



CONCRETE BATCHING PLANT

COMPLIANCE INSPECTION CHECKLIST



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

AIRS ID#: 7775121 **DATE:** 06/09/2006 **ARRIVE:** 0900 **DEPART:** 1045

FACILITY NAME: Prestige/AB Ready Mix, Inc.

FACILITY LOCATION: 4001 S. Alafaya Trail
Orlando, FL 32831

RESPONSIBLE OFFICIAL: Brad Davis, Plant Manager **PHONE:** (407)384-9079

CONTACT NAME: Same as Above **PHONE:** _____

REMITTANCE YEAR: 2005 **ENTITLEMENT PERIOD:** 9/1/2005 / 9/1/2010
(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

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 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

Jodi D. Dittell

06/09/2006

Inspector's Name (Please Print)

Date of Inspection

09/01/2006

Inspector's Signature

Approximate Date of Next Inspection

COMMENTS: This inspection was conducted as part of multi-media investigation with FDEP. With regards to air permit, the facility uses ~202,500 gals/yr (permit limit 240,000 gals/yr) of low sulfur fuel (0.5%) and processes ~189,000 TPY of material (permit limit 10 million tons/yr).

Visible emissions were observed coming from the drop point area, during the loading of the cement trucks. Reasonable precautions are utilized to control drop point emissions. The emissions are controlled by a partial enclosure, water suppressant and are also vented to the baghouse. The emissions were not leaving the property. A Rinker truck was observed unloading cement into one of the silos. No visible emissions were observed coming from the baghouse during that time.

Mr. Brad Davis, the plant manager, said they were going to change out the baghouse bags this weekend. The new bags were observed to be onsite.

The facility was watering the aggregate piles and the roadways were wet. No objectionable odors were detected.