



# Florida Department of Environmental Protection

Northwest District  
160 Governmental Center, Suite 308  
Pensacola, Florida 32502-5794

Charlie Crist  
Governor

Jeff Kottkamp  
Lt. Governor

Michael W. Sole  
Secretary

August 11, 2009

BY ELECTRONIC MAIL  
shay@jerkinsinc.com

Mr. Shay McCormick, President  
Jerkins, Inc.  
Post Office Box 428  
Bonifay, Florida 32425

Dear Mr. McCormick:

On July 15, 2009, Department representatives with the Air Resource Management Program inspected your facility, ID 1330004. A copy of the inspection report is enclosed. The inspection and a review of Department records indicate the facility was in compliance at the time of the inspection for those items specifically noted in the inspection report. However, the Department has concerns that the minimum loading rate required during visible emissions (VE) testing is not being achieved during testing. During the last VE test, conducted on February 17, 2009, the loading rate was 12.8 tons per hour. According to Rule 62-296.414(c), Florida Administrative Code, "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." Within 15 days of receipt of this letter, please notify this office as to why the minimum loading rate of 25 tons per hour is not being achieved during testing.

As a reminder, authority to operate this facility expires on April 10, 2010. To avoid lapse of authority to operate, an owner or operator intending to continue to use an air general permit must submit the proper registration form and processing fee at least 30 days prior to expiration of the facility's existing air operation permit or air general permit.

This letter applies only to activities covered by the Air Resource Management Program. If you have any questions, please contact Jennifer Waltrip at 850/595-8300, extension 1222 or Jennifer.Waltrip@dep.state.fl.us.

Sincerely,

Erica Mitchell  
Air Compliance Supervisor

EM/jw/c  
Enclosure



# CONCRETE BATCHING PLANT



## COMPLIANCE INSPECTION CHECKLIST

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

**AIRS ID#:** 1330004 **DATE:** 7/15/09 **ARRIVE:** 1:09 PM **DEPART:** 1:24 PM  
**FACILITY NAME:** JERKINS, INC.  
**FACILITY LOCATION:** 1571 West Highway 90  
 CHIPLEY  
**OWNER/AUTHORIZED REPRESENTATIVE:** SHAY MCCORMICK **PHONE:** (850)547-3651  
**CONTACT NAME:** Pete Balcom **PHONE:** (850)638-1833  
**ENTITLEMENT PERIOD:** 4/10/2005 / 4/10/2010  
(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

Jennifer Waltrip

7/15/09

Inspector's Name (Please Print)

Date of Inspection



July 2010

Inspector's Signature

Approximate Date of Next Inspection

**COMMENTS:** A Department representative conducted an unannounced annual air program compliance inspection on July 15, 2009 at the Jerkins Concrete batch plant located in Washington County. Pete Balcom was available to assist during the inspection.

The plant has one cement storage silo which is equipped with a baghouse to control emissions. A spray bar and partial enclosure are used to control emissions while loading the trucks. Preventative maintenance inspections on the baghouse and spraybar are tracked and performed weekly.

A sprinkler system was installed to mitigate wind entrainment of particulate matter from stockpiles in the yard. However, the sprinkler system was damaged during recent construction to redirect stormwater. According to Mr. Balcom, repairs will be made soon. All stockpiles are stored without wall enclosures, which can cause a source of fugitive emissions. Please note that reasonable precautions should be taken to control unconfined emissions from truck loading and unloading areas, roads, parking areas, stockpiles and yards.

The most recent annual visible emissions (VE) test was conducted on February 17, 2009. No emissions were observed during the 30-minute test. The documented loading rate was 12.8 tons per hour (tph). All VE tests for the past three years were conducted at approximately the same rate. Rule 62-296.414(c), Florida Administrative Code, states that 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.

As a reminder, the Entitlement Period for this facility (authority to operate) expires on April 10, 2010. Please note that Rule 62-210.310(2)(c)2, F.A.C., requires the submittal of the proper registration form and processing fee at least 30 days prior to expiration of the facility's existing air general permit in order to avoid lapse of authority to operate.