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APAC-FLORIDA, Inc
Pensacola ~~Couch Construction L. P.~~
~~Cantonment~~ Asphalt Plant
Facility ID No.: 7775073
Escambia County

Air Construction Permit
Permit No.: 7775073-001-AC

Permitting Authority:
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8597

[electronic file name: 7775073c.doc]

Air Construction Permit
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Department of
Environmental Protection

Jeb Bush
Governor

Northwest District
160 Governmental Center
Pensacola, Florida 32501-5794

David B. Struhs
Secretary

Permittee:
Couch Construction L. P.

Permit No.: 7775073-001-AC
Facility ID No.: 7775073
SIC Nos.: 29, 2951
Project: Cantonment Asphalt Plant

This permit is for the construction of the Cantonment Asphalt Plant located at 2780 North Highway 95-A, Escambia County; UTM Coordinates: Zone 16, 469.45 km East and 3390.86 km North; Latitude: 30° 39' 06" North and Longitude: 87° 19' 08" West.

STATEMENT OF BASIS: This air construction permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210. 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 permitting authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:
Appendix G-1, General Conditions
Appendix SS-1, Stack Sampling Facilities

Effective Date: February 1, 1999
Expiration Date: February 1, 2004

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Ed K. Middleswart

Ed K. Middleswart, P.E.
Air Program Administrator

EKM/rb

Section I. Facility Information.

Subsection A. Facility Description.

This facility is an Astech Industries double barrel hot mix asphalt concrete plant. The facility consists of a control house, aggregate feed system, double barrel dryer drum with a 100 MMBtu/hr fuel oil fired burner, asphalt cement storage tank with a fuel oil fired heater and a hot asphalt storage bin. Particulate emissions from the plant are controlled by a Astech pulse jet baghouse, model PBH-67DB. The fines from the baghouse are recycled into the asphalt mix. The plant has an operating capacity of 400 tons of asphalt mix per hour. Mixed asphalt concrete from the mixer unit is stored in a hot storage bin for truck loading. Fugitive emissions result from uncontrolled process emissions, aggregate stockpiles, and vehicular traffic.

The facility is regulated under NSPS - 40 CFR 60, Subpart I (Standards of Performance for Hot Mix Asphalt Facilities) and Rule 62-210.300(3)(c)1., F.A.C. (Conditional Exemptions from Title V Permitting). The facility is synthetic minor source with annual throughput limited to 500,000 tons of asphalt concrete per year. The fuel oil consumption is limited to 1.2 million gallons in any consecutive twelve-month period and the sulfur content of the fuel oil shall not exceed 1.0 percent, by weight.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities such as general operation and maintenance.

Based on the permit application received October 16, 1998, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID Nos. and Brief Descriptions.

E.U. ID No.	Brief Description
001	Astech Pulse Jet Baghouse associated with operation of asphalt concrete plant.

Unregulated Emissions Units and/or Activities

002	Asphalt Cement Heater

Please reference the Permit No., Facility ID No., and appropriate Emissions Units ID Nos. on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The document listed below is not a part of this permit; however, it is specifically related to this permitting action.

This document is on file with permitting authority:
Construction Permit Application received October 16, 1998.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.

2. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), F.A.C.]

3. 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 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

4. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C.]

5. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include: Paving and maintenance of roads, parking areas and yards; application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities; landscaping or planting of vegetation; and enclosure or covering of conveyor systems.
[Rule 62-296.320(4)(c)2., F.A.C.]

6. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, F.A.C.]

7. The applicant shall retain a Professional Engineer, registered in the State of Florida, for the inspection of this project. Upon completion the engineer shall inspect for conformity to the permit application and associated documents. An application for an operation permit shall be submitted with the compliance test results and appropriate fee when applicable. These are to be submitted within 75 days after initial operation.
[Rules 62-210.300 and 62-4.050(3), F.A.C.]

8. The permittee shall submit all compliance related notifications and reports required by this permit to the Department's Northwest District office.

Florida Department of Environmental Protection
Northwest District Air Program
160 Governmental Center
Pensacola FL 32501-5794

9. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (800) 320-0519. For routine business, telephone (850) 595-8364 during normal working hours.
[Rules 62-210.700 and 62-4.130, F.A.C.]

10. The Department shall be notified upon commencement of construction. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction. Projects beyond one year require annual status reports.
[Rule 62-4.030, F.A.C.]

Section III. Emissions Units and Conditions.

Subsection A. This section addresses the following emissions unit.

E.U. ID No.	Brief Description
001	Astech Pulse Jet Baghouse

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Operating Rate. The maximum allowable operating rate is 400 tons of asphalt concrete mix produced per hour.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Production. The production rate of asphalt concrete shall not exceed 500,000 tons in any consecutive twelve-month period.
[Rules 62-4.160(2), 62-210.200(PTE), 62-210.300(3)(c)1.a., F.A.C. and construction permit application]

A.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.4. Methods of Operation . The pulse jet cleaning cycle for the baghouse shall be properly adjusted to maintain a 3 to 6 iWC change of pressure across the bags at all times. The pressure differential shall be checked twice per day and the pressure readings recorded in a log book and made available for inspection by the Department.
[Rules 62-4.160(2) and construction permit application]

A.5. Fuel oil consumption shall not exceed 1.2 million gallons in any consecutive twelve-month period. Fuel oil shall not exceed 1.0 percent sulfur content, by weight. The owner shall maintain records to demonstrate that each shipment of fuel oil has 1.0 percent or less sulfur and that the sulfur content was determined by ASTM methods ASTM D4057-88 and ASTM D129-91, ASTM D2622-94 or ASTM D4294- 90, adopted and incorporated by reference in Rule 62-297.440(1).
[Rules 62-210.300(3)(c)1.b. and 62-210.300(3)(c)1.c., F.A.C.]

Emission Limitations and Standards

A.6. Particulate Matter. Particulate emissions shall not exceed 0.04 grains per standard cubic foot averaged over a three hour period.
[Rule 62-210.300(3)(c)1.d. and 62-204.800(7)(b)12., F.A.C.]

A.7. Visible Emissions. Visible emissions shall be less than 20% opacity.
[Rule 62-210.300(3)(c)1.f. and 62-204.800(7)(b)12., F.A.C.]

Test Methods and Procedures

A.8. Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the permitted maximum operating rate. Such tests shall be scheduled within thirty (30) days after initial operation. The Department shall be notified at least fifteen (15) days prior to testing to allow witnessing. Results shall be submitted to the Department within forty-five (45) days after testing.
[Rules 62-4.070, 62-297.310(7), and 62-297.401(9), F.A.C.]

A.9. Particulate Matter. The test method for particulate matter shall be EPA Method 5 or 5A, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rules 62-210(3)(c)1.i, and 62-297.401, F.A.C.]

A.10. Visible Emissions. The test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C.
[Rules 62-210(3)(c)1.i, and 62-297.401, F.A.C.]

A.11. The test reports shall comply with applicable portions of Rule 62-297.310, F.A.C., Test Reports. The Department can require special compliance tests in accordance with Rule 62-297.310(7) F.A.C.
[Rule 62-297.310(7), F.A.C.]

A.12. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated capacity. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.
[Rules 62-297.310(2) and 62-4.070, F.A.C.]

A.13. 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 a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
[Rules 62-297.310(7)(b) and 62-297.620(4), F.A.C.]

Monitoring, Record keeping and Reporting Requirements

A.14. The owner or operator shall maintain records to document the monthly and the twelve-month rolling totals of tons of asphalt concrete produced, the gallons of fuel oil consumed, and the hours of operation. Such records shall be retained for five (5) years.
[Rules 62-4.070. and 62-210.300(3)(c)1.g., F.A.C.]

A.15. An annual operating report for air pollutant emitting facility, DEP Form 62-210.990(5), shall be submitted by March 1 of each year. A copy of the form and instructions may be obtained from the Department's Northwest District office.
[Rule 62-210.370, F.A.C.]

A.16. Administrative. Prior to any relocation of this plant, the owner or operator must submit for Department approval a Notification of Intent to Relocate Air Pollutant Emitting Facility [DEP Form 62-210.900(3)] and a $250 minor modification application fee to the appropriate District office at least thirty days prior to the relocation. The supplemental requirements of the form include:

1. A 8½" by 11" plot plan showing the location of the main equipment and all emission points.
2. A vicinity map of the site location including familiar landmarks and the location of neighboring residences and other occupied dwellings.
3. Proof of compliance with emission standards demonstrated within one year of the date of request for relocation if this plant is being relocated to a different DEP District.
4. A plan to control emissions of unconfined particulate matter or fugitive dust in accordance with FAC Rule 62-296.310(3).

The Department shall require the Permittee to publish public notice of Proposed Agency Action which shall be provided by the Department prior to issuance of authorization for the relocation. [FAC Rule 62-210.900]

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 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 processes 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. Nor 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 does not constitute 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 the permit.

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.

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, are 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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:

a. Having access to and copying any records that must be kept under the conditions of this permit;

b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit; and,

c. Sampling or monitoring 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 noncompliance; and

b. The period of noncompliance, including exact dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. 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.

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 proscribed by Sections 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with 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 Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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 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:
- the date, exact place, and time of sampling or measurement;
- the person responsible for performing the sampling or measurement;
- the date(s) analyses were performed;
- the person responsible for performing the analyses;
- the analytical techniques or methods used; and
- the results of such analyses.

14. 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 the 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.