

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF FINAL PERMITS

In the Matter of an  
Application for Permit


Mr. Milton Lane, Director  
Environmental, Health, and Safety  
APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

DEP File Nos. 7775018-002-AC,  
7775027-001-AC,  
7775028-001-AC,  
7775033-002-AC  
7775045-001-AC

Enclosed are the FINAL Permit Numbers 7775018-002-AC, 7775027-001-AC, 7775028-001-AC, 7775033-002-AC, and 7775045-001-AC for five relocatable concrete batch plants that will be operated at construction sites throughout Florida. These permits are issued pursuant to Chapter 403, Florida Statutes.

Any party to this order (permits) has the right to seek judicial review of the permits pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the Department.

Executed in Tallahassee, Florida.

  
for C.H. Fancy, P.E., Chief  
Bureau of Air Regulation

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF FINAL PERMITS (including the FINAL permits) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 3-18-98 to the person(s) listed:

Mr. Milton Lane, APAC - Georgia Paving Company \*  
District Air Program Administrators  
County Air Program Administrators  
Mr. Dan Taylor, RTP Enviro.

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Kenn Jones 3-18-98  
(Clerk) (Date)

## FINAL DETERMINATION

APAC - Georgia Paving Company, Inc.

Permit Nos. 7775018-002-AC, 7775027-001-AC, 7775028-001-AC,  
7775033-002-AC, and 7775045-001-AC

### Relocatable Concrete Batch Plants

An Intent to Issue air construction permits for five relocatable concrete batch plants to be operated throughout the state was distributed on November 12, 1997. The Public Notice of Intent to Issue Air Construction Permits was published in the following newspapers on February 16, 1998:

Florida Times Union	Stuart/St. Lucie News
Gainesville Sun	Palm Beach Post
Sarasota Herald-Tribune	Sun-Sentinel
Tampa Tribune Pensacola News Journal	Tallahassee Democrat
Pensacola News Journal	Ft. Myers News

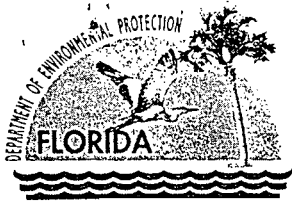
These newspapers have circulation in the following counties:

Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

Copies of the Preliminary Determination and Technical Evaluation and Draft Permits were available for public inspection at all Districts and county environmental program offices.

Comments were submitted on the Department's intent to issue these permits by the applicant, the Manatee County Environmental Management Department, and the Pinellas County Department of Environmental Management. The applicant asked that the production only (cubic yards of concrete per hour) be limited for each plant, not the ratio of material (sand, gravel, and cement) used in the concrete. The applicant also asked that we clarify that the 2 year limitation on operation at a site did not prohibit a unit from being stored at a site for a longer period. These requests were acceptable to the Department. Manatee County requested that each unit conduct a visible emission test each time it is relocated. The permits were revised to require a test or inspection of the control device on each relocation. Pinellas County noted that the requirement for an Operation and Maintenance plan for the air pollution control device was left out of one of the permits. This requirement was added to that permit.

The final action of the Department will be to issue the permits as proposed except for some editorial changes and the changes noted above. The issued permits are valid for the counties that have met the public notice requirements. The permits will have to be amended before the units can operate in other counties in Florida.



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775018
Permit No.	7775018-002-AC
Expires:	December 31, 1998

\* *Previously Ballenger Paving Company, Inc.*

## Authorized Representative:

Mr. Milton Lane, Director  
Environmental Health and Safety

## PROJECT AND LOCATION:

This permit authorizes APAC - Georgia Paving Co., Inc. to construct a 270 cubic yard per hour Rex Model S relocatable concrete batch plant and ancillary equipment for statewide operation. This plant, designated as Plant No. 1, may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

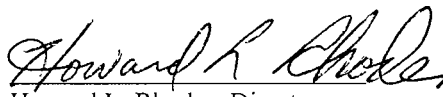
The public notice requirements were met in the following counties on February 16, 1998: Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached Appendices made a part of this permit:

Appendix GC	General Permit Conditions
Appendix CSC	Emission Unit(s) Common Specific Conditions

  
Howard L. Rhodes, Director  
Division of Air Resources  
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

# AIR CONSTRUCTION PERMIT 7775018-002-AC

## SECTION I. FACILITY INFORMATION

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### SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

### SUBSECTION B. REGULATORY CLASSIFICATION

This industry has an SIC Code No. 3273: Ready-Mixed Concrete. The relocatable plant is a non-Title V minor source of air pollution.

### SUBSECTION C. PERMIT SCHEDULE:

- 02/16/98 Notice of Intent published in Newspapers
- 11/12/97 Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete

### SUBSECTION D. RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97
4. Florida Times Union public notice 02/16/98
5. Gainesville Sun public notice 02/16/98
6. Sarasota Herald-Tribune public notice 02/16/98
7. Tampa Tribune public notice 02/16/98
8. Pensacola News Journal public notice 02/16/98
9. Stuart/Port St. Lucie News public notice 02/16/98
10. Palm Beach Post public notice 02/16/98
11. Sun-Sentinel public notice 02/16/98
12. Tallahassee Democrat public notice 02/16/98
13. Ft. Myers News Press public notice 02/16/98

# AIR CONSTRUCTION PERMIT 7775018-002-AC

## SECTION II. EMISSION UNIT(S) - GENERAL REQUIREMENTS

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### SUBSECTION A. ADMINISTRATIVE

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.
- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.
- A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:
- The operating parameters of the control device.
  - A timetable for the routine maintenance of the pollution control device.
  - A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
  - A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
  - A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

# AIR CONSTRUCTION PERMIT 7775018-002-AC

## SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS

### SUBSECTION B. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Plant No. 1 shall be marked on this plant.

### EMISSION LIMITATIONS

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent re-entrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

### OPERATIONAL LIMITATIONS

- B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE).
- B.5 This plant shall not operate for more than 24 months at any one site in Florida or with more than 3 relocatable batch plants at the same site without amending its permit after a new public notice for the site. The unit may be stored (not operated) at a site for more than 2 years.
- B.6 *PROCESS OPERATING RATES*  
Maximum production shall not exceed 270 cubic yards per hour. A typical batch formation is:
- Cement: 108,000 pounds (27 cubic yards)
  - Flyash: 27,000 pounds (6.8 cubic yards)
  - Sand and aggregate: 847,800 pounds (212 cubic yards)
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

# AIR CONSTRUCTION PERMIT 7775018-002-AC

## SECTION III. EMISSION UNIT(S) - SPECIFIC CONDITIONS

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### TEST METHODS AND PROCEDURES

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. Each dust collector shall be tested or inspected/repared, with results noted in the plant operation log, on each relocation. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

### RECORDKEEPING AND REPORTING REQUIREMENTS

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775027
Permit No.	7775027-001-AC
Expires:	December 31, 1998

*\*Previously Ballenger Paving Company, Inc.*

### *Authorized Representative:*

Mr. Milton Lane, Director  
Environmental Health and Safety

## PROJECT AND LOCATION:

This permit authorizes APAC - Georgia Paving Co., Inc. to construct a 270 cubic yard per hour Rex Model S relocatable concrete batch plant and ancillary equipment for statewide operation. This plant, designated as Plant No. 2, may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

The public notice requirements were met in the following counties on February 16, 1998: Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached appendices and Tables made a part of this permit:

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director  
Division of Air Resources  
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"



**AIR CONSTRUCTION PERMIT 7775027-001-AC**  
**SECTION I. FACILITY INFORMATION**

---

**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plant. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry has an SIC Code No. 3273: Ready-Mixed Concrete. The relocatable plant is a non-Title V minor source of air pollution.

**SUBSECTION C. PERMIT SCHEDULE:**

- 02/16/98 Notice of Intent published in Newspapers
- 11/12/97 Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97
4. Florida Times Union public notice 02/16/98
5. Gainesville Sun public notice 02/16/98
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10. Palm Beach Post public notice 02/16/98
11. Sun-Sentinel public notice 02/16/98
12. Tallahassee Democrat public notice 02/16/98
13. Ft. Myers News Press public notice 02/16/98

AIR CONSTRUCTION PERMIT 7775027-001-AC  
SECTION II. EMISSION UNIT(S) - SPECIFIC CONDITIONS

---

SUBSECTION A. ADMINISTRATIVE

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850) 488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**AIR CONSTRUCTION PERMIT 7775027-001-AC**  
**SECTION III. EMISSION UNIT(S) - SPECIFIC CONDITIONS**

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**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 2 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 24 at any one site in Florida or at a site with more than 3 relocatable units without amending its permit after a new public notice. The unit may be stores (not operated) at a site for more than 2 years.
- B.6 *PROCESS OPERATING RATES*  
 Maximum production shall not exceed 270 cubic yards per hour. A typical batch formation is:
  - Cement: 108,000 pounds (27 cubic yards)
  - Flyash: 27,000 pounds (6.8 cubic yards)
  - Sand and aggregate: 847,800 pounds (212 cubic yards)
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

AIR CONSTRUCTION PERMIT 7775027-001-AC  
SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS

---

**TEST METHODS AND PROCEDURES**

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. Each dust collector shall be tested or inspected/repared, with the results recorded in the operation log, on each relocation. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775028
Permit No.	7775028-001-AC
Expires:	December 31, 1998

*\*Previously Ballenger Paving Company, Inc.*

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

## PROJECT AND LOCATION:

This permit authorizes APAC - Georgia Paving Co., Inc. to construct a 120 cubic yard per hour Vince Hagan Model relocatable concrete batch plant and ancillary equipment for statewide operation. This plant, designated as Plant No. 3, may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

The public notice requirements were met in the following counties on February 16, 1998: Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached appendices and Tables made a part of this permit:

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director  
Division of Air Resources  
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

# AIR CONSTRUCTION PERMIT 7775028-001-AC

## SECTION I. FACILITY INFORMATION

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### SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a 120 cubic yard per hour Vince Hagan Model relocatable concrete batch plant (SIC 3273). The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plant. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

### SUBSECTION B. REGULATORY CLASSIFICATION

The industry has an SIC Code No. 3273: Ready-Mixed Concrete. The relocatable plant is a non-Title V minor source of air pollution.

### SUBSECTION C. PERMIT SCHEDULE:

- 02/16/98 Notice of Intent published in Newspapers
- 11/12/97 Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete
- 09/30/97 New Application deemed complete.

### SUBSECTION D. RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97
4. Florida Times Union public notice 02/16/98
5. Gainesville Sun public notice 02/16/98
6. Sarasota Herald-Tribune public notice 02/16/98
7. Tampa Tribune public notice 02/16/98
8. Pensacola News Journal public notice 02/16/98
9. Stuart/Port St. Lucie News public notice 02/16/98
10. Palm Beach Post public notice 02/16/98
11. Sun-Sentinel public notice 02/16/98
12. Tallahassee Democrat public notice 02/16/98
13. Ft. Myers News Press public notice 02/16/98

# AIR CONSTRUCTION PERMIT 7775028-001-AC

## SECTION II. EMISSION UNIT(S) GENERAL CONDITIONS

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### SUBSECTION A. ADMINISTRATIVE

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

# AIR CONSTRUCTION PERMIT 7775028-001-AC

## SECTION III. EMISSION UNIT(S) GENERAL CONDITIONS

### SUBSECTION B. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 3 shall be marked on this plant.

### EMISSION LIMITATIONS

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

### OPERATIONAL LIMITATIONS

- B.4 Hours of operation are not limited. [Rule 62-4.070(3), F.A.C.]
- B.5 This plant shall not operate for more than 24 months at any one site in Florida or with more than three relocatable concrete batch plants at the same location without amending its permit after a new public notice. The unit may be stored (not operated) at a site for more than 2 years.
- B.6 *PROCESS OPERATING RATES*
- Maximum production shall not exceed 120 cubic yards per hour. A typical batch formation is:
- Cement: 48,000 pounds (12 cubic yards)
  - Flyash: 12,000 pounds (3 cubic yards)
  - Sand and aggregate: 376,800 pounds (94.2 cubic yards)
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.



# AIR CONSTRUCTION PERMIT 7775028-001-AC

## SECTION III. EMISSION UNIT(S) GENERAL CONDITIONS

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### TEST METHODS AND PROCEDURES

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. Each dust collector shall be tested or inspected/repaired, with results recorded in the operation log, on each relocation. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

### RECORDKEEPING AND REPORTING REQUIREMENTS

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775033
Permit No.	7775033-002-AC
Expires:	December 31, 1998

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

## PROJECT AND LOCATION:

This permit authorizes APAC - Georgia Paving Co., Inc. to construct a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant and ancillary equipment for statewide operation. This plant, designated as Plant No. 4, may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.), have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

The public notice requirements were met in the following counties on February 16, 1998: Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached appendices and Tables made a part of this permit:

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director  
Division of Air Resources  
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

# AIR CONSTRUCTION PERMIT 7775033-002-AC

## SECTION I. FACILITY INFORMATION

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### SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant (SIC 3273) with a RA-200 central dust collection system. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plant. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

### SUBSECTION B. REGULATORY CLASSIFICATION

The Industry has an SIC Code No. 3273: Ready-Mixed Concrete. The relocatable plant is a non-Title V minor source of air pollution.

### SUBSECTION C. PERMIT SCHEDULE:

- 02/16/98 Notice of Intent published in Newspapers
- 11/12/97 Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

### SUBSECTION D. RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97
4. Florida Times Union public notice 02/16/98
5. Gainesville Sun public notice 02/16/98
6. Sarasota Herald-Tribune public notice 02/16/98
7. Tampa Tribune public notice 02/16/98
8. Pensacola News Journal public notice 02/16/98
9. Stuart/Port St. Lucie News public notice 02/16/98
10. Palm Beach Post public notice 02/16/98
11. Sun-Sentinel public notice 02/16/98
12. Tallahassee Democrat public notice 02/16/98
13. Ft. Myers News Press public notice 02/16/98

# AIR CONSTRUCTION PERMIT 7775033-002-AC

## SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS

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### SUBSECTION A. ADMINISTRATIVE

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

# AIR CONSTRUCTION PERMIT 7775033-002-AC

## SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS

### SUBSECTION B. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 4 shall be marked on this plant.

### EMISSION LIMITATIONS

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

### OPERATIONAL LIMITATIONS

- B.4 This emission unit is allowed to operate 4,000 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 24 months at any one site in Florida or with more than 3 relocatable batch plants at the same site without amending its permit after a new public notice. The unit may be stored (not operated) at a site for more than 2 years.
- B.6 *PROCESS OPERATING RATES*  
Maximum production shall not exceed 366 cubic yards per hour. A typical batch formation is:
- Cement: 146,400 pounds (36.6 cubic yards)
  - Flyash: 36,600 pounds (9.2 cubic yards)
  - Sand and aggregate: 1,150,000 pounds (287 cubic yards)
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

## AIR CONSTRUCTION PERMIT 7775033-002-AC

### SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS

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#### TEST METHODS AND PROCEDURES

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. Each dust collector shall be tested or inspected/repared with results recorded in the operation log, on each relocation. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

#### RECORDKEEPING AND REPORTING REQUIREMENTS

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

## PERMITTEE:

APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775045
Permit No.	7775045-001-AC
Expires:	December 31, 1998

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

## PROJECT AND LOCATION:

This permit authorizes APAC - Georgia Paving Co., Inc. to construct a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant and ancillary equipment for statewide operation. This plant, designated as Plant No. 5, may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.), have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

The public notice requirements were met in the following counties on February 16, 1998: Alachua, Baker, Bay, Bradford, Broward, Calhoun, Charlotte, Citrus, Clay, Collier, Columbia, Dade, DeSoto, Dixie, Duval, Escambia, Flagler, Franklin, Gadsden, Gilchrist, Glades, Gulf, Hamilton, Hardee, Hendry, Hernando, Highlands, Hillsborough, Holmes, Indian River, Jackson, Jefferson, Lafayette, Leon, Lee, Levy, Liberty, Madison, Manatee, Marion, Martin, Monroe, Nassau, Okaloosa, Okeechobee, Orange, Osceola, Pasco, Palm Beach, Polk, Pinellas, Putnam, Saint John, Santa Rosa, Sarasota, St. Lucie, Sumter, Suwannee, Taylor, Union, Volusia, Walton, Wakulla, and Washington.

## STATEMENT OF BASIS:

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## Attached appendices and Tables made a part of this permit:

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

Howard L. Rhodes, Director  
Division of Air Resources  
Management

"Protect, Conserve and Manage Florida's Environment and Natural Resources"

# AIR CONSTRUCTION PERMIT 7775045-001-AC

## SECTION I. FACILITY INFORMATION

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### SUBSECTION A. FACILITY DESCRIPTION

This facility consists of a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant (SIC 3273). The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plant. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

### SUBSECTION B. REGULATORY CLASSIFICATION

This industry has an SIC Code No. 3273: Ready-Mixed Concrete. The relocatable plant is a non-Title V minor source of air pollution.

### SUBSECTION C. PERMIT SCHEDULE:

- 02/16/98 Notice of Intent published in Newspapers
- 11/12/97 Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

### SUBSECTION D. RELEVANT DOCUMENTS:

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97
4. Florida Times Union public notice 02/16/98
5. Gainesville Sun public notice 02/16/98
6. Sarasota Herald-Tribune public notice 02/16/98
7. Tampa Tribune public notice 02/16/98
8. Pensacola News Journal public notice 02/16/98
9. Stuart/Port St. Lucie News public notice 02/16/98
10. Palm Beach Post public notice 02/16/98
11. Sun-Sentinel public notice 02/16/98
12. Tallahassee Democrat public notice 02/16/98
13. Ft. Myers News Press public notice 02/16/98



# AIR CONSTRUCTION PERMIT 7775045-001-AC

## SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS

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### SUBSECTION A. ADMINISTRATIVE

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.
- This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.
- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.
- A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:
- The operating parameters of the control device.
  - A timetable for the routine maintenance of the pollution control device.
  - A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
  - A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
  - A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

AIR CONSTRUCTION PERMIT 7775045-001-AC

SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS

SUBSECTION B. SPECIFIC CONDITIONS:

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
001	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 5 shall be marked on this plant.

EMISSION LIMITATIONS

- B.1 Visible emissions from each dust collector exhaust point, silos, hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

OPERATIONAL LIMITATIONS

- B.4 This emission unit is allowed to operate 4,000 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 24 months at any one site in Florida or with more than 3 relocatable batch plants at the same site without amending its permit after a new public notice. The unit may be stored (not operated) at a site for more than two years.
- B.6 *PROCESS OPERATING RATES*

Maximum production shall not exceed 366 cubic yards per hour. A typical batch is:

- Cement: 146,400 pounds (36.6 cubic yards)
- Flyash: 36,600 pounds (9.2 cubic yards)
- Sand and aggregate: 1,150,000 pounds (287 cubic yards)

# AIR CONSTRUCTION PERMIT 7775045-001-AC

## SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS

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B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

### TEST METHODS AND PROCEDURES

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. Each dust collector shall be tested or inspected/repared with results recorded in the operation log on each relocation. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

### RECORDKEEPING AND REPORTING REQUIREMENTS

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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#### SUBSECTION 1.0 CONSTRUCTION REQUIREMENTS

- 1.1 Applicable Regulations: Unless otherwise indicated in this permit, the construction and operation of the subject emission unit(s) shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S. and Florida Administrative Code Chapters 62-4, 62-103, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297; and the applicable requirements of the Code of Federal Regulations Section 40, Part 60, adopted by reference in the Florida Administrative Code regulation [Rule 62-204.800 F.A.C.]. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. [Rule 62-210.300, F.A.C.]

#### SUBSECTION 2.0 EMISSION LIMITING STANDARDS

- 2.1 General Particulate Emission Limiting Standards. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 2.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
- (c) Reasonable precautions include the following:
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

*NOTE: Facilities that cause frequent, valid complaints may be required by the Permitting Authority to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

**2.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]**

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

**SUBSECTION 3.0 OPERATION AND MAINTENANCE**

**3.1 Changes/Modifications:** The owner or operator shall submit to the Permitting Authority(s), for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit.* [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]

**3.2 Plant Operation - Problems:** If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the Permitting Authority as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

3.3 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

3.4 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

(a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority office for longer duration. [Rule 62-210.700(1), F.A.C.]

(b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

(c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify Permitting Authority within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

3.5 Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

#### **SUBSECTION 4.0 MONITORING OF OPERATIONS**

4.1 Determination of Process Variables

(a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

**APPENDIX CSC**  
**EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS**

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**SUBSECTION 5.0 TEST REQUIREMENTS**

- 5.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.]
- 5.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [Rule 62-297.310, F.A.C.]
- 5.3 Test Notification: The owner or operator shall notify the Permitting Authority in writing at least *(30) days* (initial) and *15 days* (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [Rule 62-297.310 and 40 CFR 60.8, F.A.C.]
- 5.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the Permitting Authority. [Rule 62-297.310(7)(b), F.A.C.]
- 5.5 Stack Testing Facilities: The owner or operator shall install stack testing facilities in accordance with Rule 62-297.310(6), F.A.C., if needed to determine compliance with an emission standard.
- 5.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in Rule 62-297.620, F.A.C.
- 5.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2) and (3), F.A.C.]

#### SUBSECTION 6.0 REPORTS AND RECORDS

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [Rule 62-4.160(14)(b), F.A.C.]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Permitting Authority as soon as practical, but no later than 45 days after the last sampling run is completed. [Rule 62-297.310(8), F.A.C.]
  - b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 6.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Permitting Authority within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. Pursuant to the New Source Performance Standards, excess emissions shall also be reported in accordance with 40 CFR 60.7, Subpart A. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 6.4 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

#### SUBSECTION 7.0 OTHER REQUIREMENTS

- 7.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.



**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

APPENDIX GC  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

# Memorandum

# Florida Department of Environmental Protection

TO: Howard L. Rhodes

THRU: Clair Fancy *copy for EAF 3/17*  
Al Linero *copy 3/16*

FROM: Willard Hanks *wmh*

DATE: March 11, 1998

SUBJECT: APAC - Georgia Paving Company, Inc.  
Draft Construction Permits for 5 Relocatable Units  
7775018-002-AC  
7775027-001-AC  
7775028-001-AC  
7775033-002-AC  
7775045-001-AC

Attached for your approval and signature is the Final Determination and air construction permits for five relocatable concrete batch plants. You approved one of the permits earlier to resolve a problem between Duval County and the applicant. Each relocatable concrete batch plant is a minor emission unit. The applicant will use baghouses on the batch plants and reasonable precautions (wetting) in the yards to control emissions. The baghouses for the cement and flyash silos can meet the 5 percent opacity standard in the Department's air regulations for these plants.

The public notice was published in 10 newspapers which had circulation throughout the state except for an area in east central Florida. Comments were submitted by the applicant, Pinellas and Manatee Counties. These comment resulted in minor changes to the proposed permits. These changes are discussed in the Final Determination.

I recommend your approval and signature of the construction permits.

WH/t

attachments

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
 Mr. Melton Lane, Director  
 Environmental Health & Safety  
 APAC GA. PAVING Co.  
 PO Box 127  
 Greenville, SC 29602

4a. Article Number  
 P 265 659 317

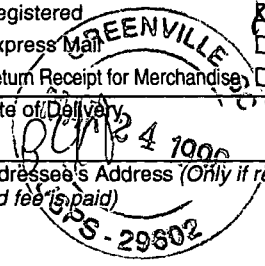
4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
 DEC 4 1994

5. Received By: (Print Name)  
 William Myers

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
*[Signature]*



PS Form 3811, December 1994

Domestic Return Receipt

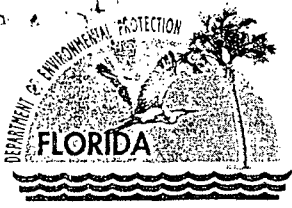
Thank you for using Return Receipt Service.

P 265 659 317

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to Melton Lane	
Street & Number APAC GA PAVING	
Post Office, State, & ZIP Code Greenville, SC	
Postage	\$
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date	3-18/98
775018-002	775053-002
775027-001	775045-001
775028-001	

PS Form 3800, April 1995



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

November 4, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Milton Lane, Director  
Environmental, Health, and Safety  
APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

Re: DRAFT Permit Nos. 7775018-002-AC, 7775027-001-AC, 7775028-001-AC, 7775033-002-AC, and  
7775045-001-AC. Statewide Construction Permits for Five Relocatable Concrete Batch Plants

Dear Mr. Lane:

Enclosed is one copy of the Draft Air Construction Permits for five relocatable concrete batch plants to operate in any county in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Construction Permits and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMITS" are also included. This Intent and associated documents replace the Intent that was sent to Ballenger Paving Company on March 20, 1997.

The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMITS" must be published in a newspaper having general circulation in each county you intend to operate in within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Willard Hanks or Mr. Linero at 904/488-1344.

Sincerely,

C. H. Fancy, P.E., Chief,  
Bureau of Air Regulation

CHF/wh/t

Enclosures

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMITS

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permits Nos. 7775018-002-AC, 7775027-001-AC, 7775028-001-AC,  
7775033-002-AC, and 7775045-001-AC  
Relocatable Concrete Batch Plants

**NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER**

The Department of Environmental Protection (Department) gives notice of its intent to issue air construction permits to APAC - Georgia Paving Company, Inc., Post Office Box 127, Greenville, South Carolina 29602 for the construction of five relocatable concrete batch plants in Florida. A Best Available Control Technology (BACT) determination was not required for any air pollutant pursuant to Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD). The units will be operated near construction sites requiring ready mix concrete in counties covered by this notice.

Maximum particulate matter emissions from the two largest plants (366 cubic yard/hour production) are estimated to be 12.4 pounds per hour (lbs/hr) and 24.9 tons per year (TPY). Maximum particulate matter emissions from two other plants (270 cubic yard/hour production) are estimated to be 8.7 pounds per hour (lbs/hr) and 24.9 tons per year (TPY) each. Maximum particulate matter emissions from the last plant (120 CY/hr) are estimated to be 3.9 lbs/hr and 17.0 TPY. The payloaders and trucks will emit the products of combustion from their fuel. The plants will not be a source of any other air pollutants.

Because of the low emissions and the limited time of operation at any one site (2 years), the emissions from these units will not cause any violations of the ambient air quality standards. An air quality impact analysis was not conducted. Emissions from the facility will not significantly contribute to or cause a violation of any state or federal ambient air quality standards.

The Department will issue the FINAL Permits, in accordance with the conditions of the DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permits issuance action for a period of fourteen (14) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permits, the Department shall issue a Revised DRAFT Permits and require, if applicable, another Public Notice.

The Department will issue the FINAL Permits with the conditions of the Draft Permits unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. Mediation is not available for this action. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permits File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

# NOTICE TO BE PUBLISHED IN THE NEWSPAPER

APAC - Georgia Paving Company, Inc.  
Public Notice  
Page 2

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Dept. of Environmental  
Resources Management  
33 Southwest Second Avenue, Suite 900  
Miami, FL 33130-1540  
Telephone: 305/372-6925

Broward County Department of  
Natural Resource Protection  
218 Southwest 1st Avenue  
Fort Lauderdale, FL 33301  
Telephone: 954/519-1220

Hillsborough County Environmental  
Protection Commission  
1410 North 21 Street  
Tampa, FL 33605  
Telephone: 813/272-5530

Division of Environmental Science  
and Engineering  
Palm Beach County Health Unit  
901 Evernia Street  
West Palm Beach, FL 33401  
Telephone: 561/355-3070

Air Quality Division  
Pinellas County Department of  
Environmental Management  
300 South Garden Avenue  
Clearwater, FL 34616  
Telephone: 813/464-4422

Air and Water quality Division  
Regulatory and Environmental  
Services Department  
421 West Church Street, Suite 412  
Jacksonville, FL 32202-4111  
Telephone: 904/630-3484

Dept. of Environmental Protection  
Northwest District  
160 Government Center, Suite 308  
Pensacola, FL 32501-5794  
Telephone: 904/444-8300

Dept. of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, FL  
Telephone: 813/744-6100

Dept. of Environmental Protection  
South Florida District  
2295 Victoria Avenue, Suite 364  
Fort Myers, FL 33901  
Telephone: 813/332-6975

Dept. of Environmental Protection  
Northeast District  
7825 Baymeadows Way, Suite 200B  
Jacksonville, FL 32256  
Telephone: 904/448-4300

Dept. of Environmental Protection  
Central District  
3319 Maguire Blvd., Suite 232  
Orlando, FL 32803-3767  
Telephone: 407/984-7555

Dept. of Environmental Protection  
Southeast District  
400 North Congress Avenue  
West Palm Beach, FL 33416-5425  
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, draft permits, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 850/488-1344, for additional information.

In the Matter of an  
Application for Permits by:

APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

DEP File Nos. 7775018-002-AC, 7775027-001-AC  
7775028-001-AC, 7775033-002-AC  
and 7775045-001-AC  
Relocatable Units  
Statewide Operation

### INTENT TO ISSUE AIR CONSTRUCTION PERMITS

The Department of Environmental Protection (Department) gives notice of its intent to issue air construction permits (copies of DRAFT Permits attached) for the proposed projects, detailed in the applications specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, APAC - Georgia Paving Company, Inc., applied on September 30, 1997, to the Department for air construction permits for five relocatable concrete batch plants which may operate in any county in Florida. These applications modified the previous applications for three relocatable units submitted by Ballenger Paving Company, Inc. on January 17, 1997.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that air construction permits are required for the proposed units.

The Department intends to issue these air construction permits based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "Public Notice of Intent to Issue AIR CONSTRUCTION PERMITS". The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permits. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-1344; Fax 850/ 922-6979) within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permits pursuant to Rule 62-103.150 (6), F.A.C.

The Department will issue the FINAL Permits, in accordance with the conditions of the enclosed DRAFT Permits unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permits issuance action for a period of 14 (fourteen) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMITS." Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in these DRAFT Permits, the Department shall issue a Revised DRAFT Permits and require, if applicable, another Public Notice.



The Department will issue the permits with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. The procedures for petitioning for a hearing are set forth below. Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 850/488-9730, fax: 850/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permits File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.



**TECHNICAL EVALUATION  
AND  
PRELIMINARY DETERMINATION**

**APAC - Georgia Paving Company, Inc.  
Greenville, South Carolina**

**Five Relocatable Concrete Batch Plants  
Statewide Operation**

Unit Number/Facility ID Nos.

Unit 1: 7775018-002-AC

Unit 2: 7775027-001-AC

Unit 3: 7775028-001-AC

Unit 4: 7775033-002-AC

Unit 5: 7775045-001-AC

**DIVISION OF AIR RESOURCES MANAGEMENT  
BUREAU OF AIR REGULATION  
NEW SOURCE REVIEW SECTION  
Telephone (850) 488-1344  
Fax (850) 922-6979**

November 4, 1997

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

## 1. APPLICATION INFORMATION

### 1.1 Applicant Name and Address

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

\*Previously named Ballenger Paving Company, Inc.

Authorized Representative

Mr. Milton Lane, Director  
Environmental Health and Safety

### 1.2 Reviewing and Process Schedule

January 17, 1997      Date of Receipt of Applications and Fee for 3 units  
January 29, 1997      Date of Receipt of Signed Applications  
September 30, 1997    Date of Receipt of Applications and Fee for 2 units.

## 2. FACILITY INFORMATION

### 2.1 Facility Location

The applicant proposes to obtain air construction permits for five relocatable concrete batch plants. One unit has operated in Duval County under permit No. 7775018-001-AC. One unit has operated in Lee County under permit No. 7775033-001-AC. As these permits limit operation of the two existing units to Duval and Lee Counties, the owner is requesting these permits be modified to remove the restriction on locations the units can operate at. The other three units are operating out of Florida. The applicant has requested permits that will allow the units to operate near construction sites anywhere in Florida.

One of the units (Unit 3) is rated at a production capacity of 120 cubic yards per hour (CY/hr) of ready mix concrete. Two units (Unit 1 and 2) are rated at 270 CY/hr. Two units (Units 4 and 5) are rated at 366 CY/hr.

Each relocatable plant will use an outside storage area for aggregate and sand. Each plant contains a hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and mixer. Particulate matter emissions from the processing

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APAC - Georgia Paving Company, Inc.  
Relocatable Concrete Batch Plants 1, 2, 3, 4 & 5

Permit No. 7775018-002-AC  
7775028-001-AC  
7775027-001-AC  
7775033-002-AC  
7775045-001-AC

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

equipment is controlled with a baghouse. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plant. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring the sand, aggregate, and water to the plant.

## 2.2 Standard Industrial Classification Code (SIC)

Major Group No.	327	Concrete, Gypsum, and Plaster Products
Group No.	3273	Concrete batching

## 2.3 Facility Category

Each APAC - Georgia Paving Company concrete batch plant is classified as a minor air pollutant emitting facility. Air pollutant emissions are less than 100 TPY for particulate matter, (PM/PM<sub>10</sub>). These facilities are not on the list of the 28 Major Facility Categories, Table 62-212.400-1. These facilities are not classified as a Title V facility.

Based on the specific conditions in the draft permit and the physical restrictions of the equipment, these facilities are classified as a non-Title V *minor source* of air pollution.

## 3. PROJECT DESCRIPTION

### 3.1 These permits address the following emissions units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 7775018-002-AC	Unit 1	270 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775027-001-AC	Unit 2	270 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775028-001-AC	Unit 3	120 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775033-002-AC	Unit 4	366 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775045-001-AC	Unit 5	366 CY/hr Relocatable Concrete Batch Plant

The applicant requested air construction/modification permits to operate these units in any county in Florida.

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

## 4. PROCESS DESCRIPTION

### 4.1 General Information

These plants produce ready-mix concrete by mixing sand, aggregate, cement, flyash, and water. The flow diagram from the application shows the process used by the five plants.

The operation of a relocatable concrete batch plant produces fugitive particulate matter emissions and, from the vehicles operated in conjunction with the plant, the products of combustion of the fuel. Fugitive particulate matter emissions from handling of the sand and aggregate in the yard will be controlled by wetting as needed. Particulate matter emissions from the batch plant are controlled by a baghouse. The product (ready-mix concrete) is wet and not a source of emissions. Emissions of the products of combustion from vehicles are not regulated by this permit.

## 5. RULE APPLICABILITY

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.).

This facility may operate in any location in Florida [County], including areas designated as attainment for all criteria pollutants and attainment/maintenance for criteria pollutants in accordance with Rule 62-204.340, F.A.C., Designation of Attainment, Nonattainment, and Maintenance Areas. The proposed project is not subject to review under Rule 62-212.400., F.A.C., Prevention of Significant Deterioration (PSD), because each unit is a minor source for particulate matter (PM/PM<sub>10</sub>).

Some of the rules the units are subject to are: Rule 62-296.414, F.A.C., Concrete Batching Plants; Rule 62-296.320(4)(c), F.A.C., Unconfined Emissions of Particulate Matter; and Rule 62-210.370, F.A.C., Reports. Other applications regulations are listed below.

Chapter 62-4	Permits.
Rule 62-204.220	Ambient Air Quality Protection
Rule 62-204.240	Ambient Air Quality Standards
Rule 62-210.300	Permits Required
Rule 62-210.350	Public Notice and Comments
Rule 62-210.370	Reports
Rule 62-210.650	Circumvention

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

Rule 62-210.700	Excess Emissions
Rule 62-210.900	Forms and Instructions
Rule 62-212.300	General Preconstruction Review Requirements
Rule 62-296.320	General Pollutant Emission Limiting Standards
Rule 62-297.310	General Test Requirements
Rule 62-297.400	EPA Methods Adopted by Reference
Rule 62-297-401	EPA Test Procedures

## 6. SOURCE IMPACT ANALYSIS

### 6.1 Emission Limitations

The proposed *units* will emit particulate matter (PM/PM<sub>10</sub>). The estimated emissions for each unit are summarized below.

UNIT	PM EMISSIONS (LBS/HR)	PM EMISSIONS (TPY)
1	8.7	24.9
2	8.7	24.9
3	3.9	17.0
4	12.5	24.9
5	12.5	24.9

### 6.3 Control Technology Review

The allowable emission standard for concrete batch plants is 5 percent opacity. The process equipment in the applicant's batch plants is ducted to a medium efficiency baghouses. These baghouses should be able to meet the emission limit specified in the regulations.

The regulations require the applicant to employ reasonable precautions to control unconfined emissions from the yard. The applicant proposes to use water sprays on the aggregate storage area, watering trucks on the roadways and plant structures, and to clean the surfaced areas around the plant as needed. Use of this plan is acceptable as reasonable precautions to control fugitive emissions from the site.

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

## 6.4 Air Quality Analysis

An air quality analysis was not conducted on this plant. Based on experience, the Department believes the emissions from these plants will not cause a violation of the ambient air quality standard for particulate matter.

## 7. CONCLUSION

Based on the foregoing technical evaluation of the application, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations provided the reasonable precaution proposed in the application are implemented and certain conditions are met. The General and Specific Conditions are listed in the attached draft conditions of approval .

*Permit Engineer: Willard Hanks*

*Reviewed and Approved by A. A Linero, P.E.*



**DRAFT**

**PERMITTEE:**

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775018
Permit No.	7775018-002-AC
Expires:	December 31, 1998

*\* Previously Ballenger Paving Company, Inc.*

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 1  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC	General Permit Conditions
Appendix CSC	Emission Unit(s) Common Specific Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

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**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. The operation will store aggregate and sand in the yard. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97

**SECTION II. EMISSION UNIT(S) - GENERAL REQUIREMENTS**

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**SUBSECTION A. ADMINISTRATIVE**

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on **December 31, 1998**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

AIR CONSTRUCTION PERMIT 7775018-002-AC

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**SECTION II. EMISSION UNIT(s) - GENERAL REQUIREMENTS**

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A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS**

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 1 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 2 years at any one site in Florida or with more than 3 relocatable batch plants at the same site..

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AIR CONSTRUCTION PERMIT 7775018-002-AC

SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS

B.6 PROCESS OPERATING RATES

Maximum production shall not exceed 1,080,000 pounds (270 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

- Cement: 108,000 pounds (27 cubic yards)
- Flyash: 27,000 pounds (6.8 cubic yards)
- Sand and aggregate: 847,800 pounds (212 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

TEST METHODS AND PROCEDURES

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]

B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

RECORDKEEPING AND REPORTING REQUIREMENTS

B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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

AIR CONSTRUCTION PERMIT 7775018-002-AC

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**SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS**

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responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test. [Rule 62-297.340(1)(I), F.A.C.]

- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

**DRAFT**

**PERMITTEE:**

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775027
Permit No.	7775027-001-AC
Expires:	December 31, 1998

*\*Previously Ballenger Paving Company, Inc.*

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 2  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC	General Permit Conditions
Appendix CSC	Emission Unit(s) Common Specific Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management



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AIR CONSTRUCTION PERMIT 7775027-001-AC

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**SECTION I. FACILITY INFORMATION**

**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97

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**SECTION II. EMISSION UNIT(s) - GENERAL REQUIREMENTS****SUBSECTION A. ADMINISTRATIVE**

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blainstone Road, Tallahassee, Florida 32399-2400 and phone number (850) 488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on **December 31, 1998**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

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## AIR CONSTRUCTION PERMIT 7775027-001-AC

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### SECTION II. EMISSION UNIT(S) - GENERAL REQUIREMENTS

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**AIR CONSTRUCTION PERMIT 7775027-001-AC**

**SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS**

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 1	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 2 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)

## AIR CONSTRUCTION PERMIT 7775027-001-AC

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**SECTION III. EMISSION UNIT(s) - SPECIFIC CONDITIONS**

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B.5 This plant shall not operate for more than 2 years at any one site in Florida or at a site with more than 3 relocatable units.

B.6 *PROCESS OPERATING RATES*

Maximum production shall not exceed 1,080,000 pounds (270 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

Cement: 108,000 pounds (27 cubic yards)

Flyash: 27,000 pounds (6.8 cubic yards)

Sand and aggregate: 847,800 pounds (212 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31, 1997. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]

B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

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AIR CONSTRUCTION PERMIT 7775027-001-AC

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SECTION III. EMISSION UNIT(S) - SPECIFIC CONDITIONS

RECORDKEEPING AND REPORTING REQUIREMENTS

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

**DRAFT**

**PERMITTEE:**

APAC - Georgia Paving Company, Inc. \*  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775028
Permit No.	7775028-001-AC
Expires:	December 31, 1998

*\*Previously Ballenger Paving Company, Inc.*

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 3  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 120 cubic yard per hour Vince Hagan Model relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete
- 
- 09/30/97 New Application deemed complete.

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97



## AIR CONSTRUCTION PERMIT 7775028-001-AC

**SECTION II. EMISSION UNIT(S) GENERAL CONDITIONS**

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**SUBSECTION A. ADMINISTRATIVE**

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at the site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on December 31, 1998. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

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AIR CONSTRUCTION PERMIT 7775028-001-AC

**SECTION II. EMISSION UNITS(S) GENERAL CONDITIONS**

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A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**SECTION III. EMISSION UNIT(S) GENERAL CONDITIONS**

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 3 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 Hours of operation are not limited. [Rule 62-4.070(3), F.A.C.]
- B.5 This plant shall not operate for more than 2 years at any one site in Florida or with more than three relocatable concrete batch plants at the same location..

## AIR CONSTRUCTION PERMIT 7775028-001-AC

**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**B.6 PROCESS OPERATING RATES**

Maximum production shall not exceed 480,000 pounds (120 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

Cement: 48,000 pounds (12 cubic yards)

Flyash: 12,000 pounds (3 cubic yards)

Sand and aggregate: 376,800 pounds (94.2 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]

B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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

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**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test. [Rule 62-297.340(1)(I), F.A.C.]

- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

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**PERMITTEE:**

APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775033
Permit No.	7775033-002-AC
Expires:	December 31, 1998

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 4  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.), have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

**DRAFT**

**AIR CONSTRUCTION PERMIT 7775033-002-AC**

**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant (SIC 3273) with a RA-200 central dust collection system. The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

**SUBSECTION A. ADMINISTRATIVE**

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on **December 31, 1998**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.



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AIR CONSTRUCTION PERMIT 7775033-002-AC

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:
- The operating parameters of the control device.
  - A timetable for the routine maintenance of the pollution control device.
  - A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
  - A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
  - A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

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AIR CONSTRUCTION PERMIT 7775033-002-AC

**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 4 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 4,000 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 2 years at any one site in Florida or with more than 3 relocatable batch plants at the same site..

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AIR CONSTRUCTION PERMIT 7775033-002-AC

SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS

B.6 PROCESS OPERATING RATES

Maximum production shall not exceed 1,464,000 pounds (366 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

- Cement: 146,400 pounds (36.6 cubic yards)
- Flyash: 36,600 pounds (9.2 cubic yards)
- Sand and aggregate: 1,150,000 pounds (287 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

TEST METHODS AND PROCEDURES

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]

B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

RECORDKEEPING AND REPORTING REQUIREMENTS

B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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

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AIR CONSTRUCTION PERMIT 7775033-002-AC

**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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responsible for coordinating the test; and the name, company, and telephone number of the person conducting the test. [Rule 62-297.340(1)(I), F.A.C.]

- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

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**PERMITTEE:**

APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

FID No.	7775045
Permit No.	7775045-001-AC
Expires:	December 31, 1998

*Authorized Representative:*

Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 5  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.), have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC  
Appendix CSC

General Permit Conditions  
Emission Unit(s) Common Specific Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 366 cubic yard per hour Erie Strayer MG-11C relocatable concrete batch plant (SIC 3273) with a RA-200 central dust collection system. The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 09/30/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97
3. Application received 09/30/97

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**SUBSECTION A. ADMINISTRATIVE**

A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (850)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.

A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]

A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.

A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]

A.6 Expiration: This air construction permit shall expire on **December 31, 1998**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]

A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:
- The operating parameters of the control device.
  - A timetable for the routine maintenance of the pollution control device.
  - A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
  - A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
  - A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.



**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT No.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 5 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and
  - Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
  - Enclosure or covering of conveyor systems;
  - Curtailing of operations if winds are entraining unconfined particulate matter; and
  - Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 4,000 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)

**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- B.5 This plant shall not operate for more than 2 years at any one site in Florida or with more than 3 relocatable batch plants at the same site..
- B.6 *PROCESS OPERATING RATES*
- Maximum production shall not exceed 1,464,000 pounds (366 cubic yards) per hour and hourly consumption of raw materials shall not exceed:
- Cement: 146,400 pounds (36.6 cubic yards)  
Flyash: 36,600 pounds (9.2 cubic yards)  
Sand and aggregate: 1,150,000 pounds (287 cubic yards)
- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.
- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance

DRAFT

AIR CONSTRUCTION PERMIT 7775045-001-AC

**SECTION III. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]

- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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#### SUBSECTION 1.0 EMISSION LIMITING STANDARDS

- 1.1 General Visible Emissions Standard: Unless otherwise specified by rule or permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). [Rule 62-296-320(4)(b)1, F.A.C.]
- 1.2 Unconfined Emissions of Particulate Matter [Rule 62-296.320(4)(c), F.A.C.]
- (a) The owner or operators shall not cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any source whatsoever, including, but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrially related activities such as loading, unloading, storing or handling, without taking reasonable precautions to prevent such emission.
- (b) Reasonable precautions may include the following:
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
  - Landscaping or planting of vegetation.
  - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
  - Confining abrasive blasting where possible.
  - Enclosure or covering of conveyor systems.
- (c) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter. For this operation, reasonable precautions shall be keeping the rock wet as needed to minimize unconfined emissions and applying any of the controls methods listed above that are feasible for the operation.

*NOTE: Facilities that cause frequent, valid complaints may be required by the Districts or County Environmental Agencies to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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1.3 General Pollutant Emission Limiting Standards: [Rule 62-296.320, F.A.C.]

- (a) The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems.
- (b) No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*NOTE: An objectionable odor is defined as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [F.A.C. 62-210.200(198)]*

**SUBSECTION 2.0      OPERATION AND MAINTENANCE**

2.1 Operating Requirements:

- (a) The units shall not operate more than 7,280 hours during any calendar year.

2.2 Changes/Modifications: The owner or operator shall submit to the Permitting Authority(s), for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential/actual emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making the desired change. *Routine maintenance of equipment will not constitute a modification of this permit. [Rule 62-4.030, 62-210.300 and 62-4.070(3), F.A.C.]*

2.3 Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the owner or operator shall notify the District and County Environmental Agency as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]

2.4 Circumvention: The owner or operator shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly. [Rules 62-210.650, F.A.C.]

2.5 Excess Emissions Requirements [Rule 62-210.700, F.A.C.]

## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emission units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the District and County Environmental Agency office for longer duration. [Rule 62-210.700(1), F.A.C.]
  - (b) Excess emissions that are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure that may reasonably be prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]
  - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify District and County Environmental Agency within one (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]
- 2.6. Operating Procedures: Operating procedures shall include good operating practices and proper training of all operators and supervisors. The good operating practices shall meet the guidelines and procedures as established by the equipment manufacturers. All operators (including supervisors) of air pollution control devices shall be properly trained in plant specific equipment. [Rule 62-4.070(3), F.A.C.]

#### SUBSECTION 3.0 MONITORING OF OPERATIONS

##### 3.1 Determination of Process Variables

- (a) The permittee shall operate and maintain equipment and/or instruments necessary to determine process variables, such as process weight input or heat input, when such data is needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) Equipment and/or instruments used to directly or indirectly determine such process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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**SUBSECTION 4.0 TEST REQUIREMENTS**

4.1 Test Performance Within 60 days after achieving the maximum production rate at which these emission units will be operated, but not later than 180 days after initial startup and annually thereafter, the owner or operator of this facility shall conduct performance test(s) pursuant to 40 CFR 60.8, Subpart A, General Provisions and 40 CFR 60, Appendix A. No other test method shall be used unless approval from the Department has been received in writing. Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emission unit(s) operating at permitted capacity pursuant to Rule 62-297.310(2), F.A.C. [**Rules 62-204.800, 62-297.310, 62-297.400, 62-297.401, F.A.C.**]

Units 001 (crusher) and 002 (diesel engine) shall be tested as follows:

- (a) Visible emissions by EPA Method 9 prior to applying for a permit to operate.
- (b) Annually for visible emissions. Note if water is used to control fugitive emissions from unit 001 during the tests.
- (c) Annually report the sulfur content of the diesel fuel used in Unit 002. Certification of sulfur content of diesel fuel by the fuel supplier will be acceptable for this report.

4.2 Test Procedures shall meet all applicable requirements of the Florida Administrative Code Chapter 62-297. [**Rule 62-297.310, F.A.C.**]

4.3 Test Notification: The owner or operator shall notify the District and County Environmental Agency in writing at least *(30) days* (initial) and *15 days* (annual) prior to each scheduled compliance test to allow witnessing. The notification shall include the compliance test date, place of such test, the expected test time, the facility contact person for the test, and the person or company conducting the test. The (30) or (15) day notification requirement may be waived at the discretion of the Department. Likewise, if circumstances prevent testing during the test window specified for the emission unit, the owner or operator may request an alternate test date before the expiration of this window. [**Rule 62-297.310 and 40 CFR 60.8, F.A.C.**]

4.4 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in Rule 62-204, 62-210, 62-212, 62-296 and 62-297, F.A.C. or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the facility to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions units and to provide a report on the results of said tests to the District and County Environmental Agency. [**Rule 62-297.310(7)(b), F.A.C.**]

4.5 Stack Testing Facilities: The owner or operator shall install any required stack testing facilities in accordance with **Rule 62-297.310(6), F.A.C.**

**APPENDIX CSC**  
EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- 4.6 Exceptions and Approval of Alternate Procedures and Requirements: An Alternate Sampling Procedure (ASP) may be requested from the Bureau of Air Monitoring and Mobile Sources of the Florida Department of Environmental Protection in accordance with the procedures specified in **Rule 62-297.620, F.A.C.**
- 4.7 Operating Rate During Testing: Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [**Rule 62-297.310(2) and (3)**]

**SUBSECTION 5.0 ... REPORTS AND RECORDS**

- 6.1 Duration: All reports and records required by this permit shall be kept for at least (5) years from the date the information was recorded. [**Rule 62-4.160(14)(b), F.A.C.**]
- 6.2 Emission Compliance Stack Test Reports:
- (a) A *test report* indicating the results of the required compliance tests shall be filed with the Permitting Authority as soon as practical, but no later than 45 days after the last sampling run is completed. [**Rule 62-297.310(8), F.A.C.**]
  - (b) The *test report* shall provide sufficient detail on the tested emission unit and the procedures used to allow the Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8), F.A.C.**
- 5.3 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the District and County Environmental Agency within (1) working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. [**Rules 62-4.130 and 62-210.700(6), F.A.C.**]
- 5.4 The permittee shall maintain a daily log that shows the date, location, operation time, any use of water to control unconfined emissions, and any operation problems. These records shall be maintained for a minimum of 5 years.



## APPENDIX CSC

### EMISSION UNIT(S) COMMON SPECIFIC CONDITIONS

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- 5.5 Annual Operating Report for Air Pollutant Emitting Facility: Before March 1st of each year, the owner or operator shall submit to the Permitting Authority this required report [DEP Form No. 62-210.900(5)], which summarizes operations for the previous calendar year. [Rule 62-210.370(3), F.A.C.]

#### SUBSECTION 6.0 OTHER REQUIREMENTS

- 6.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit does not preclude the permittee from securing any other types of required permits, licenses, or certifications.

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Business completed on the reverse side?

<b>SENDER:</b> ■ Complete items 1 and/or 2 for additional services. ■ Complete items 3, 4a, and 4b. ■ Print your name and address on the reverse of this form so that we can return this card to you. ■ Attach this form to the front of the mailpiece, or on the back if space does not permit. ■ Write "Return Receipt Requested" on the mailpiece below the article number. ■ The Return Receipt will show to whom the article was delivered and the date delivered.		I also wish to receive the following services (for an extra fee): 1. <input type="checkbox"/> Addressee's Address 2. <input type="checkbox"/> Restricted Delivery Consult postmaster for fee.
3. Article Addressed to: Mr. Melton Lane, Director Env. Health & Safety APAC - GA Pavilion PO Box 127 Greenville, SC 29602	4a. Article Number P 265 659 486	7. Date of Delivery NOV 17 1997
5. Received By: (Print Name) William Ayers	4b. Service Type <input type="checkbox"/> Registered <input checked="" type="checkbox"/> Certified <input type="checkbox"/> Express Mail <input type="checkbox"/> Insured <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> COD	
6. Signature: (Addressee or Agent) X <i>[Signature]</i>	8. Addressee's Address (Only if requested and fee is paid)	

Thank you for using Return Receipt Service.

PS Form 3811, December 1994 Domestic Return Receipt

P 265 659 486

US Postal Service  
**Receipt for Certified Mail**

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Sent to		Melton Lane
Street & Number		APAC - GA Pavilion
Post Office, State, & ZIP Code		Greenville, SC
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date		11-12-97

PS Form 3800, April 1995

5 pmts



# Department of Environmental Protection

Lawton Chiles  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Virginia B. Wetherell  
Secretary

March 17, 1997

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Milton Lane, Director  
Environmental, Health, and Safety  
Ballenger Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

Re: DRAFT Permit Nos. 7775018-002-AC, 7775027-001-AC, and 7775028-001-AC  
Statewide Construction Permits for Three Relocatable Concrete Batch Plants

Dear Mr. Lane:

Enclosed is one copy of the Draft Air Construction Permits for three relocatable concrete batch plants to operate in any county in Florida. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Construction Permit and the "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" are also included.

The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" must be published in a newspaper having general circulation in each county you intend to operate in within 30 (thirty) days of receipt of this letter. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit.

Please submit any written comments you wish to have considered concerning the Department's proposed action to A. A. Linero, P.E., Administrator, New Source Review Section at the above letterhead address. If you have any other questions, please contact Willard Hanks or Mr. Linero at 904/488-1344.

Sincerely,

C. H. Fancy, P.E., Chief,  
Bureau of Air Regulation

CHF/wh/t

Enclosures

In the Matter of an  
Application for Permit by:

Ballenger Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

DRAFT Permit Nos. 7775018-002-AC, 7775027-001-AC  
and 7775028-001-AC  
Relocatable Units  
Statewide Authorization

INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue air construction permits (copies of DRAFT Permits attached) for the proposed projects, detailed in the applications specified above and the attached Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Ballenger Paving Company, Inc., applied on January 17, 1997, to the Department for air construction permits for three relocatable concrete batch plants which may operate in any county in Florida.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that air construction permits are required for the proposed units.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-103.150, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT". The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 904/488-1344; Fax 904/ 922-6979) within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-103.150 (6), F.A.C.

The Department will issue the FINAL Permit, in accordance with the conditions of the enclosed DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit issuance action for a period of 14 (fourteen) days from the date of publication of "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT." Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

alternative remedy under Section 120.573 F.S. before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9730, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who

documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

As provided in Section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57 F.S. for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57 F.S. remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

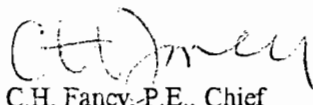
In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542 F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2) F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.

  
C.H. Fancy, P.E., Chief  
Bureau of Air Regulation





PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DRAFT Permit Nos. 7775018-002-AC, 7775027-001-AC, and 7775028-001-AC  
Ballenger Paving Company, Inc.  
Three Relocatable Concrete Batch Plants  
Statewide Operation

NOTICE TO BE PUBLISHED  
IN THE NEXT ISSUE

The Department of Environmental Protection (Department) gives notice of its intent to issue air construction permits to Ballenger Paving Company, Inc., Post Office Box 127, Greenville, South Carolina 29602 for the construction/operation of three relocatable concrete batch plants in Florida. A Best Available Control Technology (BACT) determination was not required for any air pollutant pursuant to Rule 62-212.400, F.A.C. and 40 CFR 52.21, Prevention of Significant Deterioration (PSD). The units will be operated near construction sites requiring ready mix concrete.

Each concrete batch plant will have an open area for the storage of sand and aggregate, silos for the storage of cement and fly ash, and hoppers and conveyors. Payloaders will transfer the sand and aggregate from the storage yard to the process equipment. Trucks will haul the wet ready-mix concrete from the plant to the construction site. A baghouse will be used to control the particulate matter emissions from the plant. Water will be applied to the yard to control the fugitive emissions.

Maximum particulate matter emissions from the two largest (270 cubic yard/hour production) plants are estimated to be 8.7 pounds per hour (lbs/hr) and 24.9 tons per year (TPY) each. Maximum particulate matter emissions from the other plant 120 CY/hr are estimated to be 3.9 lbs/hr and 17.0 TPY. The payloaders and trucks will emit the products of combustion from their fuel. The plant will not be a source of any other air pollutant.

Because of the low emissions and the limited time of operation at any one site (2 years), the emissions from these units will not cause any violations of the ambient air quality standards. An air quality impact analysis was not conducted. Emissions from the facility will not significantly contribute to or cause a violation of any state or federal ambient air quality standards.

The Department will issue the FINAL Permit, in accordance with the conditions of the DRAFT Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments and requests for public meetings concerning the proposed DRAFT Permit issuance action for a period of fourteen (14) days from the date of publication of this Notice. Written comments and requests for public meetings should be provided to the Department's Bureau of Air Regulation, 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Permit, the Department shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice.

The Department will issue FINAL Permit with the conditions of the DRAFT Permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57 F.S. or a party requests mediation as an alternative remedy under Section 120.573 before the deadline for filing a petition. Choosing mediation will not adversely affect the right to a hearing if mediation does not result in a settlement. The procedures for petitioning for a hearing are set forth below, followed by the procedures for requesting mediation.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, telephone: 904/488-9370, fax: 904/487-4938. Petitions must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. A petitioner must mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition (or a request for mediation, as discussed below) within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-5.207 of the Florida Administrative Code.

NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER

Ballenger Paving Company, Inc.  
Public Notice  
Page 2

A petition must contain the following information: (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of the facts that the petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the Department to take with respect to the Department's action or proposed action addressed in this notice of intent.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

A person whose substantial interests are affected by the Department's proposed permitting decision, may elect to pursue mediation by asking all parties to the proceeding to agree to such mediation and by filing with the Department a request for mediation and the written agreement of all such parties to mediate the dispute. The request and agreement must be filed in (received by) the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, by the same deadline as set forth above for the filing of a petition.

A request for mediation must contain the following information: (a) The name, address, and telephone number of the person requesting mediation and that person's representative, if any; (b) A statement of the preliminary agency action; (c) A statement of the relief sought; and (d) Either an explanation of how the requester's substantial interests will be affected by the action or proposed action addressed in this notice of intent or a statement clearly identifying the petition for hearing that the requester has already filed, and incorporating it by reference.

The agreement to mediate must include the following: (a) The names, addresses, and telephone numbers of any persons who may attend the mediation; (b) The name, address, and telephone number of the mediator selected by the parties, or a provision for selecting a mediator within a specified time; (c) The agreed allocation of the costs and fees associated with the mediation; (d) The agreement of the parties on the confidentiality of discussions and documents introduced during mediation; (e) The date, time, and place of the first mediation session, or a deadline for holding the first session, if no mediator has yet been chosen; (f) The name of each party's representative who shall have authority to settle or recommend settlement; and (g) The signatures of all parties or their authorized representatives.

As provided in Section 120.573 F.S., the timely agreement of all parties to mediate will toll the time limitations imposed by Sections 120.569 and 120.57 F.S. for requesting and holding an administrative hearing. Unless otherwise agreed by the parties, the mediation must be concluded within sixty days of the execution of the agreement. If mediation results in settlement of the administrative dispute, the Department must enter a final order incorporating the agreement of the parties. Persons whose substantial interests will be affected by such modified final decision of the Department have a right to petition for a hearing only in accordance with the requirements for such petitions set forth above. If mediation terminates without settlement of the dispute, the Department shall notify all parties in writing that the administrative hearing processes under Sections 120.569 and 120.57 F.S. remain available for disposition of the dispute, and the notice will specify the deadlines that then will apply for challenging the agency action and electing remedies under those two statutes.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dade County Department of  
Environmental Resources Management  
33 Southwest Second Avenue, Suite 900  
Miami, Florida 33130-1540  
Telephone: 305/372-6925

Broward County Department of  
Natural Resource Protection  
218 Southwest 1st Avenue  
Fort Lauderdale, Florida 33301  
Telephone: 954/519-1220

Hillsborough County Environmental  
Protection Commission  
1410 North 21 Street  
Tampa, Florida 33605  
Telephone: 813/272-5530

**NOTICE TO BE PUBLISHED  
IN THE NEWSPAPER**

Ballenger Paving Company, Inc.  
Public Notice  
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Division of Environmental Science  
and Engineering  
Palm Beach County Health Unit  
901 Evernia Street  
West Palm Beach, Florida 33401  
Telephone: 561/355-3070

Air Quality Division  
Pinellas County Department of  
Environmental Management  
300 South Garden Avenue  
Clearwater, Florida 34616  
Telephone: 813/464-4422

Air and Water quality Division  
Regulatory and Environmental  
Services Department  
421 West Church Street, Suite 412  
Jacksonville, Florida 32202-4111  
Telephone: 904/630-3484

Department of Environmental Protection  
Northwest District  
160 Government Center, Suite 308  
Pensacola, Florida 32501-5794  
Telephone: 904/444-8300

Department of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida  
Telephone: 813/744-6100

Department of Environmental Protection  
South Florida District  
2295 Victoria Avenue, Suite 364  
Fort Myers, Florida 33901  
Telephone: 813/332-6975

Department of Environmental Protection  
Northeast District  
7825 Baymeadows Way, Suite 200B  
Jacksonville, Florida 32256  
Telephone: 904/448-4300

Department of Environmental Protection  
Central District  
3319 Maguire Boulevard, Suite 232  
Orlando, Florida 32803-3767  
Telephone: 407/984-7555

Department of Environmental Protection  
Southeast District  
400 North Congress Avenue  
West Palm Beach, Florida 33416-5425  
Telephone: 561/681-6600

The complete project file includes the application, technical evaluations, draft permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, New Resource Review Section at 111 South Magnolia Drive, Suite 4, Tallahassee, Florida 32301, or call 904/488-1344, for additional information.

**DIVISION OF AIR RESOURCES MANAGEMENT  
BUREAU OF AIR REGULATION  
NEW SOURCE REVIEW SECTION  
Telephone (904) 488-1344  
Fax (904) 922-6979**

**TECHNICAL EVALUATION  
AND  
PRELIMINARY DETERMINATION**

Three Relocatable Concrete Batch Plants  
Statewide Operation

**Ballenger Paving Company, Inc.  
Greenville, South Carolina**

Unit Number/Facility ID No.  
Unit 1/7775018-002-AC  
Unit 2/7775027-001-AC  
Unit 3/7775028-001-AC

March 17, 1997

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

## 1. APPLICATION INFORMATION

### 1.1 Applicant Name and Address

Ballenger Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602

#### Authorized Representative

Mr. Milton Lane, Director  
Environmental Health and Safety

### 1.2 Reviewing and Process Schedule

January 17, 1997      Date of Receipt of Applications and Fee  
January 29, 1997      Date of Receipt of Signed Applications

## 2. FACILITY INFORMATION

### 2.1 Facility Location

The applicant proposes to obtain air permits for three relocatable concrete batch plants. One unit has operated in Duval County under permit No. 7775018-001-AC. As this permit limits operation to Duval County, the owner is requesting this permit be modified to remove the restriction on locations the unit can operate at. The other two units are operating out of Florida. The applicant has requested permits that will allow the units to operate near constructions sites anywhere in Florida.

One of the units (Unit 3) is rated at a production capacity of 120 cubic yards per hour (CY/hr) of ready mix concrete. The other two units are rated at 270 CY/hr.

Each relocatable plant will use an outside storage area for aggregate and sand. Each plant contains a hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and mixer. Particulate matter emissions from the processing equipment is controlled with a baghouse. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading truck bring the cement and flyash to the plant. Other trucks may bring the sand, aggregate, and water to the plant.

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

## 2.2 Standard Industrial Classification Code (SIC)

Major Group No.	327	Concrete, Gypsum, and Plaster Products
Group No.	3273	Concrete batching
SCC No.	3-05-011-12	Mixing: Wet (CY Concrete Produced)

## 2.3 Facility Category

Each Ballenger Paving Company concrete batch plant is classified as a minor air pollutant emitting facility. Air pollutant emissions are less than 100 TPY for particulate matter (PM/PM<sub>10</sub>). This facility is not on the list of the 28 Major Facility Categories, Table 62-212.400-1. This facility is not classified as a Title V facility.

Based on the specific conditions in the draft permit and the physical restrictions of the equipment, this facility is classified as a non-Title V *minor source* of air pollution.

## 3. PROJECT DESCRIPTION

### 3.1 These permits address the following emissions units:

EMISSION UNIT No.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 7775018-002-AC	Unit 1	270 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775027-001-AC	Unit 2	270 CY/hr Relocatable Concrete Batch Plant
ARMS No. 7775028-001-AC	Unit 3	120 CY/hr Relocatable Concrete Batch Plant

The applicant requested an air construction/modification permit to operate these units in any county in Florida.

## 4. PROCESS DESCRIPTION

### 4.1 General Information

These plants produce ready-mix concrete by mixing sand, aggregate, cement, flyash, and water. The flow diagram from the application shows the process used by the three plants

The operation of a relocatable concrete batch plant produces fugitive particulate matter emissions and, from the vehicles operated in conjunction with the plant, the products of combustion of the fuel. Fugitive particulate matter emissions from handling of the sand and aggregate in the yard will be controlled by wetting as needed. Particulate matter emissions from the batch plant are controlled by a baghouse. The product (ready-mix concrete) is wet and not a source of

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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emissions. Emissions of the products of combustion from vehicles are not regulated by this permit.

## 5. RULE APPLICABILITY

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, Florida Statutes, and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.).

This facility may operate in any location in Florida [County], including areas designated as attainment for all criteria pollutants and attainment/maintenance for criteria pollutants in accordance with Rule 62-204.340, F.A.C., Designation of Attainment, Nonattainment, and Maintenance Areas. The proposed project is not subject to review under Rule 62-212.400, F.A.C., Prevention of Significant Deterioration (PSD), because each unit is a minor source for particulate matter (PM/PM10).

Some of the rules the units are subject to are: Rule 62-296.414, F.A.C., Concrete Batching Plants; Rule 62-296.320(4)(c), F.A.C., Unconfined Emissions of Particulate Matter; and Rule 62-210.370, F.A.C., Reports. Other applications regulations are listed below.

Chapter 62-4	Permits.
Rule 62-204.220	Ambient Air Quality Protection
Rule 62-204.240	Ambient Air Quality Standards
Rule 62-210.300	Permits Required
Rule 62-210.350	Public Notice and Comments
Rule 62-210.370	Reports
Rule 62-210.650	Circumvention
Rule 62-210.700	Excess Emissions
Rule 62-210.900	Forms and Instructions
Rule 62-212.300	General Preconstruction Review Requirements
	Rule 62-212.400
Rule 62-296.320	General Pollutant Emission Limiting Standards
Rule 62-297.310	General Test Requirements
Rule 62-297.400	EIA Methods Adopted by Reference
Rule 62-297-401	EPA Test Procedures



# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

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## 6. SOURCE IMPACT ANALYSIS

### 6.1 Emission Limitations

The proposed *units* will emit particulate matter (PM/PM10). The estimated emissions for each unit are summarized below.

<u>UNIT</u>	<u>PM EMISSIONS (LBS/HR)</u>	<u>PM EMISSIONS (TPY)</u>
1	8.7	24.9
2	8.7	24.9
3	3.9	17.0

### 6.3 Control Technology Review

The allowable emissions from concrete batch plants is 5 percent opacity. The process equipment in the applicant's batch plants is ducted to a medium efficiency baghouse. This baghouse should be able to meet the emission limit specified in the regulations.

The regulations require the applicant to employ reasonable precautions to control unconfined emissions from the yard. The applicant proposes to use water sprays on the aggregate storage area, watering trucks on the roadways and plant structures, and to clean the surfaced areas around the plant as needed. Use of this plan is acceptable as reasonable precautions to control fugitive emissions from the site.

### 6.4 Air Quality Analysis

#### 6.4.1 Introduction

An air quality analysis was not conducted on this plant. Based on experience, the Department believes the emissions from these plants will not cause a violation of the ambient air quality standard for particulate matter.

## 7. CONCLUSION

Based on the foregoing technical evaluation of the application, the Department has made a preliminary determination that the proposed project will comply with all applicable state and federal air pollution regulations provided the reasonable precaution proposed in the application are implemented and certain conditions are met. The General and Specific Conditions are listed in the attached draft conditions of approval .

# TECHNICAL EVALUATION AND PRELIMINARY DETERMINATION

*Permit Engineer: Willard Hanks*

*Reviewed and Approved by A. A Linero, P.E.*

# DRAFT

**PERMITTEE:**

**Ballenger Paving Company, Inc.**  
Post Office Box 127  
Greenville, South Carolina 29602

<b>FID No.</b>	7775018
<b>Permit No.</b>	7775018-002-AC
<b>Expires:</b>	December 31, 1997

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 1  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.), have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC

Construction Permit General Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

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**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**SUBSECTION A. ADMINISTRATIVE**

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (904)488-1344.
- This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.
- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on **December 31, 1997**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT No.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 1 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
- Enclosure or covering of conveyor systems;
- Curtailing of operations if winds are entraining unconfined particulate matter; and
- Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)

B.5 This plant shall not operate for more than 2 years at any one site in Florida.

**B.6 PROCESS OPERATING RATES**

Maximum production shall not exceed 1,080,000 pounds (270 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

Cement: 108,000 pounds (27 cubic yards)

Flyash: 27,000 pounds (6.8 cubic yards)

Sand and aggregate: 847,800 pounds (212 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31, 1997. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**DRAFT**

**PERMITTEE:**

**Ballenger Paving Company, Inc.**  
Post Office Box 127  
Greenville, South Carolina 29602

<b>FID No.</b>	7775027
<b>Permit No.</b>	7775027-001-AC
<b>Expires:</b>	December 31, 1997

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 2  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC

Construction Permit General Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

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**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 270 cubic yard per hour Rex Model S relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**SUBSECTION A. ADMINISTRATIVE**

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (904) 488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on December 31, 1997. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No.1	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 2 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
  - Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
- Enclosure or covering of conveyor systems;
- Curtailing of operations if winds are entraining unconfined particulate matter; and
- Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

- B.4 This emission unit is allowed to operate 5,710 hours/year. [Rule 62-210.200, F.A.C.] Definitions - Potential to emit (PTE)
- B.5 This plant shall not operate for more than 2 years at any one site in Florida.
- B.6 *PROCESS OPERATING RATES*

Maximum production shall not exceed 1,080,000 pounds (270 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

- Cement: 108,000 pounds (27 cubic yards)
- Flyash: 27,000 pounds (6.8 cubic yards)
- Sand and aggregate: 847,800 pounds (212 cubic yards)

- B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

- B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31, 1997. [Rule 62-297.340(1)(d), F.A.C.]
- B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]
- B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.
- B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]
- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

APPENDIX GC  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

**DRAFT**

**PERMITTEE:**

**Ballenger Paving Company, Inc.**  
Post Office Box 127  
Greenville, South Carolina 29602

<b>FID No.</b>	7775028
<b>Permit No.</b>	7775028-001-AC
<b>Expires:</b>	December 31, 1997

*Authorized Representative:*  
Mr. Milton Lane, Director  
Environmental Health and Safety

**LOCATED AT:**

Project: Relocatable Concrete Batch Plant, Unit No. 3  
Standard Industrial Classification Code (SIC): 3273

The plant may be operated in any county in Florida provided: the public notice requirements per Rule 62-103.150, Florida Administrative Code (F.A.C.) have been met within the previous 5 years; the permit for the unit has been issued/amended to authorize operation in the county; the new site is listed in a Notification of Intent to Relocate Air Pollutant Emitting Facility; and all county requirements have been satisfied.

**STATEMENT OF BASIS:**

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-204, 62-210, 62-212, 62-296, and 62-297, F.A.C. The above named permittee is authorized to construct the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

**Attached appendices and Tables made a part of this permit:**

Appendix GC

Construction Permit General Conditions

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Howard L. Rhodes, Director  
Division of Air Resources  
Management

**SECTION I. FACILITY INFORMATION**

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**SUBSECTION A. FACILITY DESCRIPTION**

This facility consists of a 120 cubic yard per hour Vince Hagan Model relocatable concrete batch plant (SIC 3273). The operation will store aggregate and sand in the yard. The plant contains a feed hopper for the sand and aggregate, enclosed silos for the Portland cement and flyash, conveyors, cement scales, and a mixer. Particulate matter emissions from the processing equipment are controlled with a baghouse. Reasonable precautions are used to control unconfined emissions. A payloader transfers the sand and aggregate to the plant. Enclosed trucks haul the wet concrete mix from the plants. Pneumatic unloading trucks bring the cement and flyash to the plant. Other trucks may bring sand, aggregate, and water to the plant.

**SUBSECTION B. REGULATORY CLASSIFICATION**

This industry is not listed in Table 212.400-1, Major Facility Categories.

**SUBSECTION C. PERMIT SCHEDULE:**

- (DATE) Petition for an administrative hearing
- (DATE) Notice of Intent published in [issue of Newspaper]
- (DATE) Issued Notice of Intent to issue Permit
- 01/29/97 Application deemed complete

**SUBSECTION D. RELEVANT DOCUMENTS:**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

1. Application received 01/17/97
2. Signed Application received 01/29/97

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**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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**SUBSECTION A. ADMINISTRATIVE**

- A.1 Regulating Agencies: All documents related to applications for permits to operate, annual operation reports, and minor modifications shall be submitted to the Bureau of Air Regulation (Permitting Authority). Notifications of relocation, schedules for compliance testing, and test reports shall be submitted to the District or county having jurisdiction over the site the unit will operate at. All applications for permits to construct or modify an emission unit(s) should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection (FDEP) located at 2600 Blairstone Road, Tallahassee, Florida 32399-2400 and phone number (904)488-1344.

This permit does not eliminate the necessity for obtaining any other federal, state or local permits that may be required, or allow the permittee to violate any more stringent standards established by federal or local law. The permit does not allow the permittee to cause pollution in contravention of Florida Statutes and Department rules. Local program requirements may apply to the operation of this unit.

- A.2 Relocation Notification: At least 7-days prior to relocating the plant to an approved site whose public notice was published within the last 5 years, the permittee shall notify the air program administrator for the Department's District and, if applicable, county environmental program. The notification will be on DEP Form 62-210.900(3), F.A.C. All potential operation sites may be shown on a USGS topographic map. Unless notified otherwise by an environmental agency, the plant may be relocated and operated at any site on the list. County license, a discretionary public notice, or additional restrictions for the operation at a specific site may be imposed by the environmental agency. If the public notice for a site is more than 5 years old, the Form shall be submitted at least 30 days in advance of the move and a new public notice is required prior to operating at that site.
- A.3 General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in *Appendix GC* of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. [Rule 62-4.160, F.A.C.]
- A.4 Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
- A.5 Forms and Application Procedures: The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C. and follow the application procedures in Chapter 62-4, F.A.C. [Rule 62-210.900, F.A.C.]
- A.6 Expiration: This air construction permit shall expire on **December 31, 1997**. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C.]
- A.7 Application for Permit to Operate: At least sixty days prior to the expiration date of this construction permit, the permittee shall submit to the Department's Bureau of Air Regulation four air permit applications for permits to operate, DEP Form No. 62-210.900(2), along with the processing fee established in Rule 62-4.050(4), F.A.C.

**DRAFT**

AIR CONSTRUCTION PERMIT 7775028-001-AC

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

A.8 Operation and Maintenance Plan: An Operation and Maintenance (O&M) Plan for the air pollution control device shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of three years and made available upon request. At a minimum, the O&M plan shall include:

- The operating parameters of the control device.
- A timetable for the routine maintenance of the pollution control device.
- A timetable of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

**SUBSECTION B. SPECIFIC CONDITIONS:**

The following Specific Conditions apply to the following emission units:

EMISSION UNIT NO.	SYSTEM	EMISSION UNIT DESCRIPTION
ARMS No. 01	Concrete Batch Plant	Feed Hopper, silos, Conveyors, Scale, Mixer, and associated equipment controlled by a baghouse

The Department's designation of Unit No. 3 shall be marked on this plant.

**EMISSION LIMITATIONS**

- B.1 Visible emissions from each dust collector exhaust point, silos hoppers and other storage or conveying equipment shall not exceed 5 percent opacity. [Rule 62-296.414(1), F.A.C.]
- B.2 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.]
- B.3 The owner or operator shall control unconfined emissions using reasonable precautions per the conditions of Rule 62-296.320(4)(c), F.A.C. Reasonable precautions shall include the following:
- Management of roads, parking areas, and yards, which shall include one or more of the following:
  - Paving and maintenance of roads, parking areas, and yards;
  - Application of water when necessary to control emissions; and

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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- Removal of particulate matter from roads and other paved areas under control of the owner or operator to prevent reentrainment, and from building or work areas to prevent particulate matter from becoming airborne.
- Enclosure or covering of conveyor systems;
- Curtailing of operations if winds are entraining unconfined particulate matter; and
- Use of spray bar or chute to mitigate emissions at the drop point to the truck.

**OPERATIONAL LIMITATIONS**

B.4 Hours of operation are not limited. [Rule 62-4.070(3), F.A.C.]

B.5 This plant shall not operate for more than 2 years at any one site in Florida.

B.6 *PROCESS OPERATING RATES*

Maximum production shall not exceed 480,000 pounds (120 cubic yards) per hour and hourly consumption of raw materials shall not exceed:

Cement: 48,000 pounds (12 cubic yards)

Flyash: 12,000 pounds (3 cubic yards)

Sand and aggregate: 376,800 pounds (94.2 cubic yards)

B.7 Water shall be added to the concrete mix prior to it being loaded into trucks.

**TEST METHODS AND PROCEDURES**

B.8 Each dust collector exhaust point shall be tested for visible emissions on an annual basis, within 60 days prior to the base date of December 31, 1997. [Rule 62-297.340(1)(d), F.A.C.]

B.9 All emission tests performed shall comply with the following requirements in this section of the permit. [Rule 62-296.414(3), F.A.C.]

B.10 The test method for visible emissions shall be DEP Method 9, incorporated in Chapter 62-297, F.A.C.

B.11 Visible emissions tests of dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons per hour, and loading shall be completed within one hour. If the 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 the emissions test 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 the emissions testing.

B.12 Per the conditions of Rule 62-297.310(7)(a), F.A.C., each dust collector exhaust point shall be tested for compliance with the visible emission limiting standard of Rule 62-296.414(1), F.A.C. For all facilities, annual compliance tests

**SECTION II. EMISSION UNITS(S) SPECIFIC CONDITIONS**

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shall be conducted once [per year within 30 days prior to the anniversary date of the air operation permit. [Rule 62-296.414(4), F.A.C.]

- B.13 Each dust collector exhaust point shall be tested 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 loading operation. [Rule 62-297.310(4)(a), F.A.C.]

**RECORDKEEPING AND REPORTING REQUIREMENTS**

- B.14 The air program administrators for the Department's Districts or county environmental programs having jurisdiction over the site where the plant will be tested shall be notified in writing at least 15 days in advance of any compliance test scheduled to be conducted on this operation. 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. [Rule 62-297.340(1)(I), F.A.C.]
- B.15 Reports of the required compliance tests shall be filed with the Air Compliance Section of the District or county office where the test was conducted as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.570(2), F.A.C.]
- B.16 All measurements, records, and other data required to be maintained by this facility shall be retained for at least three (3) years following the date on which such measurements, records, or data are recorded. These data shall be made available to the Department upon request. The Permitting Authority shall be notified in writing at least 15 days prior to the testing (auditing) of any instrument required to be operated by these specific conditions of certification in order to allow witnessing by authorized personnel. [Rule 62-4.070(3), F.A.C.]



**APPENDIX GC**  
**GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]**

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.2 This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state or local laws or regulations. This permit is not a waiver or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.5 This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit;
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit, and,
  - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.
- Reasonable time may depend on the nature of the concern being investigated.
- G.8 If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

APPENDIX GC  
GENERAL PERMIT CONDITIONS [F.A.C. 62-4.160]

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The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

- G.9 In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
- G.10 The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance, provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology ( )
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards ( ).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (b) The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application or this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

# Memorandum

# Florida Department of Environmental Protection

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TO: Clair Fancy

THRU: Al Linero *al Linero* 3/17

FROM: Willard Hanks *wmh*

DATE: March 17, 1997

SUBJECT: **Ballenger Paving Company, Inc.**  
**Construction Permits for 3 Relocatable Units**  
**7775018-002-AC**  
**7775027-001-AC**  
**7775028-001-AC**

Attached for your approval and signature is a Technical Evaluation and Preliminary Determination, including Intent, Public Notice and Draft Permits, for three relocatable concrete batch plants. The applicants has requested permission to operate these units throughout the state.

Each relocatable concrete batch plant is a minor emission unit. The applicant will use baghouses on the batch plants and reasonable precautions (wetting) in the yard to control emissions. The baghouses for the cement and flyash silos can meet the 5 percent opacity standard in the Department's air regulations for these plants.

I recommend your approval and signature of the Department's Intent.

WH/t

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

3. Article Addressed to:  
*Mr. Milton Lane, Director  
 Env., Health, & Safety  
 Ballenger Paving Co.  
 P.O. Box 127  
 Greenville, SC 29602*

4a. Article Number  
*P 265 659 139*

4b. Service Type  
 Registered  Certified  
 Express Mail  Insured  
 Return Receipt for Merchandise  COD

7. Date of Delivery  
*MAR 24 1997*

5. Received By: (Print Name)

8. Addressee's Address (Only if requested and fee is paid)

6. Signature: (Addressee or Agent)  
*X [Signature]*

PS Form 3811, December 1994

Domestic Return Receipt

Thank you for using Return Receipt Service.

P 265 659 139

US Postal Service  
**Receipt for Certified Mail**  
 No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

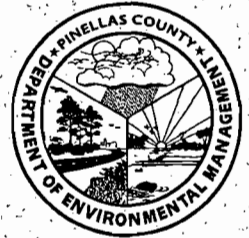
Sent to		<i>Milton Lane</i>
Street & Number		<i>Ballenger Paving</i>
Post Office, State, & ZIP Code		<i>Greenville, SC</i>
Postage	\$	
Certified Fee		
Special Delivery Fee		
Restricted Delivery Fee		
Return Receipt Showing to Whom & Date Delivered		
Return Receipt Showing to Whom, Date, & Addressee's Address		
TOTAL Postage & Fees	\$	
Postmark or Date		<i>3-20-96</i>
<i>3 bags concrete Batch Plants</i>		

PS Form 3800, April 1995



**PINELLAS COUNTY  
DEPARTMENT OF ENVIRONMENTAL MANAGEMENT**

**AIR QUALITY DIVISION  
300 SOUTH GARDEN AVENUE  
CLEARWATER, FLORIDA 34616**



COMMISSIONERS  
ROBERT B. STEWART - CHAIRMAN  
BARBARA SHEEN TODD - VICE CHAIRMAN  
CALVIN D. HARRIS  
SALLIE PARKS  
STEVE SEIBERT

PHONE: (813)464-4422  
FAX: (813)464-4420  
SUNCOM: 570-4422  
SUNCOMFAX: 570-4420

February 28, 1997

Willard Hanks  
Division of Air Resources Management  
Florida Department of Environmental Protection  
111 South Magnolia, MS 5505  
Tallahassee, Florida 32399-2400

**RECEIVED**

**MAR 3 1997**

**BUREAU OF  
AIR REGULATION**

Re: **BALLENGER PAVING COMPANY, INC., 7775027-001-AC**

Mr. Hanks:

This office has reviewed the construction application for the above mentioned facility. The application is considered complete.

Pinellas County does have a requirement for an operation and maintenance plan (O&M Plan) when control equipment is utilized. When the construction permit is issued, it should reflect the need to submit an O&M Plan with the application for an operating permit. The recommended language is:

An Operation and Maintenance (O&M) Plan for the C & W Manufacturing and Sales Company, Inc., Model CW-RA-200 shall be submitted with the application for an operating permit. The O&M logs shall be maintained for a minimum of two years and made available upon request. At a minimum, the O&M plan shall include:

- A. The operating parameters of the control device.
- B. A timetable for the routine maintenance of the pollution control device.
- C. A time table of routine weekly, bi-monthly, or monthly observations of the pollution control device.
- D. A list of the type and quantity of the required spare parts which are stored on the premises for the control device.
- E. A record log which shows, at a minimum, when maintenance was performed, what maintenance was performed, and by whom.

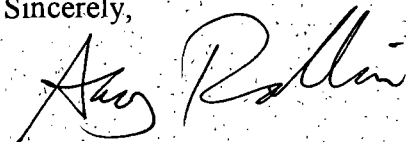
[Pinellas County Pinellas County Code, Section 58-128]



If the permit is issued with the general language stating that the facility must comply with local requirements, Ballenger would need to submit an acceptable O&M Plan with their notice to relocate. The preference is to have the specific language in the permit.

If you have any questions, contact this office at (813) 464-4422 or Suncom 570-4422.

Sincerely,



Gary Robbins, Environmental Program Manager  
Air Quality Division

cc: PF(7775027), RF  
Milton Lane - Ballenger Paving Company, Inc.  
David Robb - RTP Environmental Associates, Inc.



# RTP ENVIRONMENTAL ASSOCIATES INC.®

AIR · WATER · SOLID WASTE CONSULTANTS

1900 South Highway 14 · Suite 4-B  
Greer, South Carolina 29651  
(rtp@acsinc.net)

(864) 848-1303  
Fax: (864) 848-1311

January 28, 1997

Mr. Willard Hanks, Engineer  
Florida Department of Environmental Protection  
Bureau of Air Registrations, MS 5505  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RECEIVED**  
JAN 28 1997  
BUREAU OF  
AIR REGULATION

Re: Ballenger Paving Company, Inc. Permit Applications for Three Relocatable Concrete Batch Plants

Dear Mr. Hanks:

Enclosed are an original and three copies of a permit application for the construction of a Vince Hagan Model relocatable concrete batch plant, and an original and three copies of a permit application for the construction of two identical Rex Model S relocatable concrete batch plants that we discussed this afternoon.

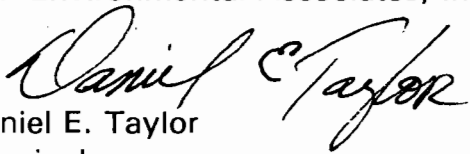
Ballenger requests the Rex Model-S unit permitted in Duval County be amended to allow it's operation State-wide. For this amendment, a \$250 review fee is required. In addition, the State-wide permitting request for the two identical units requires a fee of \$2,000. It is my understanding that a check for \$2,250, the total of all required fees, has been mailed to DEP and has been received by the Department.

Our understanding is the Bureau of Air Regulations will issue an "Intent to Issue" in draft permit, along with a public notice and a list of newspapers to publish the notice throughout Florida. Ballenger Paving Company would like to run all three public notices consecutively. After roughly fifteen days upon the published public notice, a final construction permit will be issued to the facility.

Mr. Willard Hanks  
Florida Department of Environmental Protection  
January 28, 1997  
Page 2

If there is anything we can do to expedite the permitting process or should you have any questions or comments concerning these applications, please give me a call at (864) 848-1303 or Mr. Corky Lane at (864) 292-9550.

Sincerely,  
RTP Environmental Associates, Inc.®

  
Daniel E. Taylor  
Principal

enclosures

cc: Mr. Corky Lane, Ballenger Paving Company



RECEIVED  
JAN 17 1997  
BUREAU OF  
AIR REGULATION

December 6, 1996

Sent Via Overnight Delivery

Mr. Willard Hanks, Engineer  
Florida Department of Environmental Protection  
Bureau of Air Regulations, MS 5505  
Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

RE: Request for State-Wide Construction Permits for Ballenger Paving Company's  
Relocatable Concrete Batch Plants

Dear Mr. Hanks:

Thank you for all of your helpful guidance you've given me on these permitting projects. Attached are four copies of each (eight copies total) of the completed construction permit applications. The one original (the other three are copies) is signed and embossed by a professional engineer and is signed and dated by a company authorized representative. Please note that there are two identical 270 cubic yard per hour units (Rex Model - S) and one 120 cubic yard per hour unit (Vince Hagan Model).

Ballenger requests the Rex Model - S unit permitted in Duval County be amended to allow it's operation State-wide. For this amendment, a \$250.00 review fee is enclosed. In addition, for the State-wide permitting of the other two units, a \$2,000.00 review fee is enclosed. Therefore, enclosed is a check for \$2,250.00 made payable to the Florida Department of Environmental Protection.

Page 1 of 2

Our understanding is the Bureau of Air Regulations will issue an "Intent to Issue" in draft permit, along with a public notice and a list of newspapers to publish the notice throughout Florida. Ballenger Paving Company would like to run all three public notices consecutively. After roughly fifteen days upon the published public notice, a final construction permit will be issued to the facility.

If there is anything we can do to expedite the permitting process or should you have any additional questions concerning the submittal, please contact me at (864) 848-1303 or Mr. Corky Lane at (864) 292-9550.

Sincerely,  
RTP Environmental Associates, Inc.®

David L. Robb  
Senior Project Manager

Enclosures


cc: Mr. Milton (Corky) Lane - Ballenger Paving Company, Inc.

APAC - BALLENGER  
 POST OFFICE BOX 127, GREENVILLE, SC 29602 864-292-9550

810  
 REMITTANCE ADVICE

DATE OR INVOICE NUMBER	AMOUNT	DISCOUNT	NET	CODE	DATE OR INVOICE NUMBER	AMOUNT	DISCOUNT	NET	CODE
120396	225000		225000	1					
CODES: 1. INVOICE      2. CREDIT MEMO 3. DEBIT MEMO    4. OTHER									
<b>TOTALS</b>									225000

**ORIGINAL DOCUMENT HAS VISIBLE AND FLUORESCENT FIBER AND A TRUE WATERMARK**



**Ballenger Paving**

**BALLENGER PAVING**  
 A DIVISION OF APAC GEORGIA, INC.  
 POST OFFICE BOX 127  
 GREENVILLE, S.C. 29602-0127  
 (864) 292-9550

061827  
 161827

\*\*\*\*\*2\*THOUSAND\*250\*DOLLARS\*AND\*NO\*CENTS\*\*\*\*\*

DATE  
**1-15-97**

250422

PAY TO THE ORDER OF  
**FLORIDA DEPT OF ENVIROMENTAL PROTECTION**

BANK OF ASHLAND  
 ASHLAND, KENTUCKY

NET AMOUNT  
**\$2,250.00\*\*\***

GENERAL ACCOUNT

*Mr. J. Russell  
 J. Childers*

AUTHORIZED SIGNATURE

73-113  
 421

REGULATORY & ENVIRONMENTAL  
SERVICES DEPARTMENT  
Air & Water Quality Division

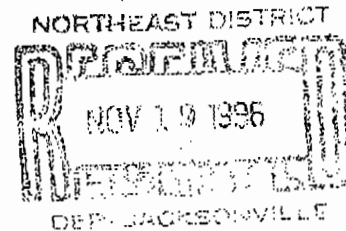


**NOTICE OF PERMIT ISSUANCE**

**CERTIFIED - RETURN RECEIPT**

Mr. Milton Lane  
Ballenger Paving Company, Inc.  
900 West Lee Road  
Greenville, SC 29602

**Re: Duval County - Air Pollution  
Ballenger Paving Company, Inc.  
Relocatable Concrete Batch Plant  
Permit No. 777-5018-001-AC**



Dear Mr. Lane:

Enclosed is Permit Number 777-5018-001-AC for the subject air pollution source, issued pursuant to Section 403.087, Florida Statutes (FS).

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, FS, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, City of Jacksonville, 1300 City Hall, 220 E. Bay Street, Jacksonville, FL 32202, and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the Clerk of the Department.

Executed in Jacksonville, Florida.

City of Jacksonville  
Regulatory and Environmental Services Department  
Air & Water Quality Division

*James L. Manning*  
James L. Manning, P.E.  
Chief

Postmark	Date	# of pages
Fax Note R7673	7/21	8
To	DILL LIEFFLER	
Fax#	850-922-6979	
From	KICK BANKS	
Phone#		

JLM/bc



421 West Church Street - Suite 422  
Jacksonville, Florida 32202-4111

Air Quality	630-3484
Water Quality	630-3401
Ground Water	630-4900
Hazardous Materials	630-3404

Mr. Milton Lane  
Ballenger Paving Company, Inc.  
Permit No: 777-5018-001-AC  
Page 2

Copies furnished to: Mr. Gregory K. Radlinski, OGC, Environmental Law Section  
Mr. Robert Leetch, P.E., FDEP, Northeast District  
Mr. David Robb, RTP Environmental Associates, Inc.

**CERTIFICATE OF SERVICE**

This is to certify that this NOTICE OF PERMIT ISSUANCE and all copies were mailed before the close of business on 11/7/96 to the listed persons.

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to § 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

Beverly Long 11/7/96  
Clerk Date

# FINAL DETERMINATION

## I. GENERAL INFORMATION

### A. APPLICANT

Ballenger Paving Company, Inc.  
P.O. Box 127  
Greenville, SC 29602

File 777-5018-001-AC

### B. PROJECT

On August 27, 1996 the applicant submitted an application to construct a relocatable concrete batch plant. The Rex Model S relocatable concrete batch plant shall be positioned at three locations along Florida Interstate 95 for the purpose of repairing the Interstate's concrete pads.

## II. FINAL DETERMINATION

The Technical Evaluation and Preliminary Determination for the project described above was distributed on October 16, 1996. The Notice of Intent To Issue was published in the Florida Times Union on October 18, 1996.

Copies of the evaluation were available for public inspection at the Regulatory and Environmental Services Department, Air & Water Quality Division (Department) and the Department of Environmental Protection, Northeast District offices.

Comments were submitted on the Draft Construction Permit by RTP Environmental Associates, Inc. on behalf of Ballenger Paving Co. Based on the comments submitted, the Final Permit shall incorporate the following revision.

Specific Condition 13 shall be changed as follows:

**From:** Operation shall be limited to 5710 hours per year.

**To:** Operation shall be limited to 8760 hours per year.

The final action of the Department will be to issue construction permit 777-5018-001-AC as proposed in the Technical Evaluation and Preliminary Determination except for the change referenced above.

S:PERMITN7775018/FD

**REGULATORY & ENVIRONMENTAL  
SERVICES DEPARTMENT**  
Air & Water Quality Division



<b>Permittee:</b>  Ballenger Paving Company, Inc. P.O. Box 127 Greenville, SC 29602	<b>Permit Number:</b> <b>Expiration Date:</b> <b>County:</b> <b>Latitude/Longitude:</b> <b>UTM: Zone 17</b> <b>Project:</b>	777-5018-001-AC April 30, 1997 Duval 30°07'35" N / 81°30'14" W E-443.8 N-3345.0 Relocatable Concrete Batch Plant
---	--	---

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 62-209, 62-210, 62-212, 62-272, 62-275, 62-296, 62-297 and 62-4. The above named 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 Regulatory and Environmental Services Department, Air & Water Quality Division (Department), and made a part hereof and specifically described as follows:

For the construction of a Rex Model S Relocatable Concrete Batch Plant.

Emission Unit(s) (EU) and Control Equipment shall be as follows:

<u>EU No.</u>	<u>EU Description</u>	<u>Control Equipment</u>
001	Rex Model S Relocatable Concrete Batch Plant	CW-RA-200 Baghouse
002	Aggregate Storage Areas	Water Spray

Located at Interstate 95 between J. Turner Butler Boulevard and Baymeadows Road.

Supporting documents shall be as follows:

Department of Environmental Protection application for Air Permit - Long Form received August 27, 1996.



Permittee:  
Ballenger Paving Company, Inc.

Permit Number 77-5018-001-AC  
Expiration Date: April 30, 1997

**GENERAL CONDITIONS:**

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
2. This permit is valid only for the specific process and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law, and at reasonable times, access to the premises where the permitted activity is located or conducted to:
  - a. Have access to and copy any records that must be kept under conditions of the permit;
  - b. Inspect the facility, equipment practices, or operations regulated or required under this permit; and
  - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with, or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
  - a. A description of and cause of non-compliance; and
  - b. The period of non-compliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the department for penalties or revocation of this permit.



**Permittee:**  
Ballenger Paving Company, Inc.

**Permit Number:** 777-5018-001-AC  
**Expiration Date:** April 30, 1997

9. In accepting this permit, the permittee understands and agrees that all reports, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Section 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit, or a copy thereof, shall be kept at the work site of the permitted activity.
13. This permit constitutes:
  - ( ) Determination of Best Available Control Technology (BACT)
  - ( ) Determination of Prevention of Significant Deterioration (PSD)
  - ( ) Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
  - ( ) Compliance with New Source Performance Standards
14. The permittee shall comply with the following:
  - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b. The permittee shall hold at the facility, or other location designated by this permit, records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - c. Records of monitoring information shall include:
    1. the date, exact place, and time of sampling measurements;
    2. the person responsible for performing the sampling or measurements;
    3. the date(s) analyses were performed;
    4. the person responsible for performing the analyses;
    5. the analytical techniques or methods used;
    6. the results of such analyses
15. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

Permittee:  
Ballenger Paving Company, Inc.

Permit Number: 777-5018-001-AC  
Expiration Date: April 30, 1997

**SPECIFIC CONDITIONS:**

1. Permittee shall notify the Department fifteen (15) days prior to Emission Unit (EU) testing in accordance with Rule 62-297.310(7)(a)(9), Florida Administrative Code (FAC), and Rule 2.1001, Jacksonville Environmental Protection Board (JEPB).
2. Copies of the test report(s) shall be submitted to the Department within forty-five (45) days of completion of testing in accordance with Rule 62-297.310(8)(b), FAC, and Rule 2.1001, JEPB.
3. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EUs may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit. [Rule 62-297.310(2), FAC, and Rule 1001, JEPB]
4. Any revision(s) to a permit (and application) shall be submitted to and approved by the Department prior to implementing.
5. Control equipment shall be provided with a method of access that is safe and readily accessible.
6. Stack sampling ports and platforms shall not be required.
7. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction on schedule, the Department must be notified in writing sixty (60) days prior to the expiration of the construction permit. A new schedule and request for an extension of the construction permit must be submitted.
8. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for an operating permit, including the application fee, along with compliance records and test results, to the Department ninety (90) days prior to the expiration date of the construction permit. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid permit to operate.
9. If the construction permit expires prior to the permittee requesting an extension or obtaining a permit to operate, then all activities at the project must cease and the permittee must apply for a new permit to construct, which can take up to ninety (90) days to process a complete application.
10. The applicable emission limiting rules shall be as follows:

<u>EU No.</u>	<u>Pollutant</u>	<u>FAC</u>	<u>JEPB</u>	<u>Other</u>
001	Visible Emissions (VE)	62-296.414(1)	Rule 2.901	
002	Unconfined Emissions of Particulate Matter (UE)	62-296.320(4)(c)	Rule 2.901	

Permittee:  
Ballenger Paving Company, Inc.

Permit Number 777-5018-001-AC  
Expiration Date: April 30, 1997

11. The maximum allowable emissions shall be as follows:

<u>EU No.</u>	<u>Pollutant</u>	<u>lbs/hr</u>	<u>T/yr</u>	<u>Other</u>	<u>Opacity</u>
001	VE				5%
002	UE			Reasonable Precautions	

12. Reasonable precautions shall include, but shall not be limited to the following:

Aggregate storage areas - Maintain sufficient moisture content of material through use of water sprays or similar devices to minimize unconfined emissions.

Yard and road area - Remove particulate matter and wet these areas in such a manner as to prevent re-entrainment of particulate matter into the atmosphere.

13. Operation shall be limited to 8760 hours per year.

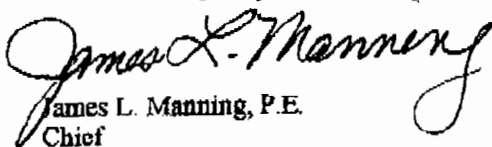
14. The maximum process weight shall be limited as follows:

Sand and Aggregate Transfer to Elevated Bin	211.95 yd <sup>3</sup> /hr
Cement and Flyash to Ground Storage Tankers	33.75 yd <sup>3</sup> /hr
Cement and Flyash to Silos	33.75 yd <sup>3</sup> /hr
Weigh hopper loading	270 yd <sup>3</sup> /hr
Mixer loading	270 yd <sup>3</sup> /hr

15. Testing for demonstration of compliance with the visible emission limiting standard shall be performed in accordance with DEP Method 9, as described in FAC, Chapter 62-297, (effective date November 23, 1994) and JEPB Rule 2.1001, (effective date January 11, 1995).

Executed in Jacksonville, Florida

City of Jacksonville  
Regulatory and Environmental Services Department  
Air & Water Quality Division

  
James L. Manning, P.E.  
Chief

JLM/DH/be

S:\Permit\N\7775018AC

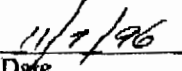
Permittee:  
Ballenger Paving Company, Inc.

Permit Number: 777-5018-01-AC  
Expiration Date: April 30, 1997

**FILING AND ACKNOWLEDGMENT**

FILED, on this date, pursuant to S 120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

  
Date



APAC - GEORGIA, INC.  
 BALLENGER PAVING DIVISION  
 POST OFFICE BOX 127 • GREENVILLE, S.C. 29602-0127 • (864) 292-9550



RECEIVED

FEB 14 2000

BUREAU OF AIR REGULATION

Wayne Walker  
 Regulatory and Environmental Services Department  
 Air & Water Quality Division  
 117 W. Duval St Suite 225  
 Jacksonville, FL 32202

2/11/00

Re: Statewide Permit #7775018-002-AC

Dear Wayne:

I would like to thank you for your assistance the past several weeks in regards to the set up of our portable concrete batch plant at the new extension of 9A at Bay Meadows Boulevard. Portions of the plant will be arriving onsite next week and we are projecting a testing date of 3/6/00. We have contacted Lee Daniel with Controlled Environments for Industry, Inc. to perform the testing. This will be the same plant and the same inspector you saw as your last visit to our project on I-95 two years ago.

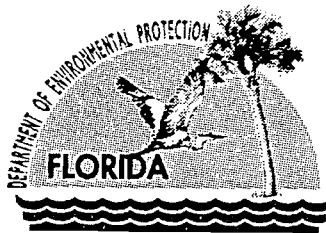
As I have mentioned to you on the phone today, I have not heard from your permitting department since 2/4/00. From your discussion with Jim Woosely, I gather he saw no permitting problems, so I am proceeding with my permit requirements as discussed with Jonathan Holtom with FDEP. This action is necessary if I am to report the stack test projection date to you in a timely manner.

If you need additional information, please do not hesitate to contact me.

Sincerely,

Corky Lane

Cc: Jonathan Holtom, FDEP  
 William Leffler, FDEP  
 Jerry Woosley, RESP



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## NOTICE OF PERMIT EXTENSION

Mr. Milton Lane, Director  
Environmental, Health, and Safety  
APAC - Georgia Paving Company, Inc.  
Post Office Box 127  
Greenville, South Carolina 29602-0127

**RE: Expiration Date Extension for Construction Permit Nos.  
7775018-002-AC, 7775027-001-AC, 7775028-001-AC, 7775033-002-AC & 7775045-001-AC**

Dear Mr. Lane:

The Department received your letter dated May 17, 1999 requesting an extension of time for the above referenced air permits since the units are still in storage. As requested, the Department hereby amends these permits, by revising the expiration date from **May 31, 1999, to December 31, 2000**. In addition, condition A.6. of the referenced permits is changed:

**From:**

A.6. Expiration: This air construction permit shall expire on May 31, 1999. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C]

**To:**

A.6. Expiration: This air construction permit shall expire on December 31, 2000. [Rule 62-210.300(1), F.A.C.] The permittee may, for good cause, request that this construction permit be extended. Such a request shall be submitted to the Bureau of Air Regulation prior to 60 days before the expiration of the permit. However, the permittee shall promptly notify the permitting authority office of any delays in completion of the project which would affect the startup day by more than 90 days. [Rule 62-4.090, F.A.C]

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000 (Telephone: 850/488-9730; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen

Mr. Milton Lane  
June 23, 1999

days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the permitting authority's action is based must contain the following information:

(a) The name and address of each agency affected and each agency's file or identification number, if known;

(b) The name, address, and telephone number of the petitioner; the name, address and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;

(c) A statement of how and when each petitioner received notice of the agency action or proposed action;

(d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and,

(f) A demand for relief.

A petition that does not dispute the material facts upon which the permitting authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation will not be available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

(a) The name, address, and telephone number of the petitioner;

(b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;

(c) Each rule or portion of a rule from which a variance or waiver is requested;

(d) The citation to the statute underlying (implemented by) the rule identified in (c) above;

(e) The type of action requested;

(f) The specific facts that would justify a variance or waiver for the petitioner;

Mr. Milton Lane  
June 23, 1999

(g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,

(h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

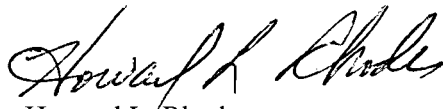
The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Any party to this order has the right to seek judicial review of the permit pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the permitting authority in the Legal Office; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 (thirty) days from the date this Notice is filed with the Clerk of the permitting authority.

This application is being processed and is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at the Florida Department of Environmental Protection, 111 South Magnolia, Tallahassee, Florida 32301.

This amendment must be attached to and becomes a part of the subject permits.

Executed in Tallahassee, Florida.



Howard L. Rhodes  
Director  
Division of Air Resources Management

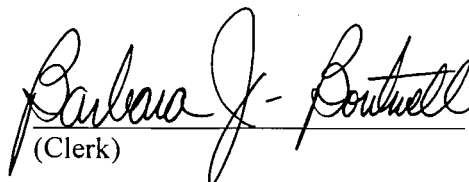
Certificate of Service

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT EXTENSION was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 6/24/99 to the persons listed:

Mr. Milton Lane, APAC - Georgia Paving Company\*  
District Air Program Administrators  
County Air Program Administrators

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Sec. 120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 6/24/99  
(Clerk) (Date)



Florida Department of  
Environmental Protection

Memorandum

TO: Howard L. Rhodes

THRU: Clair Fancy *gms*  
*for*

FROM: Jonathan Holtom *J.H.*

DATE: June 23, 1999

SUBJECT: APAC -Georgia, Inc., Ballenger Paving Division  
Construction Permit Expiration Date Extension for 5 Relocatable Concrete Batch Plants  
AC Permit Nos.: 7775018-002-AC, 7775027-001-AC, 7775028-001-AC, 7775033-002-  
AC, 7775045-001-AC

Attached is a "Notice of Permit Extension" for the construction permits for five portable concrete batch plants. The AC permits for these units were issued on November 12, 1997. They were permitted for state-wide operation and the company published notices covering all counties of the state ( at a cost of >\$20,000). None of these units have yet had the opportunity to operate and perform compliance testing in order to request operation permits. The original expiration date of December 31, 1998 was previously extended to May 31, 1999. The availability of the Concrete Batch Plant General Permit has been explained to them and appears to meet their needs better than continuing these AC permits. However, since they already suffered the expense of the public notice requirements associated with this permitting action, and because the public notices are valid for 5 years from the date of publication, they are requesting another expiration date extension.

The application for this minor source is being processed by BAR because it is a relocatable unit permitted to operate in different Districts.

I recommend your approval and signature of this Notice of Permit Extension.

Enclosure

CF/jh

BAR

Is your RETURN ADDRESS completed on the reverse side?

**SENDER:**

- Complete items 1 and/or 2 for additional services.
- Complete items 3, 4a, and 4b.
- Print your name and address on the reverse of this form so that we can return this card to you.
- Attach this form to the front of the mailpiece, or on the back if space does not permit.
- Write "Return Receipt Requested" on the mailpiece below the article number.
- The Return Receipt will show to whom the article was delivered and the date delivered.

I also wish to receive the following services (for an extra fee):

- 1.  Addressee's Address
- 2.  Restricted Delivery

Consult postmaster for fee.

**3. Article Addressed to:**  
 Mr. Milton Lane, Director  
 Environmental, Health, and  
 Safety  
 APAC - Georgia Paving Company, Inc.  
 Post Office Box 127  
 Greenville, South Carolina 29602

**4a. Article Number**  
 P 263 585 232

**4b. Service Type**

<input checked="" type="checkbox"/> Registered	<input type="checkbox"/> Certified
<input type="checkbox"/> Express Mail	<input type="checkbox"/> Insured
<input checked="" type="checkbox"/> Return Receipt for Merchandise	<input type="checkbox"/> COD

**4c. Date of Delivery**  
 JUN 24 1999

**5. Received By: (Print Name)**  
 William Ayers

**8. Addressee's Address (Only if requested and fee is paid)**

**6. Signature: (Addressee or Agent)**  
 X *[Signature]*

Thank you for using Return Receipt Service.

P 263 585 232

US Postal Service  
**Receipt for Certified Mail**

No Insurance Coverage Provided.  
 Do not use for International Mail (See reverse)

Sent to Mr. Milton Lane, Director	
Street & Number Post Office Box 127	
Post Office, State, & ZIP Code Greenville, South Carolina	
Postage	\$ 29602-0127
Certified Fee	
Special Delivery Fee	
Restricted Delivery Fee	
Return Receipt Showing to Whom & Date Delivered	
Return Receipt Showing to Whom, Date, & Addressee's Address	
<b>TOTAL Postage &amp; Fees</b>	<b>\$</b>
Postmark or Date	6/24/99

PS Form 3800, April 1995



APAC - GEORGIA, INC.  
 BALLENGER PAVING DIVISION  
 POST OFFICE BOX 127 • GREENVILLE, S. C. 29602-0127 • (864) 292-9550



RECEIVED

September 17, 1998

SEP 22 1998

Willard Hanks  
 Division of Air Resources Management  
 Florida Department of Environmental Protection  
 2600 Blair Stone Road  
 Tallahassee, FL 32399-2400

BUREAU OF  
 AIR REGULATION

RE: APAC-Georgia, Inc. State Wide Air Permit

Dear Mr. Hanks:

As I have previously discussed with you earlier during the year, we currently have five portable concrete plants under a state wide construction permit for Florida. Currently, all of our portable concrete plants are in storage at this time. We are certain to mobilize a plant in Jacksonville this Spring and certainly hope to have the opportunity to erect a plant sooner.

+ Orlando Airport (possibly)

For now we would like to request an extension of our construction permit for the following batch plants:

DEP File Nos. 7775018-002-AC  
 7775027-001-AC  
 7775028-001-AC  
 7775033-002-AC  
 7775045-001-AC

We have until October 31, 1998 to send you this notification, but we felt it important to send this notice early in the event that you may require additional information at this time. Please do not hesitate to contact me if I can be of any additional assistance.

Sincerely,

Corky Lane

cc: Richard Robinson RESD, Jacksonville  
 Gary Robbins DEM, Pinellas County -727.464.4422  
 Florida DEP SW District Office  
 Roy Brown APAC-Georgia, Inc.

Department of  
Environmental Protection

DIVISION OF AIR RESOURCES MANAGEMENT

NOTIFICATION OF INTENT TO RELOCATE  
AIR POLLUTANT EMITTING FACILITY

See Instructions for Form No. 62-210.900(3)  
Submit to DEP district office for the area in which the facility is to be relocated.

**RECEIVED**  
MAY 18 1998  
BUREAU OF  
AIR REGULATION

Current Facility Information

1. Facility ID: 7775018	2. Permit Number: 7775018-002-AC
3. Facility Owner or Operator: APAC-Georgia Bving Co, Inc.	
4. Facility Name: APAC-Georgia, Inc.	
5. Facility Street Address or Location Description: I-95 Median, Jacksonville, FL	
6. City: Jacksonville	7. County: Duval
8. Shutdown Date at This Location: 4/24/98	

Proposed New Facility Location

1. Facility Street Address or Location Description: Disassembled and stored until October-November 1998		
2. City:	3. County:	4. Zip Code:
5. Facility Coordinates: UTM Zone	UTM East or Latitude	UTM North or Longitude
6. Startup Date at New Location:		
7. Facility Comment:		

**Owner/Authorized Representative or Responsible Official**

Name and Title of Owner/Authorized Representative or Responsible Official: <i>Milton Lane, EHS Director</i>		
Organization/Firm: <i>APAC - Georgia Boring Co, Inc.</i>		
Street Address or P.O. Box: <i>PO Box 127</i>		
City: <i>Greenville</i>	State: <i>SC</i>	Zip: <i>29602</i>
Telephone: <i>(864) 292-9550</i>	Fax: <i>(864) 244-9310</i>	

**Facility Contact**

Name and Title of Facility Contact: <i>Same as above</i>		
Organization/Firm:		
Street Address or P.O. Box:		
City:	State:	Zip:
Telephone:	Fax:	

**Certification**

Statement by Owner/Authorized Representative or Responsible Official:

*I hereby certify that the information given in this report is correct to the best of my knowledge.*

  
Signature

*5-15-98*  
Date

**Supplemental Requirements**

1. Provide a scale map (e.g., the relevant portion of a USGS topographic map) showing the proposed new location of the facility and points of air pollutant emissions in relation to residences, roads, and other features of the surrounding area.
2. If relocating to a different DEP district, provide a copy of the most recent compliance test report.

POINT AIRS ID 7775018 STATUS C OFFICE NEDV NE: DUVAL  
 SITE NAME RELOCATABLE UNIT # 1 COUNTY DUVAL  
 OWNER/COMP APAC-GEORGIA PAVING COMPANY, INC.

Description & Status

Emis Unit ID 001 Status C Construction Oz SIP Base Yr UnitN Acid Rain Unit N

Permit Category	Permit Number	Office	Issued Dt	Expiration
Air Construct	AC 7775018-001-AC	NEDV	07-NOV-1996	30-APR-1997
Air Construct	AC 7775018-002-AC	TAL	18-MAR-1998	31-DEC-2000

At Last Record  
Count: \*2

<Replace>

*- Rick Banks -  
 448<  
 880 4310 x 234*

AIRS ID: 7775018 Site Name: RELOCATABLE UNIT # 1  
 Permit #: 7775018-002-AC Type/Subtype: AC/M1 Received: 17-JAN-1997  
 Project #: 002 Project Name: (APAC-GA PAVING CO.)

> Receive Request: Done

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
<b>Receive Request</b>	17-JAN-1997	1	18-JAN-1997		<b>Done</b>	<b>17-JAN-1997</b>
Fee Verification	17-JAN-1997	2	19-JAN-1997		Sufficient	19-JAN-1997
Completeness Review	17-JAN-1997	30	16-FEB-1997		Complete	29-JAN-1997
Determine Agency	17-JAN-1997	90	17-APR-1997		Issue	20-MAR-1997
STOP CLOCK	20-MAR-1997	1	21-MAR-1997		Done	20-MAR-1997
Mail Public Noti	20-MAR-1997	10	30-MAR-1997		Done	20-MAR-1997
Date of Publica	20-MAR-1997	999	14-DEC-1999		Published	16-FEB-1998
Issue Final Pe	16-FEB-1998	14	02-MAR-1998		Issued	18-MAR-1998
ISSUE PERMIT	18-MAR-1998	1	19-MAR-1998		Done	18-MAR-1998
ARMS Data Ent	18-MAR-1998	40	27-APR-1998		Done	23-APR-1998
STOP CLOCK	20-MAR-1997	1	21-MAR-1997		Done	20-MAR-1997

Count: \*11

<List><Replace>

AIRS ID: 7775018 Site Name: RELOCATABLE UNIT # 1  
 Permit #: 7775018-001-AC Type/Subtype: AC/1E Received: 27-AUG-1996  
 Project #: 001 Project Name: (CONCRETE BATCH PLANT)

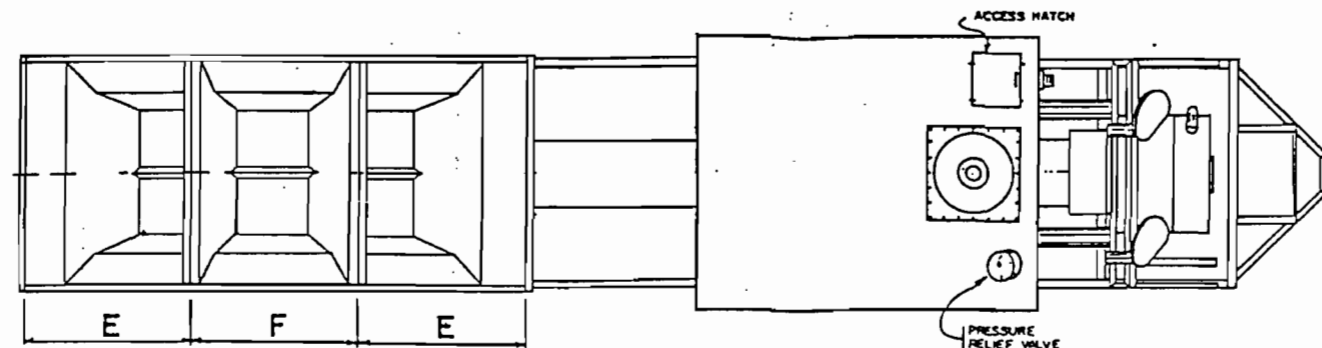
> Receive Request: Done

Event	Begin Date	Prd	Due Date	Rmn	Status	End Date
<b>Receive Request</b>	27-AUG-1996	1	28-AUG-1996		<b>Done</b>	<b>27-AUG-1996</b>
Fee Verification	27-AUG-1996	2	29-AUG-1996		Sufficient	29-AUG-1996
Completeness Review	27-AUG-1996	30	26-SEP-1996		Complete	27-AUG-1996
Determine Agency	27-AUG-1996	90	25-NOV-1996		Issue	16-OCT-1996
STOP CLOCK	16-OCT-1996	1	17-OCT-1996		Done	16-OCT-1996
Mail Public Notice o	16-OCT-1996	10	26-OCT-1996		Done	16-OCT-1996
Date of Publication	16-OCT-1996	999	12-JUL-1999		Published	18-OCT-1996
Issue Final Permit	18-OCT-1996	14	01-NOV-1996		Issued	07-NOV-1996
ISSUE PERMIT	07-NOV-1996	1	08-NOV-1996		Done	07-NOV-1996
STOP CLOCK	16-OCT-1996	1	17-OCT-1996		Done	16-OCT-1996

Count: \*10

<List><Replace>





AGG BATCHER SIZE (YDS)	AGG BATCHER SIZE (TONS)	AGGREGATE BIN DIMENSIONS					
		A	B	C	D	E	F
8	35	—	8-2 1/2	15-8 1/2	19-0	6:0	7:0
	45	1-0	8-2 1/2	16-8 1/2	19-0	6:0	7:0
	65	2-6	8-2 1/2	18-4 1/2	24-0	8:0	8:0
	100	6-0	8-2 1/2	21-8 1/2	26-2 1/2	8:9	8:8 1/2
10	35	—	8-4 1/2	16-4 1/2	19-0	6:0	7:0
	45	1-0	8-4 1/2	17-4 1/2	19-0	6:0	7:0
	65	2-6	8-4 1/2	19-0	24-0	8:0	8:0
	100	6-0	8-10 1/2	22-4 1/2	26-2 1/2	8:9	8:8 1/2
12	35	—	9-6 1/2	17-0	19-0	6:0	7:0
	45	1-0	9-6 1/2	18-0	19-0	6:0	7:0
	65	2-6	9-6 1/2	19-8 1/2	24-0	8:0	8:0
	100	6-0	9-6 1/2	23-0	26-2 1/2	8:9	8:8 1/2

TOP VIEW

CEMENT SILO			
SIZE BARRELS (FT <sup>3</sup> )	CAPACITY	DIMENSIONS	
		G	H
250	108.4	15-8 1/2	17-0
300	127.4	17-0	18-6

