

**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)

Bureau of Air, Water,  
& Mobile Source Control  
DEC 31 2008

RECEIVED

**0570180-004**

**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.)

Cast-Crete Corporation

**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.)

Cast-Crete Seffner Administrative Offices & Manufacturing Facility

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

Street Address: 6324 County Road 579

City: Seffner

County: Hillsborough

Zip Code: 33584

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

N/A



**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:

<input checked="" type="checkbox"/> <b>Pave Roads</b>	<input checked="" type="checkbox"/> <b>Pave Parking Areas</b>	<input checked="" type="checkbox"/> <b>Pave Yards</b>
<input checked="" type="checkbox"/> <b>Maintain Roads/Parking/Yards</b>	<input checked="" type="checkbox"/> <b>Use Water Application</b>	<input type="checkbox"/> <b>Use Dust Suppressant</b>
<input checked="" type="checkbox"/> <b>Remove Particulate Matter</b>	<input checked="" type="checkbox"/> <b>Reduce Stock Pile Height</b>	<input checked="" type="checkbox"/> <b>Install Wind Breaks</b>

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

<input type="checkbox"/> <b>Spray Bar</b>	<input type="checkbox"/> <b>Chute</b>	<input type="checkbox"/> <b>Enclosure</b>
	<input checked="" type="checkbox"/> <b>Partial enclosure</b>	

**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.

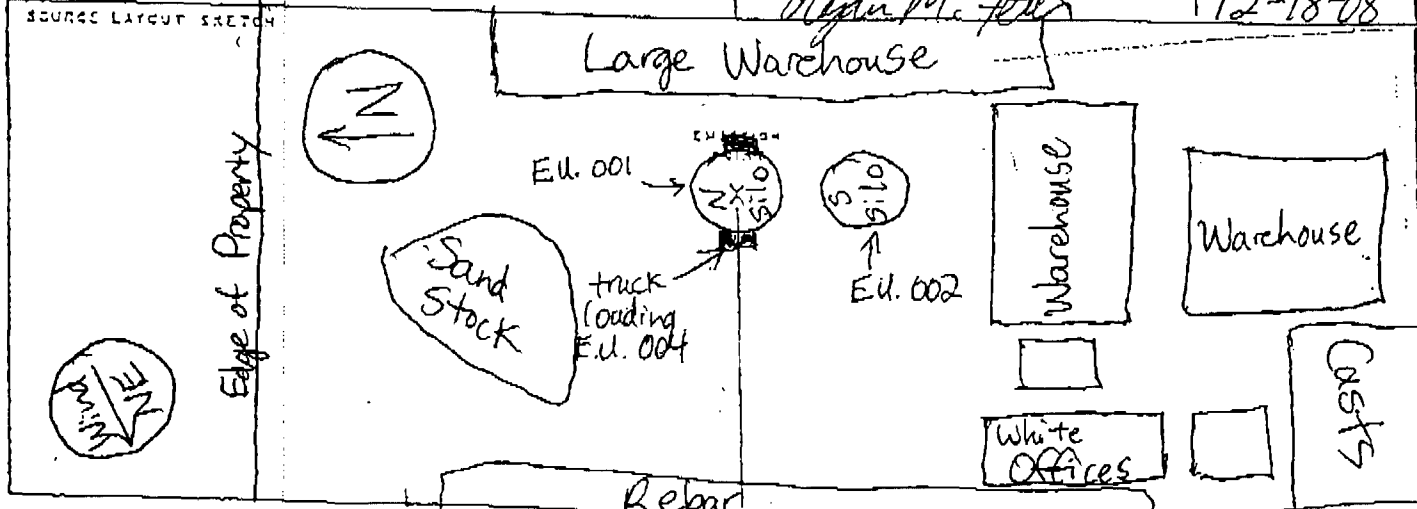
- All roads, parking areas and yards are paved or concreted.
- Roads, parking areas and yards are maintained.
- Aggregate stockpiles on the ground are protected on three (3) sides from wind. Additionally, the stock pile heights are kept below the protective walls.
- Aggregates in over head bin storage are sprinkled with water to reduce air born particulate matter.
- The drop point to mix trucks is enclosed on three (3) sides with a shroud and serviced by a dust collection system.

### 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.

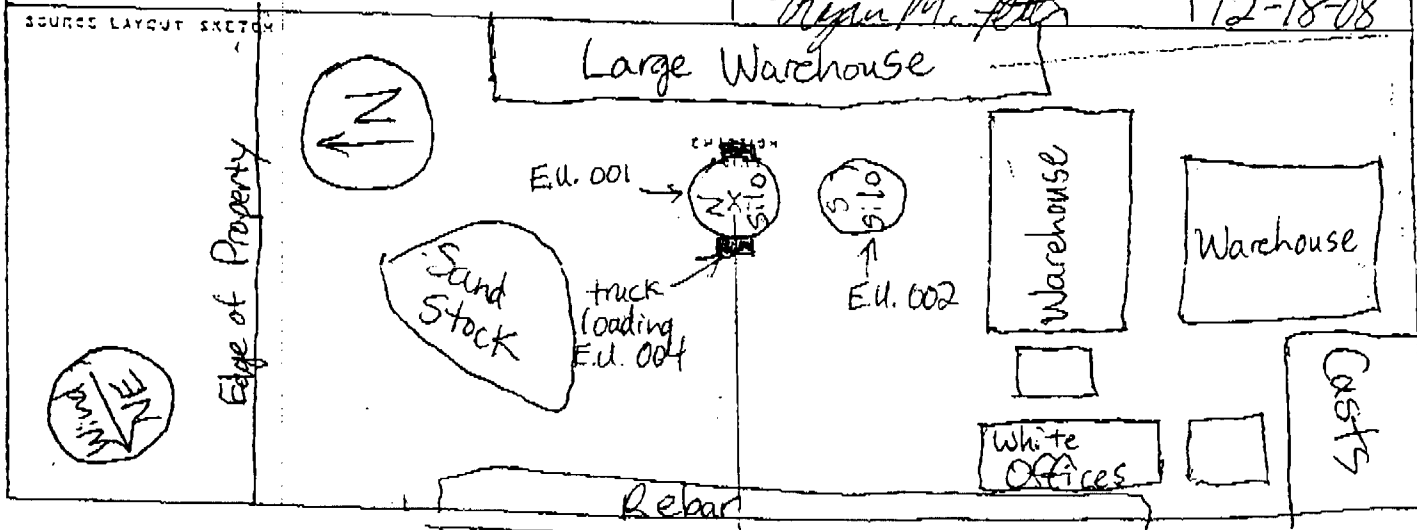
- The facility batching plant consists of two (2) cement silos, two (2) sets of aggregate bin storage, two (2) cement weigh hoppers, two (2) aggregate weigh hoppers, one (1) 2-1/2 yard turbine mixer and one (1) cement-to-truck drop. Particulate emissions generated from both the silo loading operations and the batching operations are controlled by one (1) C & W Model RA-140 central dust collection system with multiple vacuum pick up points.
- This facility operates no emission units other than the concrete batching plant and emission units which are exempt from permitting.
- This facility is not a Title V source as defined in Rule 62-210.200, F.A.C.
- This facility is not subject to a particulate matter RACT emission limiting standard.
- The results of the latest Visible Emission Compliance Test, performed December 18, 2008 and submitted to the Hillsborough County Environmental Protection Commission, are attached.

SOURCE NAME <b>Cast-Crete Corporation</b>		PROJECT NUMBER <b>2008125</b>		OBSERVATION DATE <b>12-18-08</b>	
LOCATION <b>6324 CR 579 Saffner, FL 33584</b>		PERMIT ID <b>0570180-003-AG</b>		OBSERVER'S NAME (PRINT) <b>Ryan Fetter</b>	
PROCESS <b>Silo Loading</b>		CONTROL EQUIPMENT <b>baghouse</b>		CERTIFIED BY <b>ETA/EDEP</b>	
DESCRIBE EMISSION POINT <b>Square vent at top of silo</b>		START TIME <b>1319</b>		STOP TIME <b>1349</b>	
EMISSION POINT HEIGHT ABOVE GROUND LEVEL <b>~50'</b>		EMISSION POINT HEIGHT RELATIVE TO OBSERVER <b>~45'</b>		DATE REC. <b>2-12-08</b>	
DISTANCE TO EMISSION POINT <b>~150'</b>		DIRECTION TO EMISSION POINT <b>290°</b>			
DESCRIBE EMISSIONS <b>none observed</b>					
COLOR OF EMISSIONS <b>n/a</b>		CONTINUOUS INTERMITTENT <b>n/a</b>			
WATER VAPOR PRESENT <b>NO</b>		IF YES, IS PLUME ATTACHED <b>n/a</b>			
AT WHAT POINT WAS CAPACITY DETERMINED <b>0-5' from vent opening</b>					
DESCRIBE BACKGROUND <b>Cloudy skies, aluminum piping</b>					
COLOR OF BACKGROUND <b>grey, brown, white</b>		SKY CONDITIONS <b>overcast</b>			
WIND SPEED <b>0-2 mph</b>		WIND DIRECTION <b>NE</b>			
AMBIENT TEMPERATURE <b>78.8° F</b>		RELATIVE HUMIDITY <b>65%</b>			
REMARKS <b>E.U. 001 North Silo Loading</b>					
		AVERAGE CAPACITY <b>0%</b>		RANGE OF CAPACITY READINGS FROM <b>0%</b> TO <b>0%</b>	
		OBSERVER'S SIGNATURE <i>Ryan M. Fetter</i>		DATE <b>12-18-08</b>	



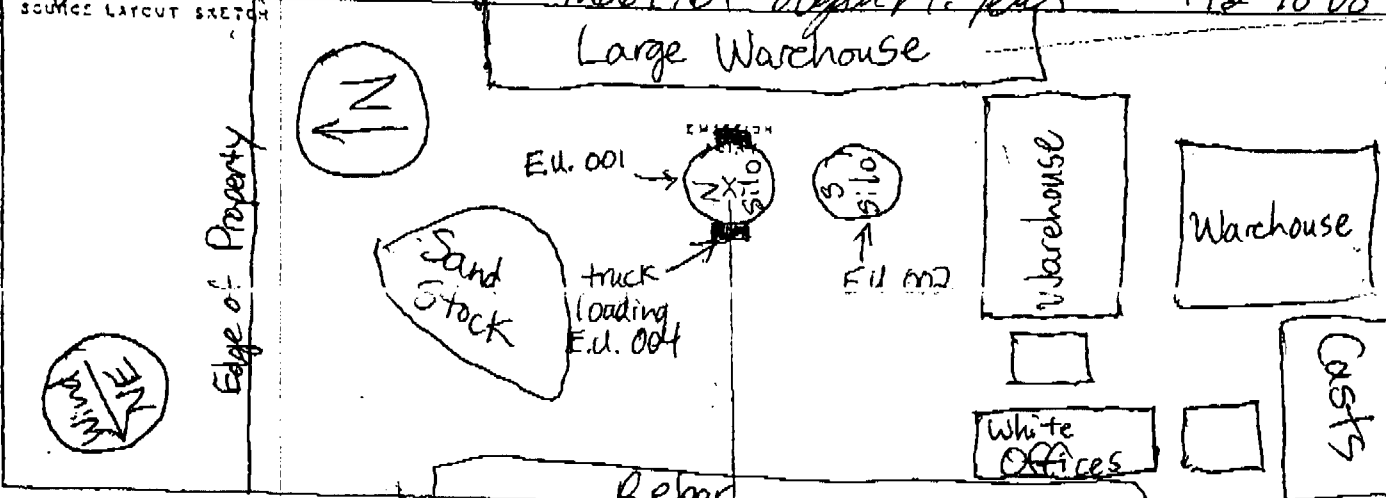
5119 North Florida Avenue Tampa, Florida 33607 (813) 237-7811  
 observation point

SOURCE NAME <b>Cast-Crete Corporation</b>		PROJECT NUMBER <b>2008125</b>	REGISTRATION DATE <b>12-18-08</b>
LOCATION <b>6324 CR 579 Seffner, FL 33584</b>		OPERATOR'S NAME (PRINT) <b>Ryan Fetter</b>	DATE <b>2-12-08</b>
PERMIT # <b>0570180-003-AG</b>		CERTIFIED BY <b>ETA/EDEP</b>	
PROCESS <b>Silo Loading</b>	CONTRACT EQUIPMENT <b>baghouse</b>	START TIME <b>1403</b>	STOP TIME <b>1433</b>
DESCRIBE EMISSION POINT <b>Square vent at top of silo</b>	EMISSION POINT HEIGHT ABOVE GROUND LEVEL <b>~50'</b>	EMISSION POINT HEIGHT RELATIVE TO OBSERVER <b>~45'</b>	
DISTANCE TO EMISSION POINT <b>~150'</b>	DIRECTION TO EMISSION POINT <b>286°</b>		
DESCRIBE EMISSIONS <b>none observed</b>			
COLOR OF EMISSIONS <b>n/a</b>	CONTINUOUS <b>n/a</b>	INTERMITTENT <b>n/a</b>	
HAZARDOUS VAPOR PRESENT <b>NO</b>	IF YES, IS PLUME ATTACHED <b>n/a</b>		
AT WHAT POINT WAS CAPACITY DETERMINED <b>0-5' from vent</b>			
DESCRIBE BACKGROUND <b>clouds, silver piping</b>			
COLOR OF BACKGROUND <b>grey, white</b>	KEY CONCERNS <b>overcast</b>		
WIND SPEED <b>0-2 mph</b>	WIND DIRECTION <b>NE</b>		
AMBIENT TEMPERATURE <b>77.0° F</b>	RELATIVE HUMIDITY <b>69%</b>		
REMARKS <b>E.U. 002 South Silo Loading</b>			
AVERAGE CAPACITY <b>0%</b>		RANGE OF CAPACITY READINGS FROM <b>0%</b> TO <b>0%</b>	
OBSERVER'S SIGNATURE <i>Ryan M. Fetter</i>			DATE <b>12-18-08</b>



VISIBLE EMISSION OBSERVATION FORM

SOURCE NAME <b>Cast-Crete Corporation</b>		PROJECT NUMBER <b>2008125</b>	OBSERVATION DATE <b>12-18-08</b>
LOCATION <b>6324 CR 579 Seffner, FL 33584</b>		OBSERVER'S NAME (PRINT) <b>Ryan Fetter</b>	CERTIFIED BY <b>ETA/EDEP</b>
PERMIT # <b>0570180-003-AG</b>		START TIME <b>1326</b>	STOP TIME <b>1444</b>
PROCESS <b>Cement Truck Loading baghouse/chute</b>		DESCRIBE EMISSION POINT <b>Chute encircled by black rubber</b>	
CONTACT EQUIPMENT		EMISSION POINT HEIGHT ABOVE GROUND LEVEL <b>~12'</b>	
EMISSION POINT HEIGHT RELATIVE TO OBSERVER <b>~7'</b>		DIRECTION TO EMISSION POINT <b>290°</b>	
DISTANCE TO EMISSION POINT <b>~150'</b>		DESCRIBE EMISSIONS <b>brown dust-like clouds</b>	
COLOR OF EMISSIONS <b>brown</b>		CONTINUOUS <input type="checkbox"/> POSITIVE <input checked="" type="checkbox"/> INTERMITTENT	
IF YES, IS PLUME ATTACHED <b>n/a</b>		IF YES, IS PLUME ATTACHED <input type="checkbox"/> DETACHED	
AT WHAT POINT WAS CAPACITY DETERMINED <b>0-5' surrounding chute and rubber</b>		DESCRIBE BACKGROUND <b>cloudy skies, building, forklifts</b>	
COLOR OF BACKGROUND <b>grey, brown, white</b>		WIND SPEED <b>0-2 mph</b>	
WIND DIRECTION <b>NE</b>		WIND DIRECTION	
AMBIENT TEMPERATURE <b>78.8°F</b>		RELATIVE HUMIDITY <b>65%</b>	
REMARKS <b>E.U. 004 Cement Truck Loading Truck #1 observed (1326-1344) stopped Truck #2 observed (1431-1444) stopped Highest 6-minute average = 1.667%</b>		AVERAGE CAPACITY <b>0.71%</b>	
		RANGE OF CAPACITY READINGS <b>FROM 0% TO 10%</b>	
		OBSERVER'S SIGNATURE <b>Ryan M. Fetter</b>	
		DATE <b>12-18-08</b>	



Cast-Crete Corporation  
VE test 12/18/08, E.U. 004

	15	30	45	60		6 Minute averages				
1	0	0	0	0	0					
2	0	0	0	0	0					
3	0	5	0	5	10					
4	5	0	0	0	5					
5	0	5	0	0	5					
6	0	0	0	0	0	0.8	0.8	0.8	0.8	
7	0	0	0	0	0	0.8	0.8	0.8	0.8	
8	0	0	0	5	5	1.0	1.0	1.0	1.0	
9	0	5	0	0	5	0.8	0.6	0.6	0.6	
10	0	0	0	0	0	0.6	0.6	0.4	0.4	
11	0	0	0	0	0	0.4	0.6	0.6	1.0	
12	5	0	10	5	20	1.3	1.3	1.3	1.3	
13	0	0	0	0	0	1.3	1.5	1.5	1.7	
14	5	0	5	0	10	1.5	1.5	1.3	1.3	
15	0	0	0	0	0	1.3	1.3	1.3	1.3	
16	0	0	0	0	0	1.3	1.3	1.3	1.3	
17	0	0	0	0	0	1.3	1.0	1.0	0.6	
18	0	0	0	0	0	0.4	0.4	0.4	0.4	
19	0	0	0	0	0	0.4	0.2	0.2	0.0	
20	0	0	0	0	0	0.0	0.0	0.0	0.4	
21	0	0	10	5	15	0.6	0.6	0.8	0.8	
22	0	5	0	0	5	0.8	0.8	0.8	0.8	
23	0	0	0	0	0	0.8	0.8	0.8	0.8	
24	0	0	0	0	0	0.8	0.8	0.8	0.8	
25	0	0	0	0	0	0.8	0.8	0.8	0.8	
26	0	0	0	0	0	0.8	0.8	0.8	0.4	
27	0	0	0	0	0	0.2	0.2	0.0	0.0	
28	0	0	0	0	0	0.0	0.2	0.2	0.2	
29	5	0	0	0	5	0.2	0.2	0.2	0.2	
30	0	0	0	0	0	0.2				
	20	20	25	20	85					
	30 minute average =					0.71				
						1.458	1.458	1.458	1.667	

Maximum 6 minute values



PROCESS RATE STATEMENT


PLANT: Cast - Crete Corporation  
 SOURCE: E.U. 001  
 DESCRIPTION: North Cement Storage Silo #1  
 LOCATION: 6324 CR 579, Seffner, FL 33584  
 PERMIT NO. 0570180-003-AG  
 POINT ID: 001  
 TEST DATE: 12-18-08  
 TEST INTERVAL: 30 minutes

PROCESS RATE

<u>PARAMETER</u>	<u>TEST DATA</u>	<u>UNITS</u>	<u>PERMIT SPECIFICATION</u>
EU. 001 North Silo	25	tons/hour	normal operating rate

COMMENTS:

I hereby certify that the above stated process rate and compliance test data are true and correct to the best of my knowledge.

Signed   
 Name DELBERT WHITT  
 Title Plant Manager

PROCESS RATE STATEMENT

PLANT: Cast-Crete Corporation  
 SOURCE: E.U. 002  
 DESCRIPTION: South Cement Storage Silo #2  
 LOCATION: 6324 CR 579, Seffner, FL 33584  
 PERMIT NO.: 0570180-003-AG  
 POINT ID: 002  
 TEST DATE: 12-18-08  
 TEST INTERVAL: 30 minutes

PROCESS RATE

<u>PARAMETER</u>	<u>TEST DATA</u>	<u>UNITS</u>	<u>PERMIT SPECIFICATION</u>
<u>E.U. 002 South Silo</u>	<u>25</u>	<u>tons/hour</u>	<u>normal operating rate</u>

COMMENTS:

I hereby certify that the above stated process rate and compliance test data are true and correct to the best of my knowledge.

Signed: [Signature]  
 Name: Delbert Willett  
 Title: Plant Manager

PROCESS RATE STATEMENT

PLANT: Cast-Crete Corporation  
 SOURCE: E.U. 004  
 DESCRIPTION: Cement Truck Loading Operation  
 LOCATION: 6324 CR 579 Sefton, PA 13354  
 PERMIT NO.: 0570180-003-AG  
 POINT ID: 004  
 TEST DATE: 12-18-08  
 TEST INTERVAL: 30 minutes

PROCESS RATE

<u>PARAMETER</u>	<u>TEST DATA</u>	<u>UNITS</u>	<u>PERMIT SPECIFICATION</u>
<u>E.U. 004 Cement Truck Loading</u>	<u>7</u>	<u>tons/hour</u>	<u>normal operating rate</u>

COMMENTS:

I hereby certify that the above stated process rate and compliance test data are true and correct to the best of my knowledge.

Signed Delbert Whitt  
 Name DELBERT WHITT  
 Title PLANT MANAGER

# VISIBLE EMISSIONS EVALUATOR

This is to certify that

## RYAN FETTER

met the specifications of Federal Reference Method 9 and qualifies as a visible emissions evaluator. Maximum deviation on white and black smoke did not exceed 7.5% opacity and no single error exceeding 15% opacity was incurred during the certification test conducted by Eastern Technical Associates of Raleigh, NC. This certificate is valid for six months from date of issue.

364687

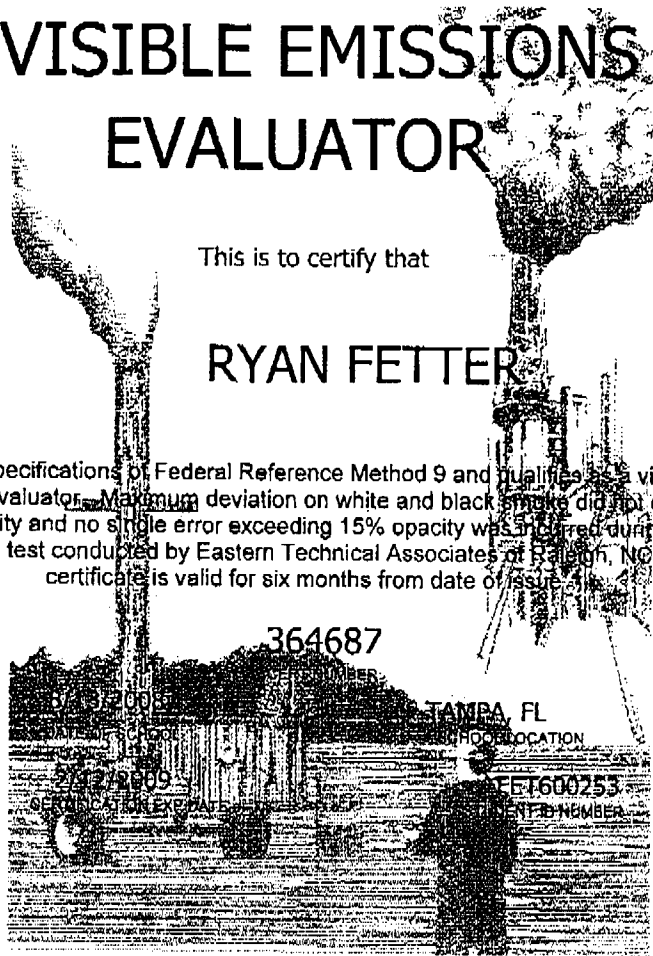
TAMPA, FL

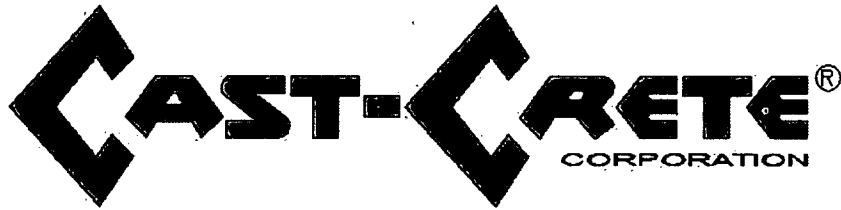
HOOD LOCATION

2008

FE1600253

EVALUATOR NUMBER





P.O. Box 24567, Tampa, Florida 33623

Telephone: (813) 621-4641 Fax: (813) 620-3602

December 23, 2008

FDEP Receipts  
PO Box 3070  
Tallahassee, Florida 32315-3070

RE: AGP No. 0570180-003-AG

The purpose and intent of this correspondence is the renewal of Cast-Crete's Air General Permit.

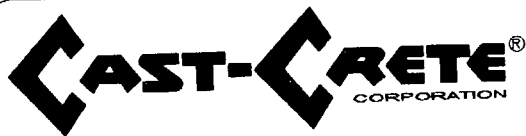
Enclosed please find a check, payable to Florida Department of Environmental Protection, in the amount of \$100.00, which is the renewal processing fee, and a completed Concrete Batching Plant Air General Permit Registration Form. Also enclosed are the results of visible emission tests performed on December 18<sup>th</sup> of this year.

Very truly yours,

A handwritten signature in black ink, appearing to read "W. J. Kardash", written in a cursive style.

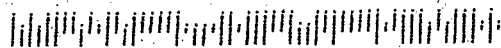
William J. Kardash, Division President  
Cast-Crete Corp.

Encl.



P. O. Box 24567, Tampa, Florida, 33623

Florida Department of Environmental  
Protection  
Receipts  
Po Box 3070  
Tallahassee, Florida, 32315-3070



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