

PERMITTEE:

Phoenix Ready Mix, Inc.

AIRS I.D. Number: 0050066

Air Permit Number: 0050066001AC

Emission Units: 001

Date of Issue: July 12, 1996

Expiration Date: July 12, 2001

County: Bay

Project: Cement Concrete Batch Plant

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code Rules 62-296, 62-297 and 62-4. The above named applicant, hereinafter called Permittee, is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department and made a part hereof and specifically described as follows:

Construction of a cement concrete batch plant consisting of a cement storage silo, aggregate bin, weigh hopper and batch mixer. The storage silo is pneumatically loaded from truck transporters. Particulate emissions during pneumatic loading are controlled by a baghouse filter, manufactured by Vince Hagan, model 1094-JP.

Located on the southeast corner of East 11th Street and Sherman Avenue (1601 Maples Avenue), Panama City, Bay County.

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SPECIFIC CONDITIONS:

General

1. The attached General Conditions are part of this permit (FAC Rule 62-4.160).

Construction

2. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during the life of this permit. Projects beyond one year require annual status reports. [FAC Rule 62-4.030]

Operation

3. The hours of operation are not limited. [FAC Rule 62-4.070(3)]

4. All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but are not limited to, the following:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Application of water when necessary to control emissions
- c. Removal of particulate matter from roads and other paved areas under control of the owner or operator, and from buildings or work areas to prevent reentrainment.
- d. Enclosure or covering of conveyer systems.
- e. Curtailing of operation if winds are entraining unconfined particulate matter.
- f. Posting of vehicle (or truck) speed limits.
- g. Use of a spray bar or chute to mitigate emissions at the drop point to the truck.

[FAC Rule 62-296.320(4)(c)]

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5. Neither the owner nor operator shall allow any person to circumvent any pollution control device nor allow the emissions of air pollutants without the applicable air pollution control device operating properly. (FAC Rule 62-210.650)

Emissions

6. The silo(s), hopper, and other storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. (FAC Rule 62-296.414(1))

Testing

7. At least 15 days prior to the date on which each formal compliance test is due to begin, the owner or operator shall provide written notification of the test to the Air Compliance Section of the Northwest District Office of the Department. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company and telephone number of the person conducting the test. [FAC Rule 62-297.310(7)(a)]

8. Each dust collector exhaust point shall be tested for visible emissions within 60 days of the completion of construction. [FAC Rule 62-297.310(7)(a)4.]

9. Each dust collector exhaust point shall be tested in accordance with DEP Method 9 for a minimum of 30 minutes, or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the silo loading operation. [FAC Rule 62-297.310(4)(a)]

10. The Permittee shall conduct emissions testing while loading the silo at a rate that is representative of the normal silo loading rate. The normal silo loading rate shall be at least 25 TPH and silo loading shall occur in less than one hour. Each test report shall state the actual silo loading rate during emissions testing. [FAC Rule 62-4.070(3)]

11. Reports of the required compliance tests shall be filed with the Air Compliance Section of the Department's Northwest Florida District Office as soon as practical but no later than 45 days after the last test is completed. Test reports shall comply with F.A.C. Rule 62-297.310(8), Test Reports.

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12. The Department can require special compliance tests in accordance with F.A.C. Rule 62-297.310(7).

Administrative

13. Prior to any relocation of this plant, the owner or operator must submit for Department approval a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form 62-210.900(3)] and a \$250 minor modification application fee to the appropriate District office at least thirty days prior to the relocation. The supplemental requirements of the form include:

1. A 8 ½" by 11" plot plan showing the location of the main equipment and all emission points.

2. A vicinity map of the site location including familiar landmarks and the location of neighboring residences and other occupied dwellings.

3. Proof of compliance with emission standards demonstrated within one year of the date of request for relocation if this plant is being relocated to a different DEP District.

4. A plan to control emissions of unconfined particulate matter or fugitive dust in accordance with FAC Rule 62-296.320(4)(c).

The Department shall require the Permittee to publish public notice of Proposed Agency Action which shall be provided by the Department prior to issuance of authorization for the relocation. [FAC Rule 62-210]

14. The applicant shall retain a Professional Engineer, registered in the State of Florida, for the inspection of this project. Upon completion the engineer shall inspect for conformity to the permit application and associated documents and submit DEP Form 62.210.900 (2). The application, compliance test report and appropriate fee when required are to be submitted before the expiration of this construction permit and within 75 days after completion of construction if the permittee desires to continue operation. [FAC Rule 62-4.050 and 62-210.300] The permittee shall obtain an operating permit for this source before the expiration of this construction permit if the permittee desires to continue operation. [FAC Rule 62-4.050]

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15. The permanent source identification number for this point source is 0050066001. Please cite this number on all test reports and other correspondence specific to this permitted point source. [FAC Rule 62-297.310(8)]

16. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8300, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, use telephone number (904) 444-8364 during normal working hours. (FAC Rule 62-210.700)

Expiration Date: July 12, 2001

Issued this 17th day of July,
1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

/s/

ED K. MIDDLESWART, P.E.
Air Program Administrator

MEMORANDUM

TO : Ed K. Middleswart, P.E.
FROM : Andy Allen, R. J. Prusa
DATE : June 24, 1996
SUBJECT : Evaluation Summary for Phoenix Ready Mix, Inc.
ARMS I.D. NO. 0050066 , PATS NO. 0050066001AC

We recommend issuing a construction permit to Phoenix Ready Mix, Inc. to construct a cement concrete batch plant.

Process Description

Construction of a cement concrete batch plant consisting of a cement storage silo, aggregate bin, weigh hopper and batch mixer. The cement storage silo is pneumatically loaded from truck transporters.

Pollution Control Equipment

Particulate emissions during pneumatic loading are controlled by a baghouse filter, manufactured by Vince Hagan, model 1094-JP.

Applicable Rules & Regulations and Environmental Impact

This source is regulated in accordance with FAC Rule 62-296.414 - Concrete Batching Plants - which limits visible emissions to 5% opacity.

Allowable and potential emissions are:

<u>Pollutant</u>	<u>FAC Rule</u>	<u>Allowable Emissions</u>	<u>Maximum Emissions (tons per year)</u>
VE	17-296.414	5% opacity	
PM			0.03

Compliance Monitoring

VE testing due within 60 days of completion of construction.

Compliance History

None.

RJP:rpc