



# Department of Environmental Protection

FILE COPY

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Northwest District  
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*Misor*

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Secretary

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AUG 12 1997

PERMITTEE:

Cox Building Corporation

AIRS I.D. Number: 7774807

Air Permit Number: 7774807-001-AO

Emission Units: 001

Date of Issue: August 11, 1997

Expiration Date: August 11, 2002

County: Bay

Project: Cement Gunite Batch Plant

This permit is issued under the provisions of Section 403.087, Florida Statutes, and Florida Administrative Code (F.A.C.) Rules 62-4, 62-210, 62-296 and 62-297. 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:

Operation of a cement gunite batch plant consisting of sand aggregate storage and handling, a cement storage silo, weigh hopper and mixer truck loading chute. The cement storage silo is pneumatically loaded from a truck transporter. Particulate emissions during pneumatic loading are controlled by a baghouse filter manufactured by McNeilus, model SFV 40170.

Located: 1024 Cox Grade Road in Panama City Beach

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SPECIFIC CONDITIONS:

**General**

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

**Operation**

2. The facility may operate continuously, i.e., 8760 hrs/yr, based on 24 hours/day, 7 days/week and 52 weeks per year.
3. The maximum allowable operating rate is 27 tons of cement pneumatically loaded to the storage silo per hour. This is the operating rate at which compliance with standards shall be demonstrated. Pollution control equipment shall be maintained in accordance with the Operations and Maintenance Plan. [FAC Rule 62-4.070, Construction Permit item 17, and Operations and Maintenance Plan dated 7/18/97.]

**Emissions**

4. The silos, hopper, and other storage or conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5% opacity. [FAC Rule 62-296.414(1)]
5. All fugitive dust generated at this site shall be controlled in accordance with the Operations and Maintenance Plan dated July 18, 1997. [FAC 62-296.320(4)(c)]

**Testing**

6. Visible emissions tests are required 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. Tests shall be conducted within 60 days prior to the end of May 2002 and shall be submitted with the application for permit renewal.

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)9.]

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**SPECIFIC CONDITIONS:**

[6. (cont.'d)]

The 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)]

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 Tons per hour and silo loading shall occur in less than one hour. If the silo dust collector also collects dust from the batching operation, the batching operation shall be in operation during the visible emissions test. The batching rate during emissions testing shall be representative of the normal batching rate. Each test report shall state the actual silo loading rate during emissions testing and, if the dust collector controls the batching operation, state whether or not batching occurred during emissions testing. [FAC Rule 62-4.070(3)]

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 FAC Rule 62-297.310(8), Test Reports. 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 15 days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department. [FAC Rule 62-4.070]

**Administrative**

7. 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 8.5" by 11" plot plan showing the location of the main equipment and all emission points.

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SPECIFIC CONDITIONS:

[7. (cont.'d)]

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 of fugitive dust in accordance with FAC Rule 62-296.310(3).

The Department shall require the Permittee to publish Notice of Proposed Agency Action which shall be provided by the Department prior to issuance of authorization for the relocation. [FAC Rule 62-210.350]

8. Sixty (60) days prior to the expiration date of this operation permit, the Permittee shall submit two permit renewal applications using the current version of the renewal form along with the processing fee established in FAC Rule 62-4.050(4) to the Northwest District office of the Department. [FAC Rule 62-4.090]

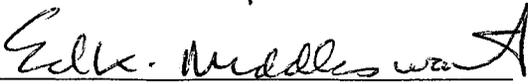
9. The emission unit covered by this permit is 001. Please cite this number on all test reports and other correspondence specific to this permitted emission unit. [FAC Rule 62-297.310]

10. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 444-8364, day or night. For emergencies involving a significant threat to human health or the environment the number is (850) 413-9911. For routine business, telephone (850) 444-8364 during normal working hours. [FAC Rule 62-210.700]

Expiration Date:

Issued this 11<sup>th</sup> day of August, 1997.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION



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