CONCRETE BATCHING PLANT

COMPLIANCE INSPECTION CHECKLIST

Environmental Compliance

INSPECTION TYPE: ANNUAL (INS1, INS2) ☒ COMPLAINT/DISCOVERY (CI) ☐

RE-INSPECTION (FUI) ☐ ARMS COMPLAINT NO:

AIRS ID#: 1110123 **DATE:** 3/4/09 **ARRIVE:** 9:00 **DEPART:** 11:30

FACILITY NAME: ADONEL/FT. PIERCE BATCH PLANT

FACILITY LOCATION: 5720 Environment Drive

FT. PIERCE 34981

OWNER/AUTHORIZED REPRESENTATIVE: LUIS GARCIA **PHONE:** (305)392-5416

CONTACT NAME: LOUIS ESPINOSA **PHONE:** (954)558-2046

ENTITLEMENT PERIOD: 11/6/2005 (effective date) / 11/6/2010 (end date)

PART I: INSPECTION COMPLIANCE STATUS (check ☑ only one box)

☒ IN COMPLIANCE ☐ MINOR Non-COMPLIANCE ☐ SIGNIFICANT Non-COMPLIANCE

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C.

(check ☑ appropriate box(es))

Stack Emissions

1. Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?---------- ☒Yes ☐ No
2. Are emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment controlled to the extent necessary to limit visible emissions to 5 percent opacity?---------- ☒Yes ☐ No
3. During visible emissions tests of the silo dust collector exhaust points was the loading of the silo conducted at a rate that is representative of the normal silo loading rate, or at least at the minimum 25 tons per hour rate, unless such rate is unachievable in practice?---------- ☒Yes ☐ No
4. Are emissions from the weigh hopper (batcher) operation controlled by the silo dust collector? (If answer to this question is "Yes", then continue on to questions 4.a) and 4.b) below. If answer is "No" then skip 4.a) and 4.b) and continue on to question 5.)---------- ☐Yes ☒ No
   a) Was the batching operation in operation during the visible emissions test?---------- ☐Yes ☐ No
   b) During the visible emissions test, was the batching rate representative of the normal batching rate and duration?---------- ☐Yes ☐ No
5. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector, which is separate from the silo dust collector, are the visible emissions tests of the weigh hopper (batcher) dust collector conducted while batching at a rate that is representative of the normal batching rate and duration?--------- ☐Yes ☒ No

PART II: TESTING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414, F.A.C. – *(continued)*
(check ☑ appropriate box(es)

Compliance Demonstration - (Rule 62-296.401(5)(i), F.A.C.)

1. Is each dust collector exhaust point tested according to the visible emissions limiting standard as part of the annual compliance demonstration? (Rule 62-297.310(7)(a), F.A.C.)---------- ☒Yes ☐ No

New Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

2. Did this facility demonstrate:
   a) initial compliance no later than 30 days after beginning operation?---------- ☒Yes ☐ No
   b) annual compliance within 60 days prior to each anniversary of the air general permit notification form submittal date?---------- ☒Yes ☐ No

Existing Facilities – (permitted pursuant to Rule 62-210.300(4), F.A.C., Air General Permits)

3. In order to demonstrate annual compliance, was an annual visible emissions test conducted 60days prior to the AGP Notification form submission, and within 60 days prior to each anniversary date?---------- ☐Yes ☐ No

Test Reports – (Rules 62-213.440, F.A.C. and 62-297.310(8)(b), F.A.C.)

4. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed?---------- ☐Yes ☐ No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.300(4)(c)2., F.A.C.
(check ☑ appropriate box(es))

1. Is this facility: 1) a stationary ☒; 2) a relocatable ☐; or does it have: 3) both, stationary and relocatable ☐ concrete batching and/or nonmetallic mineral processing plants? ***(Please check ☑ only one box.)***

2. If this is a stationary concrete batching plant, is there one or more relocatable nonmetallic mineral processing plants using individual air general permits at the same location? ***(If your answer to this question is YES, then proceed to questions 2.a), thru 2.d),) below.)***---------- ☐Yes ☒ No
   a) Are there any additional nonexempt units located at this facility?---------- ☐Yes ☐ No
   b) Is the total combined annual facility-wide fuel oil usage of all plants less than 240,000 gallons per calendar year?---------- ☐Yes ☐ No
   c) Is the quantity of material processed less than ten million tons per calendar year?---------- ☐Yes ☐ No
   d) Is the fuel oil sulfur content 0.5% by weight or less?---------- ☐Yes ☐ No

3. Does the owner/operator of the concrete batching plant maintain a log book or books to account for:
   a) fuel consumption on a monthly basis?---------- ☒Yes ☐ No
   b) material processed on a monthly basis?---------- ☒Yes ☐ No
   c) the sulfur content of the fuel being burned (Fuel supplier certifications)?---------- ☒Yes ☐ No

PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-296.414(2)(a) and (b), F.A.C. *(continued)*
(check ☑ appropriate box(es))

Unconfined Emissions – (Rule 62-296.320(4)(c), F.A.C.)

1. Does the owner /operator of the concrete batching plant take reasonable precautions to control unconfined emissions by:
   a) management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:
      1) paving and maintenance of roads, parking areas, stock piles, and yards?---------- ☒Yes ☐ No
      2) application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions?---------- ☒Yes ☐ No
      3) removal of particulate matter from roads and other paved areas under control of the owner/operator to re-entrainment, and from building or work areas to reduce airborne particulate matter?---------- ☒Yes ☐ No
      4) reduction of stock pile height, or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles?---------- ☒Yes ☐ No
   b) use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck?----- ☒Yes ☐ No

PART IV: SPECIAL CONDITIONS AND PROCEDURES – Rule 62-210.300(4)(d)4., F.A.C.

A. New or Modified Process Equipment

1. Since the last inspection has there been
   a) installation of any new process equipment?---------- ☐Yes ☐ No
   b) alterations to existing process equipment without replacement?---------- ☐Yes ☐ No
   c) replacement of existing equipment substantially different than that noted on the most recent notification form?---------- ☐Yes ☐ No
   d) If you answered **YES** to any of the above, did the owner submit a new and complete notification form and appropriate fee (Rule 62-4.050, FAC) to the appropriate DEP or local program office?---------- ☐Yes ☐ No

Jeremy Vincent	3/4/09
Inspector's Name (Please Print)	Date of Inspection
Jeremy Vincent	3/4/10
Inspector's Signature	Approximate Date of Next Inspection

COMMENTS: On 3/4/09, JV inspected Adonel Concrete at their Fort Pierce Batch Plant location. The facility is located at 5720 Environment Drive, Fort Pierce, Florida 34981. Upon arrival, I met with Louis Espinosa, General Contractor for the facility, and Jodi Beck, Project Manager for South Florida Environmental Services.

The facility consists of two concrete batch plants, numbered 7 and 8. Each plant consists of two cement silos (one 1000 barrel, and one 600 barrel) and one weigh hopper (batcher). Each set of silos was tested separately; the first test involved the two 1000-barrel silos, while the second test involved the two 600-barrel silos. No emissions were observed during the testing. The facility still needs the perform initial testing of the two weigh hoppers, which will be done in the near future.

EPA
VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One): Method 9 | 203A | 203B | Other: -

Company Name: ADONEL CONCRETE

Facility Name: ADONEL / FT. PIERCE BATCH PLANT

Street Address: 5720 ENVIRONMENT DRIVE

City: FT. PIERCE | State: FL | Zip: 34981

Process: CONCRETE | Unit #: 1 | Operating Mode:

Control Equipment: BAGHOUSE | Operating Mode:

Describe Emission Point: CEMENT SILO W/ BAGHOUSES - 1000 BARREL

Height of Emiss. Pt. Start: 72' End: | Height of Emiss. Pt. Rel. to Observer Start: 72' End:

Distance to Emiss. Pt. Start: 120' End: | Direction to Emiss. Pt. (Degrees) Start: 330 End:

Vertical Angle to Obs. Pt. Start: 25 End: | Direction to Obs. Pt. (Degrees) Start: 150 End:

Distance and Direction to Observation Point from Emission Point Start: 120' @ 150° End:

Describe Emissions Start: NONE End:

Emission Color Start: NONE End: | Water Droplet Plume: Attached ☐ Detached ☐ None ☒

Describe Plume Background Start: SKY End:

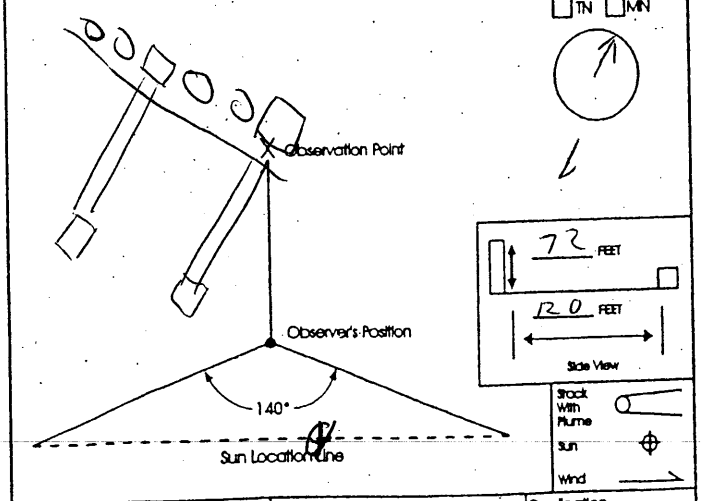
Background Color Start: WHITE/BLUE End: | Sky Conditions Start: BROKEN End:

Wind Speed Start: 5-8 End: | Wind Direction Start: N End:

Ambient Temp. Start: 64 End: | Wet Bulb Temp. | RH Percent

Source Layout Sketch

Draw North Arrow: ☐ TN ☐ MN



Longitude | Latitude | Declination

Additional Information: 8-10 PSI

Form Number: | Page: Of:

Continued on VEO Form Number:

Observation Date: 3/4/09 | Time Zone: | Start Time: 9:31 | End Time: 9:43

Min \ Sec	0	15	30	45	Comments
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2	0	0	0	0	
3	0	0	0	0	
4	0	0	0	0	
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Observer's Name (Print): JEREMY VINCENT

Observer's Signature: [signature] | Date: 3/4/09

Organization: FDEP

Certified By: FETA | Date: 1/8/09

EPA
VISIBLE EMISSION OBSERVATION FORM 1

Method Used (Circle One): Method 9 | 203A | 203B | Other: _____

Company Name: ADONEL CONCRETE

Facility Name: ADONEL / FT. PIERCE BATCH PLANT

Street Address: 5720 ENVIRONMENT DRIVE

City: FT. PIERCE | State: FL | Zip: 34981

Process: CONCRETE | Unit #: 2 | Operating Mode:

Control Equipment: BAGHOUSE | Operating Mode:

Describe Emission Point: 2 CEMENT SILO W/ BAGHOUSES - 600 BARREL

Height of Emiss. Pt. Start: 64' End: | Height of Emiss. Pt. Rel. to Observer Start: 64' End:

Distance to Emiss. Pt. Start: 120' End: | Direction to Emiss. Pt. (Degrees) Start: 330° End:

Vertical Angle to Obs. Pt. Start: 25 End: | Direction to Obs. Pt. (Degrees) Start: 150° End:

Distance and Direction to Observation Point from Emission Point Start: 120' @ 150° End:

Describe Emissions Start: NONE End:

Emission Color Start: NONE End: | Water Droplet Plume: Attached ☐ Detached ☐ None ☒

Describe Plume Background Start: SKY End:

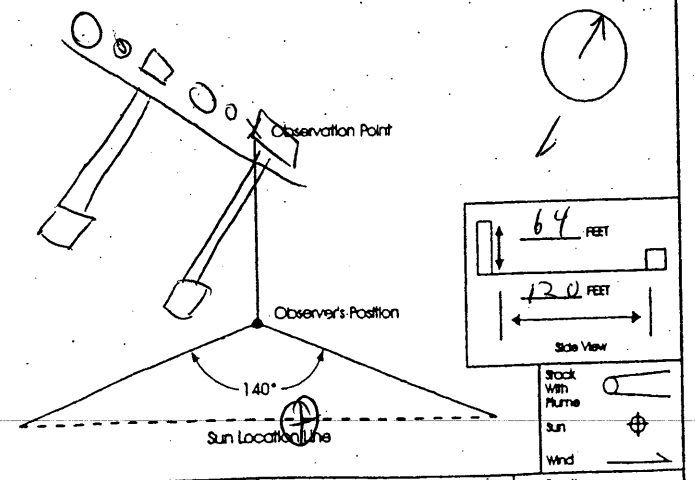
Background Color Start: BLUE End: | Sky Conditions Start: SCATTERED End:

Wind Speed Start: 5-8 End: 8-12 | Wind Direction Start: N End:

Ambient Temp. Start: 68 End: | Wet Bulb Temp. | RH Percent

Source Layout Sketch

Draw North Arrow: ☐ TN ☐ MN



Longitude | Latitude | Declination

Additional Information: 8-10 PSI

Form Number: | Page: Of:

Continued on VEO Form Number:

Observation Date: 3/4/09 | Time Zone: | Start Time: 10:20 | End Time: 10:32

Sec / Min	0	15	30	45	Comments
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Observer's Name (Print): JEREMY VINCENT

Observer's Signature: Jeremy Vincent | Date: 3/4/09

Organization: FDEP

Certified By: FTA | Date: 1/18/09

PERMANENT ADDRESS – FORT LAUDERDALE, FL

CONTINENTAL
HEIDELBERGCEMENT Group

Ft Lauderdale H
199E005139
199E005139

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: Mar 3, 2009 10:45 AM

Loaded On: Mar 3, 2009 10:45 AM

ADONEL-MIAMI
2101 N.W. 110 AVE
MIAMI FL 33172
US

Customer Number : 0000018652
Customer P.O. # : 8041584459
Carrier : A CUSTOMER PICKUP
Carrier ID : 0000400643

Description	Quantity	Unit of Measure	Truck,Trailer & Pup	Silo	Gross	Tare	Net
Gray Portland Type I Bulk-Cemex, Mia	26.04	TON	1001 1001		79440 LB	27360 LB	52080 LB

PLANT 7

EAST

Julio Rodriguez

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.

CUSTOMER PICKUP

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.

COMPANY _____

AGENT _____

TRACTOR LIC. NO.

_____

Received by
(Customers signature)

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

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.

PER
(Signature of Consignor) _____

CHARGES ARE PREPAID UNLESS MARKED
NOT PREPAID

CONTINENTAL FLORIDA MATERIALS INC. - SHIPPER
PER -

RECEIVED BY CARRIER AGENT ABOVE

PER -

Rev. 08/04

CONTINENTAL
HEIDELBERGCEMENT Group

CONTINENTAL FLORIDA MATERIALS, INC.
2700 EISENHOWER BLVD.
P. O. BOX 13128
FORT LAUDERDALE, FL 33316
For Inquiries Call: 1-800-432-0135 • Fax: 954-523-1490

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

TICKET NO. 591062

ORIGIN	DATE	TIME	CUST NO.	CUST ORDER NO.	REQUESTED DELIVERY TIME
CEM-MIA	03-04-09				

SOLD TO:	SHIP TO:
Continental	West Ft Pierce.

WEIGHT	POUNDS	TONS	DATE	TIME
GROSS	79540			
TARE	26940			
NET	52600			

SILO NO.	SCALE NO.	LOADER	CERTIFIED	MILLTEST

CARRIER	TRUCK	TRAILER
Adonel	1002	100X

ITEM NO.	ITEM DESCRIPTION	PALLETS	BAGS	POUNDS	TONS
	Type I/II TAVERNS AMADO			52600	26.300
TOTAL					

Plant 8 West

DELIVERY INFORMATION

OTHER COMMENTS

CERTIFY

SEAL NO. 04505569

CAUTION
MSDS Provided upon request. See backside for our product warning and specification warranty and buyers exclusive remedy.

The description and weight indicated on this Bill of Lading are correct, subject to verification by the Eastern Weighing & Inspection Bureau – Southern Weighing & Inspection Bureau – Trans-Continental Freight Bureau or Western Weighing & Inspection Bureau according to agreement.

CONTINENTAL FLORIDA MATERIALS, INC. - Shipper

CHARGES ARE PREPAID UNLESS MARKED - NOT PREPAID

SIGNATURES
RECEIVED ABOVE MATERIAL IN GOOD CONDITION

CARRIER Adonel

CUSTOMER

White - Original **Yellow** - Customer **Pink** - Regional Dist. **Gold** - Carrier