

American Sand and X-Cavation
Lynn Haven Batch Asphalt Plant
Facility ID No.: 7774810
Bay County
Air Operation Permit
Permit No.: 7774810-003-AO

Permitting and Compliance Authority
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8096

Air Operation Permit
Permit No.: 7774810-003-AO

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Permittee:
American Sand and X-Cavation

Permit No.: 7774810-003-AO
Facility ID No.: 7774810
SIC Nos.: 2951
Project: Air Operation Permit

This permit is for the operation of Lynn Haven Batch Asphalt Concrete Plant nine miles north of Lynn Haven on South Highway 77, Bay County; UTM Coordinates: Zone 16, 622.1 km East and 3362.2 km North; Latitude: 30° 23' 13" North and Longitude: 85° 42' 59" West.

STATEMENT OF BASIS: This air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4, and 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

Effective Date: March 13, 2000
Expiration Date: March 13, 2005

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

/s/

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

EKM/rvk

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of a batch asphalt concrete plant with an operating capacity of 160 tons per hour. Particulate (PM) emissions are controlled by a primary collector (Simplex 9' cyclone) and an Eastern Control Systems, Inc., reverse pulse baghouse model 450 in series. The plant also has a No. 2 fuel oil fired asphalt heater exempt from permitting in accordance with Rule 62-210.300(3)(b)1, F.A.C.

Aggregate is transferred from five feeder bins by conveyor belt and dried in a No. 2 fuel oil fired rotary drum dryer with a heat input of 46.4 MMBtu/hr. The fuel oil has a maximum sulfur content of 0.5% by weight. Dried aggregate is mixed with asphalt in a batching tower consisting of a bucket elevator, vibrating screens, hot bins, weigh hopper, and mixer. Liquid asphalt cement is added in the mixer, and the mixed hot asphalt concrete is then loaded into trucks.

This facility is subject to the federally enforceable limits included in Rule 62-213.300(3)(c)1., F.A.C., Conditional Exemptions from Title V Air Permitting, which limit potential emissions to less than Title V thresholds. The facility is also subject to 40 CFR 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities (adopted by Rule 62-210.800, F.A.C.), and limits included in prior permits including construction permit AC57-255069 issued August 30, 1994, with limits for fuel oil (No. 2 fuel oil, 0.5% S) and hours of operation. The more stringent limits have been included in this permit.

Based on the permit application received February 4, 2000, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).

E.U.

ID No. Brief Description

001 Batch Asphalt Concrete Plant with ECS, Inc., Baghouse

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are on file with permitting authority:

Permit Application received February 4, 2000

Additional Information Request dated February 10, 2000

Additional Information Response received February 29 and March 6, 2000

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. An annual operating report for air pollutant emitting facility, DEP Form 62-210.900(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.]
7. 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.]

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

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

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/595-8364; Fax: 850/595-8096

[Rule 62-297.310(8), F.A.C.]

10. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8364, extension 1220, 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, then press 7, during normal working hours.
[Rules 62-210.700 and 62-4.130, F.A.C.]

Section III. Emissions Unit(s) and Conditions.

E.U.

ID No. Brief Description

001 Batch Asphalt Concrete Plant with ECS, Inc., Reverse Pulse Baghouse (model 450)

This emission unit consists of a batch asphalt concrete plant with an operating capacity of 160 tons per hour. PM emissions are controlled by a primary collector (Simplex 9' cyclone) and an Eastern Control Systems, Inc., reverse pulse baghouse model 450 in series. The plant also has a No. 2 fuel oil fired asphalt heater exempt from permitting in accordance with Rule 62-210.300(3)(b)1, F.A.C.

Aggregate is transferred from five feeder bins by conveyor belt and dried in a No. 2 fuel oil fired rotary drum dryer with a heat input of 46.4 MMBtu/hr. The fuel oil has a maximum sulfur content of 0.5% by weight. Dried aggregate is mixed with asphalt in a batching tower consisting of a bucket elevator, vibrating screens, hot bins, weigh hopper, and mixer. Liquid asphalt cement is added in the mixer, and the mixed hot asphalt concrete is then loaded into trucks.

This facility is subject to the federally enforceable limits included in Rule 62-213.300(3)(c)1., F.A.C., Conditional Exemptions from Title V Air Permitting which limit potential emissions to less than Title V thresholds. The facility is also subject to 40 CFR 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities (adopted by Rule 62-210.800, F.A.C.), and limits included in prior permits including construction permit AC57-255069 issued August 30, 1994, with limits for fuel oil (No. 2 fuel oil, 0.5% S) and hours of operation. The more stringent limits have been included in this permit.

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 160 tons of asphalt concrete mix produced per hour. The maximum heat input is 45.6 MMBtu/hr.
[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), and 62-210.300(3)(c)1.a., F.A.C.]

A.3. Hours of Operation. The maximum hours of operation are 10 hours/day, 6 days/week, and 50 weeks/year (3000 hours/year). The Permittee shall maintain an operation log available for Department inspection certifying the total hours of operation annually.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; operation permit application received February 4, 2000]

A.4. Fuel. The rotary drum dryer shall be fired by No. 2 fuel oil with a sulfur content of 0.5% sulfur. Fuel oil consumption shall not exceed 1.2 million gallons in any consecutive twelve-month period. The facility shall maintain records to demonstrate that each shipment of fuel oil has 0.5% 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), F.A.C.

[Rules 62-210.300(3)(c)1.b., and 62-210.300(3)(c)1.c., F.A.C.; operation permit application received February 4, 2000]

Emission Limitations and Standards

A.5. Particulate Matter. Particulate emissions shall not exceed 0.04 grains per dry standard cubic foot averaged over a three-hour period.

[Rules 62-204.800, 62-210.300(3)(c)1., F.A.C., 40 CFR 60.92 (Subpart I)]

A.6. Visible Emissions. Visible emissions shall be less than 20% opacity.

[Rules 62-204.800, 62-210.300(3)(c)1., F.A.C., 40 CFR 60.92 (Subpart I)]

Test Methods and Procedures

A.7. Emissions tests for particulate matter and visible emissions 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 conducted at twelve-month intervals between August 1 and September 30. The Department shall be notified at least 15 days prior to testing to allow witnessing. Results shall be submitted to the Department within 45 days after testing.

[Rules 62-4.070, and 62-297.310(7), F.A.C.]

A.8. 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.

[Rule 62-297.401(5), F.A.C.]

A.9. 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. The tests shall be for a duration of 30 minutes, and shall be conducted during one of the PM test runs.

[Rule 62-297.401(9), F.A.C.]

A.10. 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.11. 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.12. 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.]

A.13. Determination of Process Variables.

(a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.

(b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight 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.]

A.14. Required Stack Sampling Facilities. Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E.

[Rule 62-297.310(6), F.A.C.]

Monitoring, Record keeping and Reporting Requirements

A.15. The owner or operator shall maintain a baghouse pressure drop between 3” and 8” WG. This shall be a surrogate compliance parameter for particulate matter. The pressure drop shall be recorded during any testing and provided with the test report.

[Rule 62-4.070, F.A.C.]

A.16. 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 years.

[Rules 62-4.070. and 62-210.300(3)(c)1.g., F.A.C.]

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GENERAL CONDITIONS:

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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

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Appendix G-1

GENERAL CONDITIONS:

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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.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the matter of an

Application for Permit

DEP File No. 7774810-003-AO

By:

Bay County

William E. Shaw President

American Sand and X-Cavation

2911 South Highway 77

Lynn Haven, FL 32444

Enclosed is Permit Number 7774810-003-AO, issued pursuant to Section 403.087, Florida Statutes, for operating the Lynn Haven Batch Asphalt Concrete Plant..

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000. 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) of the Florida Statutes 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. Under section 120.60(3), however, any person who asked the Department 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department'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 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, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;

(f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and

(g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department'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

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. 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.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Pensacola, Florida.

State of Florida Department
of Environmental Protection
/s/

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

160 Governmental Center
Pensacola, Florida 32501-5794
(850) 595-8364

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified (Permittee) or regular mail before the close of business on March 13, 2000 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.

Clerk /s/

Date 3/13/2000

Copies furnished to:

K.C. Sviglin, P.E., Pensacola, P.O.C.
DEP Northwest District Branch Office, Panama City

MEMORANDUM

TO : Ed K. Middleswart, P.E.
FROM : Andy Allen, Bob Kriegel
DATE : 09/13/00
SUBJECT : **Evaluation Summary for American Sand and X-Cavation,
Lynn Haven Batch Asphalt Plant, application 7774810-003-AO,
Bay County**

We recommend issuing a renewal operating permit to American Sand and X-Cavation to operate their Lynn Haven Batch Asphalt Concrete Plant.

Process Description

This facility consists of a batch asphalt concrete plant with an operating capacity limited to 160 tons per hour. The plant also has a natural gas fired asphalt heater.

Aggregate is transferred from feeder bins by conveyor belt and dried in a no. 2 fuel oil fired rotary drum dryer with a maximum heat input of 45.6 MMBtu/hr. The fuel oil sulfur content is limited to 0.5% sulfur. Dried aggregate is mixed with asphalt in a batching tower consisting of a bucket elevator, vibrating screens, hot bins, weigh hopper, and mixer. Liquid asphalt cement is added in the mixer, and the mixed hot asphalt concrete is then loaded into trucks or hot storage silos.

The liquid asphalt cement is heated with a no. 2 fuel oil heater, exempt from permitting in accordance with the generic exemption contained in Rule 62-210.300(3)(b)1, F.A.C.

Based on the permit application received February 4, 2000, this facility is not a major source of hazardous air pollutants (HAPs).

Pollution Control Equipment

Particulate (PM) emissions are controlled by a primary collector (Simplex 9' cyclone) and an Eastern Control Systems, Inc., reverse pulse baghouse model 450 in series.

Environmental Impact

Airborne Contaminant Emitted	FAC Rule	Estimated Emissions T/yr	Allowable Emissions	
PM	62-204.800	20.4	0.04 gpdscf	
SOX	62-210.300	35.6	0.5% S by weight	
NOX	N/A	10.0		
CO	N/A	2.5		
Objectionable Odors	62-296.320(2)	N/A	N/A	None allowed off plant property.
VE	62-296.320	N/A	N/A	Not more than 20% opacity

Applicable Rules & Regulations

This source is regulated in accordance with FAC Rule 62-210.300(3)(c)1, Conditional Exemptions from Title V Permitting, which imposes limits on fuel oil usage and quantity, production, and PM and VE emissions. This source is also subject to 40 CFR Subpart I, Standards of Performance for Hot Mix Asphalt Plants.

Compliance Monitoring

Annually for PM and VE, annual AORs.

Compliance History

Minimal operation over past few years.

Fee Summary

\$1500 paid for a AO2A source (minor, stack test; asphalt plant baghouse). Asphalt heater is exempt from permitting with no required permit fee.

Miscellaneous

Additional notes are attached.

rvk:rvk