

**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)

0950154-105

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.)

Action Ready Mix Concrete, 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.)

Action Ready Mix Concrete, Inc.

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

Street Address: 7120 Overland Road

City: Orlando

County: Orange

Zip Code: 32860

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

Not Applicable

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: Mario Mariani, President

Owner/Authorized Representative Mailing Address

Organization/Firm: Action Ready Mix Concrete, Inc.

Street Address: Post Office Box 608133

City: Orlando, Florida

County: Orange

Zip Code: 32860

Owner/Authorized Representative Telephone Numbers

Telephone: (407) 578 - 1200

Fax: (407) 578 - 2314

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: Same as above

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.


Signature

1-8-09
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.

Aggregate and sand stock piles are located within three sided cement walled wind breaks. A water spray system is utilized on the stock piles to maintain a minimum moisture content of 8 to 12 % in accordance with D.O.T. standards.

The limited roadways and yard areas are concrete, maintained and sprayed by water as necessary to control any fugitive particulate emissions resulting from the wind and intermittent vehicular traffic. Periodic accumulated particulate matter is collected and removed as necessary.

The site and various equipment on the site are maintained under a rigorous routine maintenance system to allow operational efficiency.

The one cement and one fly ash storage silos (a total of two silos) are each equipped with separate baghouses to collect and control periodically generated particulate laden air during the pneumatic loading of the silos by a tanker truck.

The truck barrels are loaded with cement product from the batch plant via an enclosed chute equipped with a rubber boot which is inserted into the truck barrel. A water spray ring is activated during the truck loading process to control any fugitive particulate.

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 purpose of this submittal is to renew existing FDEP Air General Permit No. 0950154-004-AG for a stationary concrete batch plant, designed to produce up to 120 yd³ concrete/hr. The plant contains feed bins for the sand/aggregate materials; material conveyors; an enclosed 500 Barrel capacity cement storage silo equipped with a Ross Model V-200 baghouse; and an enclosed 300 BBl capacity fly ash storage silo equipped with a Stephens Manufacturing Company Model SV-170 baghouse. Sand/aggregate materials are initially transported to the site by dump trucks and unloaded into storage piles. These materials are then equipped with water sprays to maintain a moisture content in accordance with D.O.T. job specifications. Pay loaders transfer the moist materials from the storage piles to elevated feed storage bins. The materials are then transferred from the feed bins to the plant by conveyors belts. The plant is equipped with computerized controls that regulate the quantity of moist sand/aggregate materials and dry cement and fly ash materials batch fed into truck barrels, where these products are thoroughly mixed with a regulated amount of water to form a concrete product. The facility grounds (presently approximately 90% concrete) are periodically sprayed with water as necessary to control fugitive particulate emissions resulting from truck traffic.

Particulate emissions occur during the intermittent batching process of computer-controlled quantities of sand/aggregate materials, and dry cement and fly ash products loaded into truck barrels. During the loading process, the truck is positioned under an elevated rubber boot, which is inserted into the barrel of each truck, where the materials are loaded. A water spray ring (surrounding the rubber boot) is activated during the loading process to control generated fugitive particulate emissions. Each individual truck supplies a regulated amount of water to the barrel and the materials are thoroughly mixed to form a final concrete product. Particulate emissions also occur during the pneumatic loading of cement product by a tanker truck into an elevated 500-barrel capacity storage silo. The generated particulate emissions are controlled by a Ross Model V-200 baghouse with an air to cloth ratio of 4.3 to 1 and particulate removal efficiency of approximately 99.0 %. Particulate emissions also occur during the pneumatic loading of fly ash product by a tanker truck into an elevated 300-barrel capacity storage silo. The generated particulate emissions are controlled by a Stephens Manufacturing Company Model SV-170 baghouse with a particulate removal efficiency of approximately 99.6 %.

Please see the following Attachments:

Attachment 1: A copy of the January 8, 2009 DEP Method 9 Compliance Testing Data

Attachment 2: A copy of the original notification application to operate under air general permit previously submitted to the Department in March 25, 2004.

Attachment 3: A copy of the notification from the Department issuing DEP Air General Permit No. 0950154-004-AG.

GG Receipt Copy

February 11, 2009

Ms. Jodi Dittell
Supervisor of Air Resource Management Section
Orange County Environmental Protection Department
800 Mercy Drive; Suites 4 & 5
Leeds Commerce Center
Orlando, Florida 32808

Action Ready Mix Concrete, Inc.
Concrete Batch Plant
FDEP Permit No. 0950154-004-AG

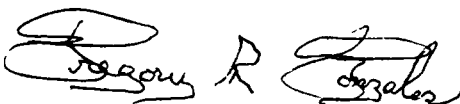
Dear Jodi:

Enclosed is your copy of the results from the DEP Method 9 compliance testing conducted on the subject source. The testing was conducted during the pneumatic loading of the cement storage silo and fly ash storage silo on Thursday January 8, 2009. Please note that the highest six-minute opacity average for both sources was 0 %. Ms. Norma Ali of your staff witnessed both testing events. It should be noted that due to lack of product demand, the batching process/cement truck load out was not operating.

Should you have any questions or comments, please do not hesitate to contact me at (407) 932-0409 or my "E-Mail" address: ggonzales5@cfl.rr.com.

Sincerely,

GG ENVIRONMENTAL SOLUTIONS, INC.



Gregory R. Gonzales
President
1430 Sara L. Street
Kissimmee, Florida 34744-2771

Enc: a/s

cc: Al Mariani – Action Ready Mix Concrete, Inc.

GRG\C: ProjectFile\ActionReadyMixConcrete\2009\OCEPDVE February11_09.doc 17:12 FEB 11 2009

RECEIVED
O.C. ENVIRONMENTAL
PROTECTION DIVISION

Attachment 1

**Action Ready Mix Concrete, Inc.
FDEP Method 9 Testing
Information**

Get free weather toolbar

Local weather in 1-click | Put weather on my desktop

Customize weather.com | Sign In



Local Weather Site Web powered by Google™

32860

Search

836-1400

weather.com

Maps | Video | Photos | World | Mobile | Alerts

Home Weather News Travel Driving & Traffic Healthy Living Home & Family Sports & Recreation Climate & Green The Weather Channel TV

TODAY'S WEATHER for Orlando, FL (32860)

RSS XML

Severe Weather Alerts for Orlando, FL (32860)

Fire Weather Warning [State warnings for FL]

Yesterday Today Tomorrow Radar Map Hour-by-Hour Weekend 10-Day Month

En Español | Top 10 Hotel Safety Tips | Flu Levels | Fishing Forecast

Right Now for Orlando, FL (32860)

Save Location [English | Metric]

Weather for your life

Weather Related to...

68°F Feels Like 68°F Fair

UV Index: 4 Moderate
Wind: From W at 7 mph
Humidity: 28%
Pressure: 29.98 in. ↓
Dew Point: 34°F
Visibility: 10.0 miles
FREE Weather on Your Desktop

Updated Jan 8 01:05 p.m. ET

Orlando Live Webcams

Book your Caribbean vacation rental now!
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St. Thomas St. Martin
St. Croix View All
for Getaway.com

VIDEO

Your Local Forecast



Launch Video for Orlando, FL (32860)
Watch Storm Video by Users

Today's Highlights

- Caught on cam: Wind blows truck over
Couple survives home sliding 300 feet
Live: Flood waters continue to rise
Teens trigger huge avalanche

More Video

Today in Orlando

- Ski Report: See resorts with the most snow
Keep your pet healthy in winter
Top 10 most polluted US cities
Flu on the rise? Check local activity
Check flight forecasts
Tips to winterize your home
Today in weather: News, tidbits and more
They said it: Most memorable quotes of '08

Orlando

Live Traffic Reports

Get breaking severe weather alerts on your desktop - FREE
Download now for free

Sponsored Listings by Google

36-Hour Forecast

Details Video Text Averages

Today Tonight Tomorrow

Going to Orlando, FL?

Orlando Hotels for \$9.99/Night and Weekly Theme Park Tix Specials!

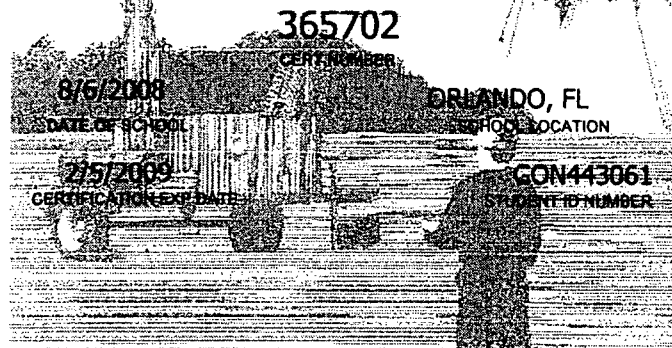
High Low High

VISIBLE EMISSIONS EVALUATOR

This is to certify that

GREGORY GONZALES

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.



STATE OF FLORIDA Visible Emissions Observation Form

| Source/Process Information | | | | Opacity Readings | | | | | | | | | |
|--|--------------------|-----------------------|--|---|---|----|----|----------------|-----|-------------|----|----|----|
| FACILITY NAME | | | | OBSERVATION | | | | START TIME | | STOP TIME | | | |
| Action Ready Mix Concrete, Inc | | | | January 8, 2009 | | | | 3:25 PM | | 4:15 PM | | | |
| SOURCE NAME | | PERMIT NO | | SEC | 0 | 15 | 30 | 45 | SEC | 0 | 15 | 30 | 45 |
| Cement Storage Silo | | 0950154-004-AG | | MIN | | | | | MIN | | | | |
| LOCATION / ADDRESS | | | | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| 7120 Overland Rd; Orlando, FL | | | | 2 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |
| CONTACT | | PHONE NO | | 3 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 |
| MARIO MARIANI | | 407-578-1200 | | 4 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 |
| PROCESS / PRODUCTION RATE | | | | 5 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 |
| 32.1 Tons/hr (SEE comments below) | | | | 6 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 |
| CONTROL EQUIPMENT | | OPERATING MODE | | 7 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| Bachouse | | Air Pulse | | 8 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 |
| FUEL TYPE/RATE | MATERIAL TYPE/RATE | PERMITTED RATE | | 9 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 |
| n/a | Cement Dust | | | 10 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 |
| DESCRIBE EMISSION POINT | | | | 11 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 |
| Cylindrical Vent | | | | 12 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 |
| HEIGHT ABOVE GROUND LEVEL | | HEIGHT TO OBSERVER | | 13 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 |
| ~50 FT | | ~46 FT | | 14 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 |
| Emissions Description | | | | 15 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 |
| DESCRIBE EMISSIONS | | | | 16 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| START NONE END NONE | | | | 17 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 |
| PLUME COLOR | | PLUME TYPE | | 18 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 |
| NONE | | NONE | | 19 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 |
| WIND DIRECTION/LET'S OBSERVE | | IF YES | | 20 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 |
| YES NO <input checked="" type="checkbox"/> | | ATTACHED DETACHED | | 21 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 |
| Meteorological Information | | | | 22 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 |
| BACKGROUND | | BACKGROUND COLOR | | 23 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 |
| START SKY END | | START Blue END Same | | 24 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 |
| SITE CONDITIONS/CLOUD COVER | | AMBIENT TEMP | | 25 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 |
| START Clear END 4 | | START ~70°F END ~70°F | | 26 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 |
| WIND SPEED | | WIND DIRECTION | | 27 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 |
| START ~5 To 8 mph END 4 | | START E-W END Same | | 28 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 |
| Observation Data, Site Diagram | | | | 29 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 |
| <p>Stack With Plume</p> <p>Sun</p> <p>Wind</p> <p>Bachouse Emission Point</p> <p>Observer's Position</p> <p>Distance ~150'</p> <p>Humidity ~28%</p> <p>Sun Location Line</p> <p>Bar Pressure ~29.98"</p> <p>NOT TO Scale</p> | | | | 30 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 |
| Comments | | | | EASTERN TECHNICAL ASSOCIATES | | | | | | | | | |
| Cement product = 26.75 Tons | | | | GREGORY GONZALES | | | | | | | | | |
| Tanker pneumatic unloading pressure = 8 To 10 PSI | | | | GON443061 STUDENT ID NUMBER | | | | | | | | | |
| [(26.75 Tons/60min)] x (60min/hr) = 32.1 Tons/hr | | | | 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 and expires on the date below. | | | | | | | | | |
| No objectionable odors were detected during test period | | | | ORLANDO, FL | | | | 8/6/2008 | | 365702 | | | |
| Six Minute opacity avg = 0% | | | | SCHOOL LOCATION | | | | DATE OF SCHOOL | | CERT NUMBER | | | |
| | | | | ORLF06 | | | | 2/5/2009 | | | | | |

STRAIGHT BILL OF LADING - SHORT FORM - ORIGINAL - NOT NEGOTIABLE

RECEIVED, subject to the applicable classification, tariff, circular and/or contract in effect on the date of the issue of this Original Bill of Lading, the property described below, in apparent good order, except as noted "contents and condition of contents of packages unknown", marked, consigned, and destined as indicated below, which said carrier (the word carrier being understood throughout this contract as meaning any person or corporation in possession of the property under the contract) agrees to carry to its usual place of delivery at said destination, if on its route, otherwise to deliver to another carrier on the route to said destination. It is mutually agreed, as to each carrier of all or any of said property over all or any portion of said route to destination, and as to each party at any time interested in all or any of said property, that every service to be performed hereunder shall be subject to all the terms and conditions of the Uniform Domestic Straight Bill of Lading set forth (1) in Uniform Freight Classification in effect on the date hereof, if this is a rail or rail-water shipment, or (2) in the National Motor Freight Classification in effect on the date hereof, if this is a motor carrier shipment.

Shipper hereby certifies that he is familiar with all the terms and conditions of the said Uniform Straight Bill of Lading set forth in the classification which governs this shipment, said terms and conditions are hereby agreed to by the shipper and accepted for himself and his assigns.

Delivery Date/Time: Jan 8, 2009 1:30 PM

Loaded On: Jan 7, 2009 1:40 PM

ACTION READY MIX
7120 OVERLAND ROAD
ORLANDO FL 32860
US

Customer Number : 000023272 *5231503*
Customer P.O. # :
Carrier : COMMERCIAL CARRIER LOGIST
Carrier ID : 0000122457

| Description | Quantity | Unit of Measure | Truck, Trailer & Pup | Silo | Gross | Tare | Net |
|---------------------------|----------|-----------------|----------------------|------|----------|----------|----------|
| Gray Portland Type I Bulk | 26.75 | TON | 6146 3972 5 51241 | 2 | 79720 LB | 26220 LB | 53500 LB |

Note: Any manually-entered weights or quantities are identified with a darker background.

Weighmaster signature

| | |
|---|---|
| Prior to signing delivery receipt, verify condition of shipment. No loss or damage claims considered unless exception is noted on Bill of Lading by consignee at time of delivery. | |
| <p align="center">CUSTOMER PICKUP</p> RECEIPT OF THE PRODUCT AND QUANTITY DESIGNATED HEREON IS ACKNOWLEDGED, FOB ORIGIN, BY CUSTOMER OR AGENT FOR CUSTOMER FOR DELIVERY TO THE CUSTOMER AND DESTINATION IDENTIFIED HEREON. | Subject to Section 7 of conditions, if this shipment is to be delivered to the consignee without recourse on the consignor, the consignor shall sign the following statement: The carrier shall not make delivery of this shipment without payment of freight and all other lawful charges. |
| COMPANY _____ AGENT _____ TRACTOR LIC. NO. _____ | PER _____ (Signature of Consignor) |
| Received by _____ (Customer's signature) | <p align="center">CHARGES ARE PREPAID UNLESS MARKED NOT PREPAID</p> CONTINENTAL FLORIDA MATERIALS INC. - SHIPPER PER - |
| The description and weight indicated on this Bill of Lading are correct subject to verification by the respective Weight and Inspection Bureau according to Agreement CONTINENTAL FLORIDA MATERIALS INC. - SHIPPER | RECEIVED BY CARRIER AGENT ABOVE PER - <i>Pete Henry</i> |

STATE OF FLORIDA

Visible Emissions Observation Form

| Source/Process Information | | | | Opacity Readings | | | | | | | | | |
|---|--|--------------------------|--|------------------|---|----|------------|----|-----------|---|----|----|----|
| FACILITY NAME | | | | OBSERVATION | | | START TIME | | STOP TIME | | | | |
| ACTION Ready Mix Concrete Inc | | | | Jan 8, 2009 | | | 4:40 PM | | 5:25 PM | | | | |
| SOURCE NAME | | PERMIT NO | | SEC | 0 | 15 | 30 | 45 | SEC | 0 | 15 | 30 | 45 |
| FLY ASH Storage Silo | | 095 0154-004-AG | | MIN | | | | | MIN | | | | |
| LOCATION / ADDRESS | | | | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 |
| 7120 Overland Rd. Orlando, FL | | | | 2 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 |
| CONTACT | | PHONE NO | | 3 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 |
| MARIO MARIANI | | 407-578-1200 | | 4 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 |
| PROCESS / PRODUCTION RATE | | | | 5 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 |
| 35.53 Tons/hr (SEE COMMENTS below) | | | | 6 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 |
| CONTROL EQUIPMENT | | OPERATING MODE | | 7 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 |
| Baghouse | | Auto Pulse | | 8 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 |
| FUEL TYPE / RATE | | MATERIAL TYPE / RATE | | 9 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 |
| N/A | | FLY ASH | | 10 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 |
| DESCRIBE EMISSION POINT | | | | 11 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 |
| Rectangular vent | | | | 12 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 |
| HEIGHT ABOVE GROUND LEVEL | | HEIGHT TO OBSERVER | | 13 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 |
| ~60 ft | | ~54 ft | | 14 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 |
| Emissions Description | | | | 15 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 |
| DESCRIBE EMISSIONS | | | | 16 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 |
| START None | | END None | | 17 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 |
| PLUME COLOR None | | PLUME TYPE None | | 18 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 |
| WIND/DIRECTION/ATTACHED | | | | 19 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 |
| YES ___ NO <input checked="" type="checkbox"/> ATTACHED ___ DETACHED ___ | | | | 20 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 |
| Meteorological Information | | | | 21 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 |
| BACKGROUND START Baghouse | | BACKGROUND END Same | | 22 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 |
| SITE CONDITIONS CLOUD COVER START Clear | | AMBIENT TEMP START ~70°F | | 23 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 |
| END 4 | | END ~68°F | | 24 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 |
| WIND SPEED VARIABLE | | WIND DIRECTION START E-W | | 25 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 |
| START ~5 to 8 mph | | END S | | 26 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 |
| Observation Data, Site Diagram | | | | 27 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 |
| <div style="display: flex; justify-content: space-between;"> <div style="width: 45%;"> <p>Stack With Plume </p> <p>Sun </p> <p>Wind </p> </div> <div style="width: 45%;"> <p>Draw North Arrow </p> <p>Wind </p> </div> </div> <div style="text-align: center; margin-top: 20px;"> </div> <p>Rel Humidity ~28% Sun Location Line BAR Pressure ~29.98" ↓ not to scale</p> | | | | 28 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 |
| Comments FLY ASH Product = 26.65 Ton | | | | 29 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 |
| Tanker pneumatic unloading pressure = 8 to 10 PSI | | | | 30 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 |
| (26.65 ton) / (45 min) x (60 min/hr) = 35.53 tons/hr | | | | | | | | | | | | | |
| no objectionable odors were detected during test period | | | | | | | | | | | | | |
| Six minute opacity AVG = 0% | | | | | | | | | | | | | |

EASTERN TECHNICAL ASSOCIATES

GREGORY GONZALES

GON443061 STUDENT ID NUMBER

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 or averaging 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 and expires on the date below.

ORLANDO, FL

8/6/2008

365702

SCHOOL LOCATION

DATE OF SCHOOL

CERT NUMBER

ORLF06

2/5/2009

LAST LECTURE

CERTIFICATION EXP DATE

BEARER

Headwaters Resources - OUC

5100-So. Alafaya Trail

Orlando, FL 32831

Ticket No :43026918

Date :1/8/2009

Phone :(407)273-9221

Fax :(407)273-6507

Customer: VACTREA01
ACTION READY MIX CONCRETE, INC
PO BOX 608133

ORLANDO, FL 32860

Order No : LOCKHART
LOCKHART

Loads : 298

Miles : 0

Tons : 4,022.60

Truck : CCC6131 COMMERCIAL CARRIERS CORP

Material: FLYASHOTHFly Ash - Other

Location: ORL UTIL Orlando Utilities

\$0.00/tn

Gross: 79420 lb Scale 2 Out 12:45 pm

Tare: 26120 lb Scale 2 In 12:23 pm

Net: 53300 lb

26.650 tn

Weigh Master: AUTO

Remarks: 20583

Driver:

Material \$ 0.00

Delivery \$ 0.00

Misc \$ 0.00

Tax \$ 0.00

Total \$ 0.00



ecology and environment, inc.

International Specialists in the Environment

4763 S. Conway Road, Suite F, Orlando, Florida 32812
Tel:(407)852-7001 Fax:(407)852-7369

March 24, 2004

Mr. Jeff Rustin, P.E.
Florida Department of Environmental Protection
Division of Air Resource Management
3319 Maguire Blvd; Suite 232
Orlando, Florida 32803-3767

Action Ready Mix Concrete, Inc.
FDEP Permit No. 0950154-003-AO
Concrete Batch Plant

Dear Mr. Rustin:

This correspondence is being submitted at the request of our client, Action Ready Mix Concrete, Inc. Please find enclosed:

1. Four (4) copies of FDEP Form No. 62-210.920(7) Division of Air Resource Management Concrete Batching Plant Air General Permit Notification Form for the subject concrete batch plant. Please note that this notification form submittal also includes the following attachments:
 - Attachment 1 - Particulate Emission Calculations.
 - Attachment 2 - FDEP Method 9 Compliance Testing Data.
2. Action Ready Mix Concrete, Inc. check number 15720, in the amount of \$100.00, made payable to the Florida Department of Environmental Protection, for the application-processing fee necessary to obtain the five-year air general permit.

Based on our March 3, 2004 telephone conversation, it is our understanding that:

1. Publication of the required "FDEP Notice of Air General Permit Notification" listed in the instructions of FDEP Form No. 62-210.920(7), is intended for sources that do not currently have an active FDEP permit.
2. Action Ready Mix Concrete, Inc. previously published a FDEP Intent To Issue statement notifying the public of FDEP's intent to issue a permit for the concrete batching plant (a necessary prerequisite to obtaining the current FDEP Permit No. 0950154-003-AO). Because the existing permit for this source is active, it is therefore not necessary to advertise an additional public notice for the concrete batch plant.
3. In accordance with the requirements of DEP Form No. 62-210.920(7); Part I. Procedures For Use of Air General Permit (1) Eligibility Determination (b), the subject permit is being surrendered to the FDEP and will be replaced by this new Concrete Batching Plant Air General Operating Permit.



ACTION READY MIX CONCRETE INC.
 P O Box 608133 Ph 407-578-1200
 Orlando, FL 32860-8133

15720

63-751/631
 BRANCH 03681

DATE 3-22-04

PAY
 TO THE
 ORDER OF

F. D. E. P.

\$ 100.00

A. R. M. 100 DOLS 00 CTS

DOLLARS



Security
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 Details on
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FOR

#0950154-003-A0

[Handwritten Signature]

MP

CHARLAND STYLE (008)



Department of Environmental Protection

Division of Air Resource Management

CONCRETE BATCHING PLANT AIR GENERAL PERMIT NOTIFICATION FORM

Part III. Notification of Intent to Use General Permit

(Submit this Part to the appropriate permitting office and keep copy of completed form onsite. Instructions follow.)

Instructions to Owner or Operator: To give notice to the Department of an eligible facility's intent to use the concrete batching plant air general permit, the owner or operator of the facility must detach and complete Part III of this Concrete Batching Plant Air General Permit Notification Form and submit it to the appropriate Department of Environmental Protection district office or local air pollution control program office which has been delegated permitting authority. Please type or print clearly all information and enclose the appropriate general permit processing fee pursuant to Rule 62-4.050(4)(o), F.A.C. Please note, the form will not be considered complete unless: 1) the processing fee is attached; 2) if appropriate, the proof of notice publication is attached; and 3) if the facility is existing, visible emissions testing was conducted within 60 days of submitting the form and the test results have already been submitted to the appropriate permitting authority or accompany the form. Also, please refer to the instructions for completing Part III of the notification form at the end of the form.

General Facility Information

| |
|---|
| Facility Owner/Company Name (Name of corporation, agency, or individual owner): Action Ready Mix Concrete, Inc. |
| Site Name (For example, plant name or number): Action Ready Mix Concrete, Inc. |
| Facility Location: Latitude: 28° 37' 16"N; Longitude: 81° 26' 48"W Street Address: 7120 Overland Road City: Orlando County: Orange Zip Code: 32256 |
| Facility Start-Up Date: Existing |
| Relocatable: <input type="checkbox"/> YES <input checked="" type="checkbox"/> NO |

Notification Type

| |
|--|
| Check one: <input type="checkbox"/> NEW: Notification of a proposed <i>new</i> concrete batching plant. <input checked="" type="checkbox"/> EXISTING: Notification of an <i>existing</i> permitted concrete batching plant. <input type="checkbox"/> RENEWAL: Notification for permit renewal of an <i>existing</i> concrete batching plant. |
|--|

Owner/Authorized Representative

Name and Title:

Mario Mariani, President

Owner/Authorized Representative Mailing Address:

Organization/Firm: **Action Ready Mix Concrete, Inc.**

Street Address: **Post Office Box 608133**

City: **Orlando, Florida** County: **Orange** Zip Code: **32860**

Owner/Authorized Representative Telephone Number:

Telephone: **(407) 578 - 1200** Fax: **(407) 578 - 2314**

Facility Contact (If different from Owner/Authorized Representative)

Name and Title: **Same as Above**

Facility Contact Mailing Address:

Organization/Firm:

Street Address:

City: County: Zip Code:

Facility Contact Telephone Number:

Telephone: () - Fax: () -

Facility Comments

The purpose of this submittal is to obtain a five-year Air General Operating Permit for a stationary concrete batch plant, designed to produce up to 120 yd³ concrete/hr. The plant contains feed bins for the sand/aggregate materials; material conveyors; an enclosed 500 Barrel capacity cement storage silo equipped with a Ross Model V-200 baghouse; and an enclosed 300 BBl capacity fly ash storage silo equipped with a Stephens Manufacturing Company Model SV-170 baghouse.

Sand/aggregate materials are initially transported to the site by dump trucks and unloaded into storage piles. These materials are then equipped with water sprays to maintain a moisture content in accordance with D.O.T. job specifications. Pay loaders transfer the moist materials from the storage piles to elevated feed storage bins. The materials are then transferred from the feed bins to the plant by conveyors belts.

The plant is equipped with computerized controls that regulate the quantity of moist sand/aggregate materials and dry cement and fly ash materials batch fed into truck barrels, where these products are thoroughly mixed with a regulated amount of water to form a concrete product.

The facility grounds (presently approximately 90% concrete) are periodically sprayed with water as necessary to control fugitive particulate emissions resulting from truck traffic.

Please see the following Attachments:

Attachment 1: Particulate Emission Calculations

Attachment 2: EPA Method 9 Compliance Testing Data

Emissions Unit(s) Description

Particulate emissions occur during the intermittent batching process of computer-controlled quantities of sand/aggregate materials, and dry cement and fly ash products loaded into truck barrels. During the loading process, the truck is positioned under an elevated rubber boot, which is inserted into the barrel of each truck, where the materials are loaded. A water spray ring (surrounding the rubber boot) is activated during the loading process to control generated fugitive particulate emissions. Each individual truck supplies a regulated amount of water to the barrel and the materials are thoroughly mixed to form a final concrete product.

Particulate emissions also occur during the pneumatic loading of cement product by a tanker truck into an elevated 500-barrel capacity storage silo. The generated particulate emissions are controlled by a Ross Model V-200 baghouse with an air to cloth ratio of 4.3 to 1 and particulate removal efficiency of approximately 99.0 %.

Particulate emissions also occur during the pneumatic loading of fly ash product by a tanker truck into an elevated 300-barrel capacity storage silo. The generated particulate emissions are controlled by a Stephens Manufacturing Company Model SV-170 baghouse with a particulate removal efficiency of approximately 99.6 %.

Surrender of Existing Air Permit(s) except Air General Permits (do not complete for renewal notifications)

Check one:

I hereby surrender all existing air permits authorizing operation of the facility indicated on this form; specifically permit number: 0950154-003-AO (expiration date April 30, 2004).

No air permits currently exist for the operation of the facility indicated on this form.

Owner/Authorized Representative Statement

I, the undersigned, am the owner or authorized representative of the owner or operator of the facility addressed in this Air General Permit Notification Form. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this notification are true, accurate and complete. Further, I agree to operate and maintain the facility and any air pollution control equipment described in this notification so as to comply with all applicable standards and requirements 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 notification.

Mario Acosta
Signature

3-22-07
Date

Attachment 1

**Action Ready Mix Concrete, Inc.
Particulate Emission Calculations**

Action Ready Mix Concrete, Inc.
Concrete Batch Plant
Application for FDEP Air General Operating Permit
Particulate Emission Calculations

Plant Assumptions

Approximate Composition of 1 yd³ of central mix concrete:

| | | |
|--|---|--|
| Coarse aggregate | = | 1,865 lbs. |
| Sand | = | 1,428 lbs. |
| Cement | = | 491 lbs. |
| Cement supplement | = | 73 lbs. |
| *Water | = | 20 gallons (8.34 lb/gal) |
| Operating hours of batch plant | = | permitted as unlimited |
| Pneumatic loading rate of cement storage silo | = | ~30 tons/hr of cement loaded |
| Pneumatic loading rate of fly ash storage silo | = | ~30 tons/hr of cement loaded |
| Pneumatic loading pressure of storage silo | = | 10 to 12 PSI |
| Batching operation dust control | = | baghouse (99% efficiency) |
| Truck load out operation | = | 12 trucks per hour (10 yd ³ per truck) |
| Aggregate/sand stockpile size | = | ~ 500 to 750 tons each |
| Stockpile dust control | = | water spray system/D.O.T. standards |
| Truck traffic roadway dust control | = | roadways are periodically sprayed with water to prevent dust |

Particulate Emissions Factors

AP-42 Table 11.12-4; 10/01 Edition

| | | |
|-----------------------------------|---|--|
| Total Particulate Emission Factor | = | 0.036 lbs per yd ³ for total facility |
| PM-10 Particulate Emission Factor | = | 0.017 lbs per yd ³ for total facility |

Total Particulate Emission Calculations

$$[(12 \text{ trucks/hour}) \times (10 \text{ yd}^3/\text{truck})] \times (0.036 \text{ lbs/yd}^3 \text{ concrete}) = 14.32 \text{ lb/hr}$$

$$[(4.32 \text{ lb/hr}) \times (8,760 \text{ hr/yr})] / (2,000 \text{ lb/ton}) = 18.92 \text{ ton/yr}$$

PM-10 Particulate Emission Calculations

$$[(12 \text{ trucks/hour}) \times (10 \text{ yd}^3/\text{truck})] \times (0.017 \text{ lbs/yd}^3 \text{ concrete}) = 2.04 \text{ lb/hr}$$

$$[(2.04 \text{ lb/hr}) \times (8,760 \text{ hr/yr})] / (2,000 \text{ lb/ton}) = 8.94 \text{ ton/yr}$$

* The above presents an example of the typical composition of 1 yd³ of central mix concrete. It should be noted that Action Ready Mix Concrete, Inc. utilizes a dry batching process. During the truck loading operation, premeasured amounts of moist sand/aggregate and dry cement and fly ash are loaded into a truck barrel containing a premeasured amount of water, where the materials are mixed to form a concrete product.

TABLE 11.12-3 (ENGLISH UNITS)
PLANT WIDE EMISSION FACTORS PER YARD OF TRUCK MIX CONCRETE ^a

| | Uncontrolled | | Controlled | |
|---|-----------------------------|--------------------------------|-----------------------------|--------------------------------|
| | PM (lb/yd ³) | PM-10 (lb/yd ³) | PM (lb/yd ³) | PM-10 (lb/yd ³) |
| Aggregate delivery to ground storage (3-05-011-21) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand delivery to ground storage (3-05-011-22) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Aggregate transfer to conveyor (3-05-011-23) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand transfer to conveyor (3-05-011-24) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Aggregate transfer to elevated storage (3-05-011-04) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand transfer to elevated storage (3-05-011-05) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Cement delivery to Silo (3-05-011-07 controlled) | 0.0002 | 0.0001 | 0.0002 | 0.0001 |
| Cement supplement delivery to Silo (3-05-011-17 controlled) | 0.0003 | 0.0002 | 0.0003 | 0.0002 |
| Weigh hopper loading (3-05-011-08) | 0.0079 | 0.0038 | 0.0079 | 0.0038 |
| Truck mix loading (3-05-011-10) | 0.17 | 0.042 | 0.058 | 0.014 |
| Total Facility (3-05-011-01) | 0.20 | 0.058 | 0.090 | 0.030 |

TABLE 11.12-4 (ENGLISH UNITS)
PLANT WIDE EMISSION FACTORS PER YARD OF CENTRAL MIX CONCRETE ^a

| | Uncontrolled | | Controlled | |
|---|-----------------------------|--------------------------------|-----------------------------|--------------------------------|
| | PM (lb/yd ³) | PM-10 (lb/yd ³) | PM (lb/yd ³) | PM-10 (lb/yd ³) |
| Aggregate delivery to ground storage (3-05-011-21) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand delivery to ground storage (3-05-011-22) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Aggregate transfer to conveyor (3-05-011-23) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand transfer to conveyor (3-05-011-24) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Aggregate transfer to elevated storage (3-05-011-04) | 0.0064 | 0.0031 | 0.0064 | 0.0031 |
| Sand transfer to elevated storage (3-05-011-05) | 0.0015 | 0.0007 | 0.0015 | 0.0007 |
| Cement delivery to Silo (3-05-011-07 controlled) | 0.0002 | 0.0001 | 0.0002 | 0.0001 |
| Cement supplement delivery to Silo (3-05-011-17 controlled) | 0.0003 | 0.0002 | 0.0003 | 0.0002 |
| Weigh hopper loading (3-05-011-08) | 0.0079 | 0.0038 | 0.0079 | 0.0038 |
| Central mix loading (3-05-011-09) | 0.063 | 0.022 | 0.0031 | 0.0011 |
| Total Facility (3-05-011-01) | 0.095 | 0.037 | 0.036 | 0.017 |

^a Total facility emissions do not include road dust and wind blown dust. Based upon emission factors presented in Table 11.12-2 and the following composition of one yard of concrete

| | |
|-------------------|--------------|
| Coarse Aggregate | 1865. pounds |
| Sand | 1428. pounds |
| Cement | 491. pounds |
| Cement Supplement | 73. pounds |
| Water | 20. gallons |

Attachment 2

**Action Ready Mix Concrete, Inc.
FDEP Method 9 Compliance Testing Data**



ecology and environment, inc.

International Specialists in the Environment

4763 S. Conway Road, Suite F, Orlando, Florida 32812
Tel: (407) 852-7001 Fax: (407) 852-7369

March 24, 2004

Mr. Gregory Bryant
Division of Air Resource Management
Orange County Environmental Protection Department
800 Mercy Drive; Suites 4 & 5
Leeds Commerce Center
Orlando, Florida 32808

**Action Ready Mix Concrete, Inc.
Concrete Batch Plant
FDEP Permit No. 0950154-003-AO**

Dear Mr. Bryant:

Please find enclosed your copy of the results from the FDEP Method 9 compliance testing conducted on the subject source. The testing was conducted during the pneumatic loading of the cement storage silo on March 15, 2004 and the fly ash storage silo on March 17, 2004. Please note that the highest six-minute opacity average was 0 %. Mr. John Casper of your staff witnessed both testing events.

Should you have any questions or comments, please do not hesitate to call.

Sincerely,

Ecology and Environment, Inc.

Gregory R. Gonzales
Environmental Scientist

For Joseph L. Tessitore, P.E.
Principal Engineer/Manager

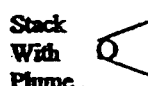


Enclosures: a/s

cc: Al Mariani - Action Ready Mix Concrete

GRG\CBE&E\Orlando\ActionReadyMixConcrete\2004\OCEPDVE1.doc

001902.AN07.01

STATE OF FLORIDA
Visible Emissions Observation Form

| Source/Process Information | | | | Opacity Readings | | | | | | | | | | |
|--|--|---|--|-------------------------------|---|----|----|---------------------------|-----|--------------------------|----|----|----|---|
| FACILITY NAME <i>Action Ready Mix Concrete, Inc</i> | | | | OBSERVATION <i>3-15-04</i> | | | | START TIME <i>2:58</i> | | STOP TIME <i>3:41</i> | | | | |
| SOURCE NAME <i>Fly Ash Silo</i> | | PERMIT NO. <i>0950154-003-A0</i> | | SEC | 0 | 15 | 30 | 45 | MIN | 0 | 15 | 30 | 45 | |
| LOCATION / ADDRESS <i>7120 Overland Rd, Orlando, FL</i> | | | | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | |
| CONTACT <i>AL MAIANI</i> | | PHONE NO. | | 2 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | |
| PROCESS / PRODUCTION RATE <i>SEE PROCESS DATA SHEET</i> | | | | 3 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | |
| CONTROL EQUIPMENT <i>Dachhouse</i> | | OPERATING MODE <i>White Sign</i> | | 4 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | |
| FUEL TYPE / RATE <i>n/a</i> | | MATERIAL TYPE / RATE <i>Concrete Dust</i> | | PERMITTED RATE | | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | |
| DESCRIBE EMISSION POINT <i>Rectangular vent</i> | | | | 6 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | |
| HEIGHT ABOVE GROUND LEVEL <i>~60 FT</i> | | HEIGHT TO OBSERVER <i>~54 FT</i> | | 7 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | |
| Emissions Description | | | | 8 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | |
| DESCRIBE EMISSIONS START <i>none</i> END <i>same</i> | | | | 9 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 |
| PLUME COLOR | | PLUME TYPE | | 10 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | |
| WATER DROPLETS PRESENT YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | IF YES ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> | | 11 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | |
| Meteorological Information | | | | 12 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | |
| BACKGROUND START <i>sky</i> END <i>same</i> | | BACKGROUND COLOR START <i>orange</i> END <i>same</i> | | 13 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | |
| SITE CONDITIONS / CLOUD COVER START <i>overcast</i> END <i>4</i> | | AMBIENT TEMP START <i>~77°F</i> END <i>80</i> | | 14 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | |
| WIND SPEED START <i>variable</i> END <i>7 mph</i> | | WIND DIRECTION START <i>Fr SW</i> END <i>0</i> | | 15 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | |
| Observation Data, Site Diagram <i>Rel. Humidity ~60%</i> | | | | 16 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | |
| Stack With Plume  | | | | 17 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | |
| Sun  | | | | 18 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | |
| Wind  | | | | 19 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | |
| Distance <i>~65'</i> | | | | 20 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | |
| Observer's Position <i>140°</i> | | | | 21 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | |
| Sun Location Line <i>overcast</i> | | | | 22 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | |
| Scale <i>NOT TO SCALE</i> | | | | 23 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | |
| Dachhouse Emission Point | | | | 24 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | |
| Stomach Silo | | | | 25 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | |
| Observer's Position | | | | 26 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | |
| Sun Location Line | | | | 27 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | |
| Scale | | | | 28 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | |
| Scale | | | | 29 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | |
| Scale | | | | 30 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | |

Comments *Test - 46 min.*

opacity = 0. uncalibrated pressure = 9.155

Fly Ash = 25.2 tons

(25.2 tons) / 46 min = 0.5478 tons/min x 60 min/hr = 32.87 tons/hr

No observable odors were detected during test period.

GREGORY GONZALES

has completed the STATE OF FLORIDA visible emissions evaluation training and is a qualified observer of visible emissions as specified by EPA Reference Method 9.

8/12/2004

FIELD EXPIRATION DATE _____ LECTURE EXPIRATION DATE _____

Ecology and Environment, Inc.
4763 South Conway Road
Orlando, Florida 32812

Phone - (407) 852-7001
Fax - (407) 852-7369

PROCESS DATA SHEET

DATE March 15, 2004 TESTING TIME 2:58p.m. to 3:44 p.m.

SOURCE INFORMATION

COMPANY Action Ready Mix Concrete, Inc.

ADDRESS 7120 Overland Road, Orlando, Florida 32810

SOURCE IDENTIFICATION: FDEP Permit No. 0950154-003-AO Concrete Batch Plant (Flyash Storage Silo)

SOURCE LOCATION (IF DIFFERENT FROM ABOVE) _____

STATEMENT OF PROCESS WEIGHT

INPUT PROCESS RATE DURING TESTING TIME 32.9 tons/hr of flyash

PRODUCTION RATE DURING TESTING TIME -

Flyash product in tanker truck = 25.2 tons
Tanker pneumatic unloading pressure = 8 to 10 psi
Tanker unloading time to silo = 46 minutes

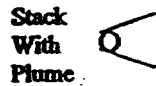

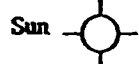
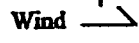
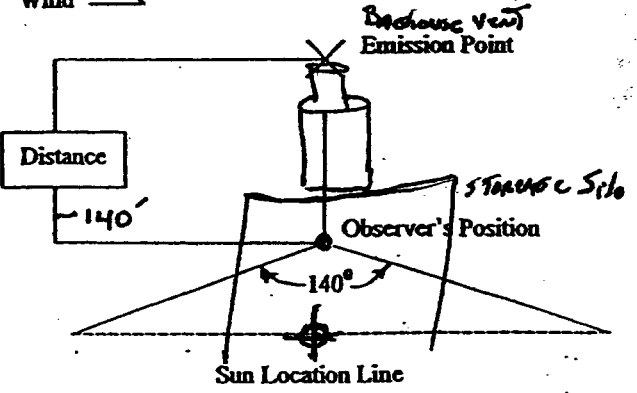
$\frac{25.2 \text{ tons flyash}}{46 \text{ minute unloading time}} \times \frac{60 \text{ minutes}}{\text{hour}} = 32.9 \text{ ton/hr flyash loaded into storage silo}$

I certify that the above statement is true to the best of my knowledge and belief.

Name Al Mariani Signature *Al Mariani*

Title Secretary Treasurer Date 3-22-04

STATE OF FLORIDA Visible Emissions Observation Form

| Source/Process Information | | | | Opacity Readings | | | | | | | | | | | |
|---|--|---|--|-------------------------------|---|----|----|------------------------------|-------|-----------------------------|----|----|----|----|---|
| FACILITY NAME Action Ready Mix Concrete, LLC | | | | OBSERVATION 3-17-04 | | | | START TIME 2:51 PM | | STOP TIME 3:46 PM | | | | | |
| SOURCE NAME Cement Storage Silo | | FORMAT NO. 0950154-003-AD | | SEC | 0 | 15 | 30 | 45 | 15SEC | 0 | 15 | 30 | 45 | | |
| LOCATION / ADDRESS 7120 Ovcaland Rd. Orlando, FL | | | | MIN | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | |
| CONTACT Al Mariani | | | | 1 | 0 | 0 | 0 | 0 | 31 | 0 | 0 | 0 | 0 | 0 | |
| PROCESS / PRODUCTION RATE SEE Process Data Sheet | | | | 2 | 0 | 0 | 0 | 0 | 32 | 0 | 0 | 0 | 0 | 0 | |
| CONTROL EQUIPMENT Boghouse | | OPERATING MODE Pulse Flow | | 3 | 0 | 0 | 0 | 0 | 33 | 0 | 0 | 0 | 0 | 0 | |
| FUEL TYPE / RATE n/a | MATERIAL TYPE / RATE Fly Ash | PERMITTED RATE | | 4 | 0 | 0 | 0 | 0 | 34 | 0 | 0 | 0 | 0 | 0 | |
| DESCRIBE EMISSION POINT Cylindrical stack vent | | | | 5 | 0 | 0 | 0 | 0 | 35 | 0 | 0 | 0 | 0 | 0 | |
| HEIGHT ABOVE GROUND LEVEL ~ 58 FT | | HEIGHT TO OBSERVER ~ 52 FT | | 6 | 0 | 0 | 0 | 0 | 36 | 0 | 0 | 0 | 0 | 0 | |
| Emissions Description | | | | 7 | 0 | 0 | 0 | 0 | 37 | 0 | 0 | 0 | 0 | 0 | |
| DESCRIBE EMISSIONS START none END none | | | | 8 | 0 | 0 | 0 | 0 | 38 | 0 | 0 | 0 | 0 | 0 | 0 |
| PLUME COLOR none | | | | 9 | 0 | 0 | 0 | 0 | 39 | 0 | 0 | 0 | 0 | 0 | |
| PLUME TYPE | | | | 10 | 0 | 0 | 0 | 0 | 40 | 0 | 0 | 0 | 0 | 0 | |
| WATER DROPLETS PRESENT? YES <input type="checkbox"/> NO <input checked="" type="checkbox"/> | | | | 11 | 0 | 0 | 0 | 0 | 41 | 0 | 0 | 0 | 0 | 0 | 0 |
| ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/> | | | | 12 | 0 | 0 | 0 | 0 | 42 | 0 | 0 | 0 | 0 | 0 | 0 |
| Meteorological Information | | | | 13 | 0 | 0 | 0 | 0 | 43 | 0 | 0 | 0 | 0 | 0 | |
| BACKGROUND START SKY END blue | | BACKGROUND COLOR START SKY END blue | | 14 | 0 | 0 | 0 | 0 | 44 | 0 | 0 | 0 | 0 | 0 | |
| WIND CONDITIONS / CLOUD COVER START clear END clear | | AMBIENT TEMP START ~ 80F END ~ | | 15 | 0 | 0 | 0 | 0 | 45 | 0 | 0 | 0 | 0 | 0 | |
| WIND SPEED START variable END 0.75 mph | | WIND DIRECTION START from NW END ~ | | 16 | 0 | 0 | 0 | 0 | 46 | 0 | 0 | 0 | 0 | 0 | |
| Observation Data, Site Diagram | | | | 17 | 0 | 0 | 0 | 0 | 47 | 0 | 0 | 0 | 0 | 0 | |
| Stack With Plume  Draw North Arrow  Sun  Wind  Rel. Humid - 26% | | | | 18 | 0 | 0 | 0 | 0 | 48 | 0 | 0 | 0 | 0 | 0 | |
| Distance 140' Observer's Position Sun Location Line Boghouse Vent Emission Point Storage Silo | | | | 19 | 0 | 0 | 0 | 0 | 49 | 0 | 0 | 0 | 0 | 0 | |
|  | | | | 20 | 0 | 0 | 0 | 0 | 50 | 0 | 0 | 0 | 0 | 0 | |
| Comments Cement product: 25.4 Tons | | | | 21 | 0 | 0 | 0 | 0 | 51 | 0 | 0 | 0 | 0 | 0 | |
| accurate Tanker unload pressure = 7 to 10 psi | | | | 22 | 0 | 0 | 0 | 0 | 52 | 0 | 0 | 0 | 0 | 0 | |
| Six minute opacity: 0% | | | | 23 | 0 | 0 | 0 | 0 | 53 | 0 | 0 | 0 | 0 | 0 | |
| no objectionable odors were detected during test period. | | | | 24 | 0 | 0 | 0 | 0 | 54 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 25 | 0 | 0 | 0 | 0 | 55 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 26 | 0 | 0 | 0 | 0 | 56 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 27 | 0 | 0 | 0 | 0 | 57 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 28 | 0 | 0 | 0 | 0 | 58 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 29 | 0 | 0 | 0 | 0 | 59 | 0 | 0 | 0 | 0 | 0 | |
| | | | | 30 | 0 | 0 | 0 | 0 | 60 | 0 | 0 | 0 | 0 | 0 | |

GREGORY GONZALES

has completed the STATE OF FLORIDA visible emissions evaluation training and is a qualified observer of visible emissions as specified by EPA Reference Method 9.

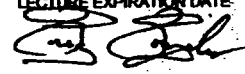
8/12/2004

ORLF06

FIELD EXPIRATION DATE

LECTURE EXPIRATION DATE

314863



Ecology and Environment, Inc.
4763 South Conway Road
Orlando, Florida 32812

Phone - (407) 852-7001
Fax - (407) 852-7369

PROCESS DATA SHEET

DATE March 17, 2004 TESTING TIME 2:54 p.m. to 3:46 p.m.

SOURCE INFORMATION

COMPANY Action Ready Mix Concrete, Inc.

ADDRESS 7120 Overland Road, Orlando, Florida 32810

SOURCE IDENTIFICATION: FDEP Permit No. 0950154-003-AO Concrete Batch Plant (Cement Storage Silo)

SOURCE LOCATION (IF DIFFERENT FROM ABOVE) _____

STATEMENT OF PROCESS WEIGHT

INPUT PROCESS RATE DURING TESTING TIME 29.3 ton/hr of cement

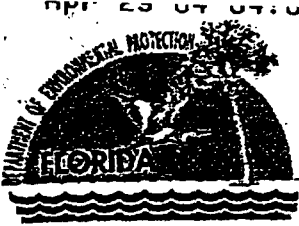
PRODUCTION RATE DURING TESTING TIME -

Cement product in tanker truck = 25.4 tons
Tanker pneumatic unloading pressure = 7 to 10 psi
Tanker unloading time to silo = 52 minutes

$$\frac{25.4 \text{ tons cement}}{52 \text{ minute unloading time}} \times \frac{60 \text{ minutes}}{\text{hour}} = 29.3 \text{ tons/hr cement loaded into storage silo}$$

I certify that the above statement is true to the best of my knowledge and belief.

Name Al Mariani Signature *Al Mariani*
Title Secretary Treasurer Date 3-22-04



Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen Castille
Secretary

TO: Gregory Gonzales DATE: 4/29/04

DEPT: Ecology and Environment FAX#: (407)852-7369

Number of Pages: 3 (including cover page)

FROM: Jeff Rustin

PROGRAM: AIR RESOURCES MGMT SECTION _____

TELEPHONE # 407-893-3333, 3334
SC 325-3333, 3334

FAX #: 407-897-5963
SC 342-5963

COMMENTS:

General Permit Letter
(Action Ready Mix Concrete)

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

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Department of Environmental Protection

Jeb Bush
Governor

Central District
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803-3767

Colleen M. Castille
Secretary

Action Ready Mix Concrete, Inc.
P.O. Box 608133
Orlando, Florida 32860
FAX (407) 578-2314

OCD-AP-04-029

Attention: Mario Mariani, President

Orange County - AP
Action Ready Mix Concrete

Dear Mr. Mariani:

The Department received your Concrete Batching Plant Air General Permit Notification Form (DEP Form No. 62-210.920(7)) on March 25, 2004 for the Action Ready Mix Concrete, Inc. facility located at 7120 Overland Road, Orlando, Florida. Action Ready Mix Concrete, Inc. general permit number 0950154-004-AG is effective on April 25, 2004. Our records indicate it will expire on April 25, 2009.

In accordance with Rule 62-210.300(4)(a)7., Florida Administrative Code (F.A.C.), concrete batching plants are eligible to operate under the terms of an air general permit, however Rule 62-4.540(13), F.A.C., limits the use of a general permit to 5 years. **Please a new notification form, or regular permit application, along with the appropriate fee at least 30 days prior to the general permit expiration date indicated above.**

The following are among the requirements to maintain concrete batching plant general permit eligibility:

1. Per Rule 62-210.300(4)(a)7.a., F.A.C., the facility operates no emissions units other than those listed on the aforementioned notification form and emissions units which are exempt from permitting pursuant to the criteria of Rule 62-210.300(3)(a) or (b), (F.A.C.);
2. The facility is not subject to a particulate matter Reasonably Available Control Technology (RACT) emissions limiting standard of Chapter 62-296, F.A.C.; [Rule 62-210.300(4)(a)7.c., F.A.C.]
3. Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to five percent opacity; [Rule 62-296.414(1), F.A.C.]
4. The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards; [Rule 62-296.414(2), F.A.C.]

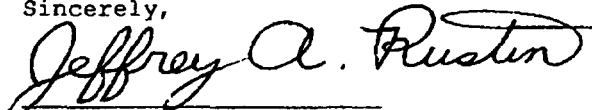
"More Protection, Less Process"

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5. Each dust collector exhaust point shall be tested annually for compliance with the visible emissions limiting standard. Existing facilities shall demonstrate annual compliance within 60 days prior to each anniversary of the notification form submittal date (Cover letter and notification dated March 24, 2004 and March 22, 2004, respectively, and received by the Department on March 25, 2004); [Rule 62-296.414(4), F.A.C.]
6. Each dust collector exhaust point shall be tested for a minimum of 30 minutes or the length of the operation if the operation is normally less than 30 minutes; and [Rule 62-297.310(4)(a)2., F.A.C.]
7. Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour unless such rate is unachievable in practice. [Rule 62-296.414(3), F.A.C.]

If you have questions, please call Jeff Rustin, P.E. at 407-893-3334 or write to the above address.

Sincerely,



FOR

Alan D. Zahm, P.E.
Air Permitting Supervisor

Date: 4/29/04



ADZ/jar

Copy: Marie Driscoll, Air Section Manager
Orange County Environmental Protection Division
FAX (407) 836-1498

Gregory R. Gonzales, Environmental Scientist
Ecology and Environment, Inc.
FAX (407) 852-7369

February 13, 2009

Mr. Dick Dibble, P.E.
Florida Department of Environmental Protection
Division of Air Resource Management
Receipts
Post Office Box 3070
Tallahassee, Florida 32315-3070

Action Ready Mix Concrete, Inc.
FDEP Permit No. 0950154-004-AG
Concrete Batch Plant

Dear Mr. Dibble:

This correspondence is being submitted at the request of our client, Action Ready Mix Concrete, Inc. Please find enclosed:

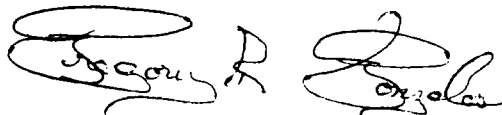
1. Four (4) copies of FDEP Form No. 62-210.920(2)(b) Division of Air Resource Management Concrete Batching Plant Air General Permit Registration Form for the renewal of subject concrete batch plant permit.
2. Action Ready Mix Concrete, Inc. check number 5180, in the amount of \$100.00, made payable to the Florida Department of Environmental Protection, for the application-processing fee necessary to obtain the five-year air general permit.

The renewal package is being submitted early. Please review renewal package and verify as to whether the package is complete or if not, what additional information you may require so renewal can be deemed complete.

Thank you and should you have any questions or comments, please do not hesitate to contact me at (407) 932-0409 or my "E-Mail" address: ggonzales5@cfl.rr.com.

Sincerely,

GG ENVIRONMENTAL SOLUTIONS, INC.



Gregory R. Gonzales, President
1430 Sara L. Street
Kissimmee, Florida 34744-2771

Enclosures: a/s

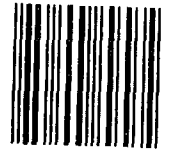
cc: Mario Mariani - Action Ready Mix Concrete, Inc.
John Kasper, PE - OrangeCountyEPD

GRG\C:\GGProjects\ActionReadyMixConcrete\2009\DEPpermit renewal\2-13-09DOC

Gregory Gonzales
1430 Sara L St.
Kissimmee, FL 34744-2771



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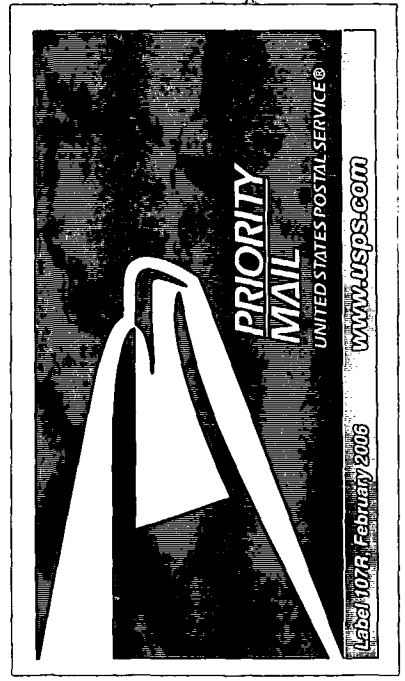


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MR Dick Dibble, PE
Florida Dept of Environmental Protection
Division of Air Resource Management
AIR GENERAL PERMIT SECTION
Receipts
Post Office Box 3070
Tallahassee, Florida