



# Florida Department of Environmental Protection

Northwest District Branch Office  
630-3 Capital Circle Northeast  
Tallahassee, Florida 32301

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

August 22, 2008

SENT VIA E-MAIL  
[Chumleyk@vmcmail.com](mailto:Chumleyk@vmcmail.com)  
[Swinyerj@vmcmail.com](mailto:Swinyerj@vmcmail.com)

Kathy Chumley  
Environmental Manager  
Florida Rock Industries  
Route 6, Box 1403  
Havana, Florida 32333

Dear Ms. Chumley:

A Department representative inspected your facility to determine compliance with the Air Quality Operating Permit. The Air Program identification number for this facility is 0730046. The permit expires on August 10, 2011. This letter applies only to activities covered by the Air Resource Management Program.

Based on the facility inspection results, the Tallahassee Branch Office reported a status of Non-Compliance from your facility for the following:

Failure to "take reasonable precautions to control unconfined emissions from...truck loading... and... yards...as required by paragraph 62-296.320(4), F.A.C. "

Corrections should be made for the items listed in the comments/recommendations section of the inspection checklist. Please submit a record of your improvements by email or letter to this office within 14 days of receiving the inspection checklist. Your non-compliance status will be recorded in our computer records. It will remain open in the Department's records until this issue is resolved.

Note that your facility compliance status may be subject to further review by the District Program Office.

Kathy Chumley  
August 15, 2008  
Page 2

The assistance you provide is appreciated. You are encouraged to review the enclosed inspection checklist and its comments section. If you have any questions, your local contact is Tracy White at (850) 488-3704 or [tracy.a.white@dep.state.fl.us](mailto:tracy.a.white@dep.state.fl.us).

Sincerely,



Marlane Castellanos  
Branch Manager

MC/tw  
Enclosures

cc: Rick Bradburn, FDEP, Pensacola  
Mary Beth Curle, FDEP  
Erica Mitchell, FDEP



# CONCRETE BATCHING PLANT



## COMPLIANCE INSPECTION CHECKLIST

**INSPECTION TYPE:** ANNUAL (INS1, INS2)  COMPLAINT/DISCOVERY (CI)   
 RE-INSPECTION (FUI)  ARMS COMPLAINT NO:

**AIRS ID#:** 0730046 **DATE:** 8/08/2008 **ARRIVE:** 1:15 **DEPART:** \_\_\_\_\_

**FACILITY NAME:** TALLAHASSEE READY-MIX & BLOCK PLANT

**FACILITY LOCATION:** 1872 Mills Street  
TALLAHASSEE 32310

**OWNER/AUTHORIZED REPRESENTATIVE:** HUGH PERRY **PHONE:** (904)355-1781

**CONTACT NAME:** **PHONE:**

**ENTITLEMENT PERIOD:** 8/10/2006 / 8/10/2011  
(effective date) (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**

- Were visible emissions tests conducted during this site visit according to EPA Method 9 (Ref.: Chapter 62-297, F.A.C.)?-----  Yes  No
- 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
- 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
- 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
  - Was the batching operation in operation during the visible emissions test?-----  Yes  No
  - During the visible emissions test, was the batching rate representative of the normal batching rate and duration?-----  Yes  No
- 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 60 days 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**

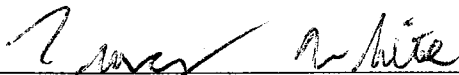
1. Since the last inspection has there been
- a) installation of any new process equipment?-----  Yes  No
  - b) alterations to existing process equipment without replacement?-----  Yes  No
  - c) replacement of existing equipment substantially different than that noted on the most recent notification 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

Tracy White

8/08/2008

Inspector's Name (Please Print)

Date of Inspection

  
Inspector's Signature

1-6 months

Approximate Date of Next Inspection

**COMMENTS:**

I went to the front office and announced myself to Johnny Shores, Plant Operator.

The facility was in operation and a truck was being loaded at the batch point. The outer curtain around the perimeter of the drop point did not appear to be sufficient to properly contain the dust exiting from the drop point. Dust emissions greater than 5% opacity were seen escaping the area at least 2-3 times while loading. The duct ports at the drop point may need cleaning as well and the baghouse pressure differential gauge was obscured by dust, possibly indicating that facility staff may not be monitoring the baghouse as needed.

The section of yard between the equipment and front facility fence had a significant accumulation of dust. Some dust emissions were seen from traffic in other areas of the yard. The yard needs more maintenance (reasonable precautions: increased sweeping, water application etc. ).

Department computer records indicate the last compliance test on 7/23/2008.

The separate block plant was also observed, the gates were locked to the front driveway so I observed the equipment from the driveway. The equipment appeared to have a silo dust collector and a batcher baghouse. It was not in operation.

Recommendations:

1)The facility appears to need maintenance to properly contain emissions for the drop point area. Maintenance may include repairing or replacing the outer perimeter curtain for the drop (batch) point, cleaning duct vacuum ports for the drop point, and checking the baghouse for proper pressure and operation.

2)The yards also need maintenance (removal of accumulated dust, material, etc).

Corrections should be made for the items listed in the recommendations section of this inspection report. Please submit a record of your improvements by email or letter to this office within 14 days of receiving the inspection report. Your non-compliance status will be recorded. It will remain open in the Department's computer records until this issue is resolved.

The Tallahassee Branch office will exercise its option of CWOE (compliance without enforcement) if the issues are corrected in a timely manner.

Failure to take reasonable precautions to control unconfined emissions, Rule 62-296.414, F.A.C., may result in referral of your case to the District office via an enforcement request.