



Department of Environmental Protection

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JUN 14 1996
Virginia B. Wetherell
Secretary

Lawton Chiles
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

PERMITTEE:

Couch, Inc.
Blountstown Cement Concrete Plant

AIRS I.D. Number: 0130007 *87 is correct*
Air Permit Number: 0130007001AC *2 is correct*
Emission Unit: 001
Date of Issue: June 10, 1996
Expiration Date: December 31, 1996
County: Calhoun
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:

The proposed construction consists of a cement concrete batch plant with a two compartment storage silo for cement and flyash with a weigh hopper; an aggregate loading hopper, conveyor, and bins with a weigh hopper; and, a truck loading hopper. Cement and flyash are pneumatically loaded from truck transporters to the storage silo at 25 tons per hour at 10 psi max; and, particulate emissions are controlled during loading by Merts model 250 baghouses on both silo compartments. Fugitive dust is controlled by water sprays.

Construction shall be consistent with the construction permit application signed May 2, 1996.

Located approximately one mile northwest of Blountstown, near the intersection of Hwy 71 North and Sawmill Road

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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 upon commencement of construction, and within 15 days of completion of construction. [FAC Rule 62-4.070]
3. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction. [FAC Rule 62-4.030]

Operation

4. The maximum allowable loading rate is 25 tons per hour of cement or flyash pneumatically loaded from truck transporters at a maximum pressure of 10 PSI per silo storage compartment. This is the operating rate at which compliance with standards shall be demonstrated. [FAC Rule 62-4.070]
5. The hours of operation are not limited. Cement and flyash throughput is limited to a maximum of 18,250 tons per calendar year. Records shall be maintained on site and made available for Department inspection showing cement and flyash throughput by month and calendar year. [FAC Rule 62-4.070 and construction permit application]
6. The Permittee shall maintain baghouse pressure drops of less than 4" WG. This shall be a surrogate compliance parameter for particulate matter. (FAC Rule 62-4.070)
7. All reasonable precautions shall be taken to prevent emissions of unconfined particulate matter. Reasonable precautions shall include, but not be 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 to prevent reentrainment, and from buildings or work areas to prevent particulate.
 - d. Enclosure or covering of conveyor systems.
 - e. Curtailing of operation if winds are entraining unconfined particulate matter.

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SPECIFIC CONDITIONS:

f. Posting of a spray bar or chute to mitigate emissions at the drop point to the truck.

g. Use of a spray bar or chute to mitigate emissions at the drop point to the truck.]
[Rule 62-296.320(4)(c), F.A.C.]

8. The permittee shall not 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. [Rule 62-210.650, F.A.C.]

Emissions

9. The silo, hopper and other storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. [Rule 62-296.414(1), F.A.C.]

Testing

10. Each dust collector exhaust point shall be tested by a certified observer in accordance with DEP Method 9 for a minimum of 30 minutes to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate of 25 tons per hour material loaded per silo compartment per hour. [FAC Rule 62-297.310(2)] The tests shall be conducted in accordance with DEP method 9, and shall be scheduled within 30 days of completion of construction.

The Department shall be notified at least 15 days prior to testing to allow witnessing. The notification must include the following information: the date, time, and location of the test; the name and telephone 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 62-297.340(1)(I)]

Results shall be submitted to the Department within 45 days of testing.

Test reports shall comply with FAC Rule 62-297.310(8), Test Reports. Additionally, the compliance test report shall provide the following information on the air pollution control devices:

a. General condition of equipment, noting any deficiencies or problems with the equipment which occur during testing.

b. Normal operating parameters of the equipment and the actual operation parameters for each test run, including the actual silo loading rate during emissions testing, and the pressure drop across the baghouse.

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

Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department. [FAC Rule 62-297.310(2)]

Administrative

11. 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. An application for an operation permit [62-210.900(2), Short Form] shall be submitted with the compliance test results and appropriate fee when applicable. These are to be submitted within 75 days of completion of construction. 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 17-210(300)]

12. The emission unit covered by this permit is 0130007001. Please cite this number on all test reports and other correspondence specific to this permitted emission unit. [FAC Rule 62-297.310(8)]

13. The Permittee, for good cause, may request that this construction permit be extended. Such a request with the required \$50 extension fee shall be submitted 60 days prior to the expiration date of this permit. [FAC Rule 17-4.080(3)]

PERMITTEE:

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AIRS I.D. Number: 0130007⁶2

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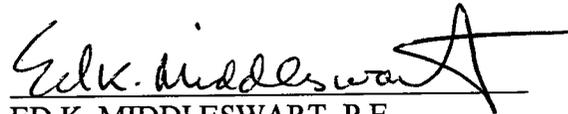
14. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (904) 444-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (904) 488-1320. For routine business, telephone (904) 872-4375 during normal working hours. [FAC Rule 62-4.130]

Expiration Date:

December 31, 1996

Issued this 10th day of June,
1996.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION



ED K. MIDDLESWART, P.E.

Air Program Administrator