



CONCRETE BATCHING PLANT

COMPLIANCE INSPECTION CHECKLIST



INSPECTION TYPE: ANNUAL (INS1, INS2) [X] COMPLAINT/DISCOVERY (CI) [ ]
RE-INSPECTION (FUI) [ ] ARMS COMPLAINT NO: \_\_\_\_\_

Facility: Frontier Ready Mix Incorporated
DBA/Site Name:
ADDRESS: 8311 63rd Way N. Suite B
Pinellas Park, FL
ARMS NO: 7775778 001
PERMIT NO: 7775778-001-AG
DISTRICT: Southwest
CONTACT PHONE: 727-544-1000
Expiration Date: 9/13/18
Renewal Date: 8/14/13
Test Date:

EMISSION UNIT DESCRIPTION: Potable Concrete Batching Plant: Belgrade Steel & Manufacturing, Inc. 270 Barrel Storage Bin Controlled by a Belgrade Steel & Manufacturing.

INSPECTION DATE: 10-31-2013
INSPECTION COMPLIANCE STATUS (check [ ] only one box)
[X] In Compliance; [ ] Minor Non-Compliance; [ ] Significant Non-Compliance

PART I: General Review:

1. Permit File Review [X] Yes [ ] No
2. Introduction and Entry [X] Yes [ ] No
Comments: This inspection was performed in order to determine if facility has been operating within applicable regulations. Mr. Shearer (owner) was present during the facility inspection of the emission units. The maintenance log was reviewed for the time periods 9-13-18 and 10/31/13. The log did not show the Monthly inspections. The source did not have O&M logs for the months as follows: September and October 2013. I asked him to response in writing regarding how he would make corrections, within the next 3 weeks.
3. Is the Authorized Representative still: Edwin L. Shearer? [X] Yes [ ] No
Comments: Edwin Shearer stills the Authorized Representative. The e-mail address is: WWW.frontierreadymix.com
4. Is the facility contact still: Edwin L. Shearer? [X] Yes [ ] No
Comments: Edwin Shearer stills the facility contact. The e-mail address is: WWW.frontierreadymix.com
5. If the answer to 3 or 4 is "No", did the facility provide an administrative update within 30 days? [ ] Yes [X] No [62-210.310(2)(d), F.A.C.]

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

(check [ ] appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

Compliance Demonstration

1. [ ] New Facilities / [ ] New Process Equipment - (permitted pursuant to Rule 62-296.414(4)(a), F.A.C., Air General Permits) Did this facility demonstrate initial compliance no later than 30 days after beginning operation? [ ] Yes [X] No
2. [X] Existing Facilities - (permitted pursuant to Rule 62-296.414(4)(a), F.A.C., Air General Permits) In order to demonstrate annual compliance, was an annual visible emissions test conducted on each dust collector exhaust point within 365 days (annually thereafter) of the previous visible emissions compliance test? [X] Yes [ ] No

Test Reports

3. Do the submitted visible emission tests demonstrate compliance with the 5 percent opacity limit? [ ] Yes [X] No
The last visible emission test, conducted on \_\_\_\_\_ resulted in an opacity of \_\_\_\_\_% for the highest six minute average. [62-296.414(1) F.A.C.]
4. Was the department notified at least 15 days prior to the test? [62-297.310(4)(a)9, F.A.C.] [ ] Yes [X] No
5. Was the required test report filed with the department as soon as practical, but no later than 45 days after the test was completed? [62-297.310(8)(b)] [ ] Yes [X] No
6. Was the facility visible emissions test(s) conducted according to EPA Method 9? [62-297.401(9)(c), F.A.C.] [ ] Yes [X] No

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

(check  appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

7. 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? [62-296.414(3), F.A.C.] -----  Yes  No
8. Are emissions from a weigh hopper (batcher) operation controlled by the silo dust collector? (If answer to this question is "Yes", then continue on to questions 8.a) and 8.b) below. If answer is "No" then skip to question 9.)-----  Yes  No
- a) Was the batching operation in operation during the visible emissions test? [62-296.414(3)(c), F.A.C.] -----  Yes  No
- b) During the visible emissions test, was the batching rate representative of the normal batching rate and duration? [62-296.414(3)(c), F.A.C.]-----  Yes  No
9. 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 while batching at a rate that is representative of the normal batching rate and duration? [62-296.414(3)(d), F.A.C.] - -----  Yes  No
10. Was a visible emissions test(s) conducted by the inspector during this site visit according to EPA Method 9? ----  Yes  No
- a) The visible emission test resulted in an opacity of 0 % for the highest six minute average.
- b) Did the test indicate the facility is operating in compliance with the 5% opacity standard? -----  Yes  No

**PART III: OPERATING/RECORDKEEPING REQUIREMENTS – Rule 62-210.310(5)(b), F.A.C.**

(check  appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

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. For any combination of stationary or relocatable concrete batching plants, located with other concrete batching plants or nonmetallic mineral processing plants:
- a) Are there any additional nonexempt units located at this facility? [62-210.310(5)(b)4.a., F.A.C.]-----  Yes  No
- b) Is the total combined annual facility-wide fuel usage of all plants less than or equal to the fuel usages listed below: [62-210.310(5)(b)4.b., F.A.C.] -----  Yes  No
- 1) 275,000 gallons of diesel fuel – usage equals \_\_\_\_\_ gallons
- 2) 23,000 gallons of gasoline – usage equals \_\_\_\_\_ gallons
- 3) 44 million standard cubic feet on natural gas – usage equals \_\_\_\_\_ cubic feet
- 4) 1.3 million gallons of propane – usage equals \_\_\_\_\_ gallons
- 5) or an equivalent prorated amount if multiple fuels are used onsite – usage equals \_\_\_\_\_ % of all fuels
3. Does the owner/operator of the concrete batching plant submitting this registration maintain records to account for site-wide fuel consumption for each calendar month and each consecutive twelve (12) months, and are these records available for Department inspection for a period of at least five (5) years? [62-210.310(5)(b)4.d., F.A.C.]  Yes  No

**Relocation Notification - (Rule 61-210.310(5)(b)3.b., F.A.C.)**

1. Is the relocatable concrete batching plant used to mix cement and soil for onsite soil augmentation or stabilization?—(if your answer is YES, please proceed to 1. a) thru 1.b) below) -----  Yes  No
- a) Did the owner or operator notify the Department by telephone, e-mail, fax, or written communication at least one (1) business day prior to changing location? -----  Yes  No
- b) Did the owner or operator transmit a Facility Relocation Notification Form (DEP No. 62-210.900(6)) to the Department no later than five (5) business days following a relocation? -----  Yes  No
- If your answer to number 1. above is NO, proceed to 2. below**
2. Did the owner or operator transmit a Facility Relocation Notification Form (DEP No. 62-210.900(6)) at least five (5) business days prior to relocation? -----  Yes  No

**PART IV: Unconfined Emissions - 62-296.414(2)**

(check  appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

1. Does the owner/operator of the concrete batching plant take reasonable precautions to control unconfined emissions -----  Yes  No
- Which of the following methods are used:
- 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

**PART IV: Unconfined Emissions - 62-296.414(2)**

(check  appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

- 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 V: General Procedure Requirements and Conditions**

(check  appropriate box(es), if a shaded box is checked, this would indicate noncompliance)

**Administrative Changes:**

- 1. Were there any changes in the name, address, or phone number of the facility or authorized representative not associated with a change in ownership or with a physical relocation of the facility or any emissions units or operations comprising the facility; or any other similar minor administrative change at the facility -----  Yes  No
- 2. If yes, did the facility provide written notification within 30 days of the change? [62-210.310(2)(d), F.A.C.] -----  Yes  No

**Permit Effective Period** – [62-210.310(3)(a), F.A.C.]

- 1. Is the general permit for this facility still within the 5 year effective period? -----  Yes  No
- 2. Did the facility submit the new re-registration form at least 30 days prior to permit expiration? -----  Yes  No

**New or Modified Process Equipment or Change in Ownership**

- 1. Since the last registration form submittal has there been [62-210.310 (2)(b)2]
  - 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) Change in ownership-----  Yes  No
- If any of the answers to 1a) – 1d) is **Yes**, a new registration form and appropriate fee should have been submitted 30 days prior to the change.-----  Yes  No

**Noncompliance Notice:** - [62-210.310(3)(i), F.A.C.]

- 1. Did the facility have any instances where they were unable to comply with or will be unable to comply with any condition or limitation of the air general permit? -----  Yes  No  
 If the answer is **Yes**, proceed to a) and b).
  - a) Did the owner or operator provide immediate notification to the Department? -----  Yes  No
  - b) Did the notification include:
    - 1. A description of and cause of noncompliance?-----  Yes  No
- 2. The period of noncompliance, including dates and times; or if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance? -----  Yes  No

**PART VI: Comments**

**O&M Plan**

The pollution control equipment shall be operated and maintained in accordance to the operation and maintenance (O&M) plan. The O&M plan shall include, but is not limited to:

- (1) Operating parameters of the pollution control device;
- (2) Time table for the routine maintenance of the pollution control device as specified by the manufacturer;
- (3) Time table for routine periodic observations of the pollution control device sufficient to ensure proper operation;
- (4) A list of the type and quantity of the required spare parts for the pollution control device which are stored on the premises of the permit applicant;
- (5) A record log which will indicate, at a minimum:
  - a. When maintenance and observations were performed;
  - b. What maintenance and observations were performed; and
  - c. Who performed said maintenance and observations.
  - d. Acceptable parameter ranges for each operational check.

[Pinellas County Code, Subsection 58-128]

**Comments:** The maintenance log was reviewed for the time periods 9-13-18 and 10/31/13. The log did not show the Monthly inspections. The source did not have O&M logs for the months as follows: September and October 2013. I inquired as to why the logs were not up to date. Mr. Shearer stated he performs checks, but had forgot to record in the record log. I explained to

<i>Mr. Shearer he need to keep up to date, and his maintenance log record in accordance to their O&amp;M plan. I made him aware he</i>
<i>Needed to fill out on the O&amp;M log. I told him might good idea to visually inspect for leakage and wear and replaced bags as needed.</i>
<i>I asked him to response in writing regarding how he would make corrections, within the next 3 weeks.</i>
<i>The silo has been pneumatic load six times from 8-2-13 through 10-31-13. See attached invoices.</i>
<i>Exit Interview: During the closing conference, I told Mr. Shearer this emission unit appears to be in non-compliance.</i>

Mike Ojo Thomas  
**Inspector's Name**

10/31/13  
**Date of Inspection**

\_\_\_\_\_  
**Inspector's Signature**  
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\_\_\_\_\_  
**Approximate Date of Next Inspection**