base System Price: \$7,528.35 - Shipping and Handling Not Included

• System Performance - 3500 Max. CFM @ 12" SP - Fan Curve

• System Dimensions - Click For Full Dimensions

- Height w/ 55 Gallon Drum: 172 3/4 "
- Footprint w/ Ext. Cartridge: 63"x Approx. 138 1/2"
- Inlet Diameter: Full Welded 14" w/ Neutral Vane
- Outlet: Rectangle (square to round adapter available)
- Powder coated paint finish over heavy gauge steel
- Weather-proof cyclone and Fan Blower
- Seam-Welded Cyclone Body

• Integral Fan Blower - Industrial Quality Motor

- 15Hp 3 Phase US Made Baldor
- TEFC Motor, 1.0 Service Factor
- Insulation Class F
- Voltage: 208 - 230 /460
- Amperage: 37.5 - 34 / 17
- Cast aluminum alloy 356T-51 / backward inclined / non-sparking, non-ferrous as required by NFPA fire code / dynamic, two-plane balanced to ISO 6.3 specifications. The same as aircraft turbine rotors.

• Filter Media - ASHRAE Tested - Click for Filter Details

- 520 Sq. Ft. (4) High Efficiency Axtar Spun-Bonded Media
- Accredited, Independent Lab Tested
- Filter Media Captures 99.9% of Test Material from 0.2 - 2 microns @ 11 FPM
- Teflon-like coating to Faciliate Dust Cake Release

• Sound Level

With Standard Silencer & Filter: 82 dB @ 10'

• Dust Bin

- (2) 55 Gallon Fiber Drum. Other Sizes & Types Available

• Included

- Heavy Duty Angle Iron Stand
- Magnetic Starter
- Filter Efficiency Kit
- (2) 55 Gallon Dust Drums
- Internal Silencer

III. General Specifications & Fan Performance Curves

System Packages Include:

1.) Cyclone

Full welded exterior
Main body, cone and inlet: 12 ga. galv.
Rectangular Cyclone Inlet
36" dia. rolled steel flange for mounting
Powder Paint Coated

2.) 15hp Fan / Blower

Made in USA NYB, 15 horsepower
Three Phase: 208 - 230/460V
37.5 - 34/17A

18" Dia. Steel, Backward Incline Fanwheel

3.) Support Stand for Cyclone & Fan / Blower

Standard stand will fit 2x 55 Gal. drums or
2 Yd. hopper

4.) Magnetic Motor Starter

Optional Items:

Filter Plenum for-

Cartridge Config. 1- 4 Pleated Cartridges

Cartridge Config. 2 - 4 Pleated Cartridges

Silencer - will reduce noise level. (Only available w/ Cartridge Config. 2)

Rotary Air-Loc

Steel Hoppers for wood waste under cyclone

Filter Media

Exterior Cartridge Filters

15hp - 4 Cartridges - 520 Sq. Ft.

Spun-Bonded Polyester BIA ZH1/487 Test - Rated C

Captures 99.99% of test material over 20 microns

Captures 99.9% of test material between 0.2 - 2.0 microns @ 11 fpm face velocity

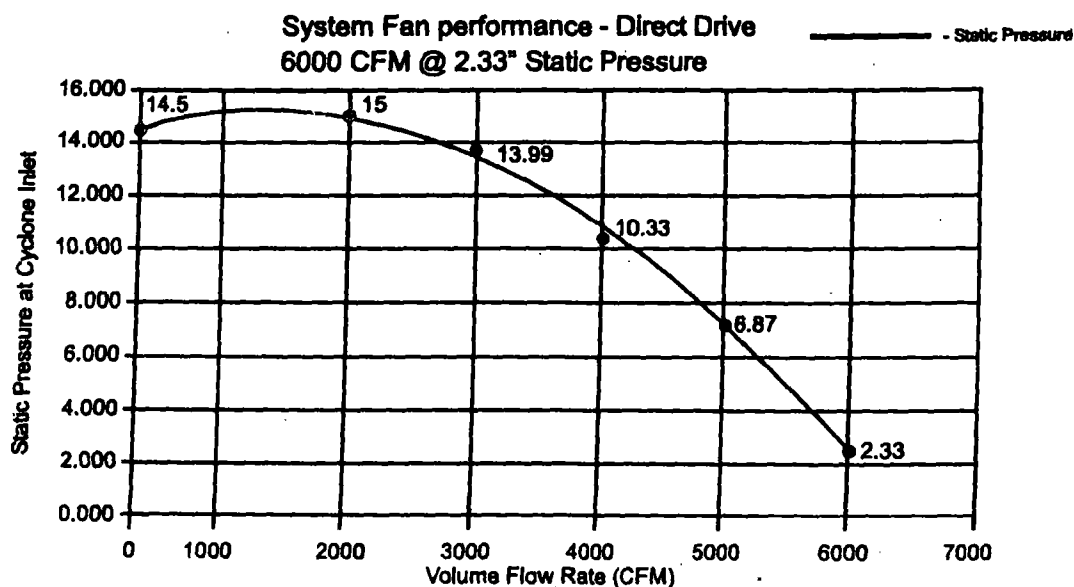
Dust Bins

(2) 55 Gal. Steel Drums

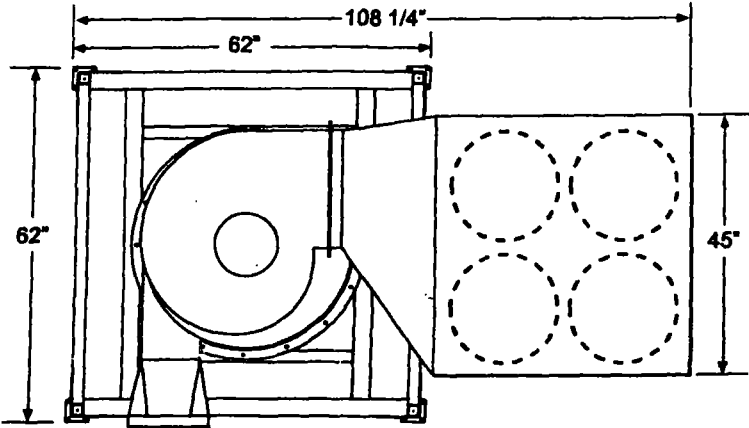
Multiple Dust Bin Combinations available

Hoppers - Steel

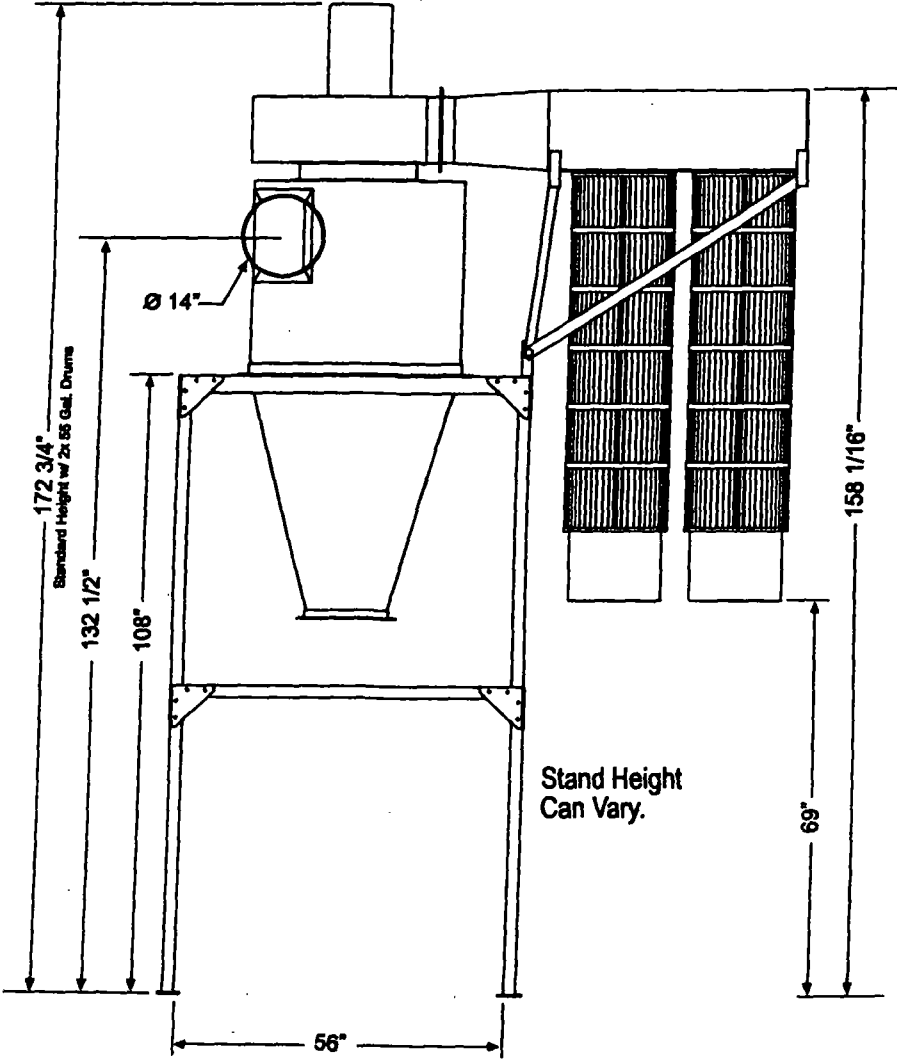
Fan System Curve



IV. Dimensions - System & Filter Plenum - Config. 1



Systems and dimensions subject to change without notice.





RECEIVED

JUL 31 2009

Bureau of Air Monitoring
& Mobile Sources

CONCRETE PRODUCTS

July 26, 2009

Mr. Dickson Dibble
Florida Department of Environmental Regulation
Air General Permit Program
BAMMS, MS5510
2600 Blair Stone Road
Tallahassee, Florida 32399-2400

RE: Gate Concrete Products Co.
Air Permit No. 0310133-005-AG
General Air Permit Application – Concrete Batch Plants

Dear Mr. Dibble:

Currently, Gate has an approved general air permit (Permit No. 0310133-005-AG) to operate in Jacksonville. We plan to construct one additional dust collection system for the North Batch Plant operations. Therefore, 1 new air source will be constructed as defined herein: E U Nos. 27.

Upon construction completion, there will be a total of 12 air sources at this site. To obtain approval to construct and operate these 12 existing and proposed air sources, we understand that we must surrender our current general air permit and make application for a new general air permit for our site.

Per your request, we are resubmitting this application using the more recent DEP Form. We request that our existing general air permit be canceled and you review and approve the attached general air permit application, which includes all 12 existing and proposed air sources. We are applying for a permit utilizing the General Permit Format which is set-up for Concrete Batch Plants. Please note that a VE Test & Report will be completed on all new air sources after construction is complete.

We hope this submittal is acceptable with you. Should you have any questions, please contact me, or Allan Boree, PE (phone 904-514-5666), our environmental consultant on this matter.

Sincerely,

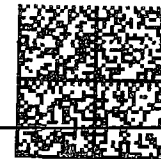


Jim Burch
Human Resources Director



Concrete Products

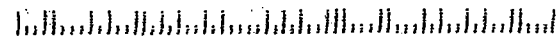
402 ZOO PARKWAY
JACKSONVILLE, FL 32226



UNITED STATES POSTAGE
PITNEY BOWES
02 1P \$ 000.63⁰
0002526747 JUL 29 2009
MAILED FROM ZIP CODE 32226

Mr. Dick Dibble
FDEP
Aair General Permit Program
BAMMS, MS5510
2600 Blairstone Road
Tallahassee, FL 32399-2400

32399-2400



Florida Department of Environmental Protection
Cash Receiving Application (CRA)
Cashlisting by Deposit #: 292009 thru 292009
Printed: 7/9/2009 4:32:45 PM - Page 10

Cashlisting: **77138** Cashlist Area: **3755** Description: **DIV OF AIR RESOURCES MGMT.**
 Deposit No: **292009** Date Deposited: **07/09/2009** Contact: **E. WALKER**

Object	Transmittal	Dep DDN	Receipt Number	Pre-Numbered Receipt	Name	Check Number	Payment Amount	Reference Account	Payment Number	Remittance Number	Fund	Grant	
002272	55614	498053	672826		GATE	1405209	\$100.00	0310133006 7/17/2009-CCB	960537	842562	PFTF		
Object Code 002272 Subtotal:							\$100.00						
Cashlisting 77138 Total:							\$100.00						

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110 GATE CONCRETE PRODUCTS CO
JACKSONVILLE DIVISION
402 ZOO PARKWAY
JACKSONVILLE FL 32226
(904) 757-0860

**T
O**

DEPT ENVIRONMENTAL PROTECTION
P O BOX 3070
TALLAHASSEE FL 32315-3070

110 GATE CONCRETE PRODUCTS CO				Check# 1405209	
Invoice Number	Invoice Date	Invoice Amount	Discount Taken	Net Check Amt	
0310133-005-AG 06/09	6/12/2009	USD 100.00	.00	100.00	
Totals:			100.00	.00	100.00