Florida Department of Environmental Protection
Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

Rick Scott
Governor

Jennifer Carroll
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

FINAL PERMIT

PERMITTEE

Ajax Paving Industries of Florida, LLC
510 Gene Green Road
Nokomis, FL 34275

Authorized Representative:
Mr. Vince L. Hafeli, Vice President, Plants & Materials

Air Permit No. 1010027-010-AO
Permit Expires: 02/19/2015
Site Name : Odessa Facility - Plant No. 5
Minor Air Operation Permit Revision
Project Name: Operation Permit Revision

The purpose of this operation permit revision is to incorporate Construction Permit No. 7775592-001-AC into the current Operation Permit No. 1010027-008-AO by adding the emission units authorized by the construction permit to the operation permit. The work is conducted at the Ajax Paving Industries of Florida, LLC, Odessa Facility (Standard Industrial Classification No. 2951). The facility is located in Pasco County at 11603 County Road 54 in Odessa, Florida. The UTM coordinates are Zone 17, 342.24 km East, and 3119.22 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements and Facility-Wide Specific Conditions

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Because of the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution 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 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

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, Mail Station #35, 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 final permit. 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 final permit, 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.

All petitions filed under these rules shall contain:

(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 when and how the petitioner received notice of the agency decision;
(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, including an explanation of how the alleged facts relate to the specific rules or statutes; 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 of the Florida Administrative Code.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 Hillsborough County, Florida

_____ _____

Cindy Zhang-Torres, P.E. Effective Date
Air Permitting Manager

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on _____ to the persons listed below.

Mr. Vince L. Hafeli, Vice President, Plants & Materials
Ajax Paving Industries of Florida, LLC
vhafeli@ajaxpaving.com

Mr. Lynn Robinson, P.E.
Southern Environmental Sciences, Inc.
lrobinson@sesfla.com

Clerk Stamp

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to Section 120.52(7), Florida Statutes, with the designated agency clerk, receipt of which is hereby acknowledged.

_____ _____

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

This facility operates a drum mix asphalt concrete plant. A portable reclaimed asphalt pavement crushing (RAP) system is brought on site occasionally to crush RAP into a smaller size. The existing facility consists of the following emissions units.

Facility ID No. 1010027

ID No.	Emission Unit Description
004	Drum Mix Asphalt Plant with Baghouse
009	Portable Reclaimed Asphalt Pavement (RAP) Crushing System

Project Description and Additional Emission Units

Construction Permit No. 7775592-001-AC authorized the permittee to construct (assemble, dismantle and reassemble) two relocatable portable lime silos each with an integral dust collector and two portable fiber feeder systems at this location plus five other existing hot mix asphalt plants in Florida (see Appendix H). Only one lime silo and one fiber feeder system can operate on site at a time. This project adds these emission units to the operation permit.

Facility ID No. 1010027

ID No.	Emission Unit Description
010	Portable Lime Silo with Baghouse, Serial No. 2029
011	Portable Fiber Feeder System, Serial No. 8000-070
012	Portable Lime Silo with Baghouse, Serial No. 2011
013	Portable Fiber Feeder System, Serial No. 8000-081

NOTE: *Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.*

Exempt Emission Units/Activities

A Gencor Hy-Way Helical Coil Thermal Fluid Heater, Model HYFGO-200, rated at 2.0 MMBTU/hour, utilized to heat fuel oil supplied to the asphalt plant burner and to heat a 20,000 gallon vertical liquid storage tank. The heater is fired with new No. 2 fuel oil having a maximum sulfur content not to exceed 0.5%, by weight.

Permitting Note: This heater was previously permitted as Emission Unit 005.

[Rule 62-210.300(3)(a)34., F.A.C.]

A Carlin Industries, Inc., direct fired self-contained liquid asphalt heating system, Model 0800, rated at 0.8 MMBTU/hour, utilized to heat the liquid asphalt stored in a contained tank. The heating system is fired with new No. 2 fuel oil having a maximum sulfur content of 0.5%, by weight.

Permitting Note: This heater was previously permitted as Emission Unit 006.

[Rule 62-210.300(a)34., F.A.C.]

A Gencor electric powered lump breaker is used to break up crushed RAP if necessary prior to the RAP entering the dryer drum.

Permitting Note: This lump breaker was previously permitted as Emission Unit 007 and was incorrectly identified as a grinder/crusher.
[Rule 62-210.300(3)(b)1., F.A.C.]

A Gencor electric powered vibratory screen is used to screen crushed RAP prior to it entering the dryer drum. Oversize material rejected from the screen travels through the lump breaker.
Permitting Note: This screen was previously permitted as Emission Unit 008.
[Rule 62-210.300(3)(b)1., F.A.C.]

A 450 HP (maximum) diesel engine and power generator with the maximum design heat input rate of 3.2 and 0.95 MMBtu/hr, respectively. They are fired with new No. 2 fuel oil with a maximum sulfur content of 0.5% by weight. If any engine is or becomes subject to 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR 60, Subpart JJJJ, Standards of Performance for Stationary Spark Ignition Internal Combustion Engines or 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, the affected engine(s) shall comply with all the limitations and requirements of that subpart.
[Rule 62-210.300(3)(a)35., F.A.C.]

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAP).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400 (PSD), F.A.C.
- This facility is a synthetic non-Title V source for particulate matter less than 10 microns (PM_{10}), sulfur dioxide (SO2), carbon monoxide (CO) and hazardous air pollutants (HAPs).
- The drum mix asphalt plant is regulated under New Source Performance Standards (NSPS) - 40 CFR 60, Subpart I, Standards of Performance for Hot Mix Asphalt Facilities and the general provisions of 40 CFR 60, Subpart A, General Standards, where applicable.
- The portable RAP crushing system is regulated under NSPS - 40 CFR, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants, and the general provisions of 40 CFR 60, Subpart A, General Standards, where applicable.

PERMIT HISTORY/AFFECTED PERMITS

Incorporates terms and conditions of Construction Permit No. 7775592-001-AC and replaces Operation Permit No. 1010027-008-AO as amended by Operation Permit No. 1010027-009-AO, dated 4/20/2010.

Administrative Requirements

1. Permitting Authority - The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Air Resource Management Section
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-632-7600

All documents related to applications for permits shall be submitted to the above address.

2. Compliance Authority - All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Southwest District Office's Air Resource Management Section (see above mailing address and phone number).

3. Appendices - The following Appendices are attached as part of this permit:

a. Appendix A. - Citation Formats and Glossary of Common Terms;

b. Appendix B. - General Conditions;

c. Appendix C. - Common Conditions; and

d. Appendix D. - Common Testing Requirements.

e. Appendix E. - 40 CFR 60, Subpart OOO - Standards of Performance for Nonmetallic Mineral Processing Plants

f. Appendix F. - 40 CFR 60, Subpart A - General Provisions

g. Appendix G. - RAP Crushing System Flow Diagram

h. Appendix H – Authorized Locations for Relocatable Lime Silo and Fiber Feeder System

4. Applicable Regulations, Forms and Application Procedures - Unless otherwise specified in this permit, the construction and operation of the subject emissions units 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 Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

5. New or Additional Conditions - For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.
[Rule 62-4.080, F.A.C.]

6. Modifications - Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report - On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority. The sulfur dioxide emissions from using fuel oil when producing asphalt product shall be determined using the US EPA's document AP-42, Table 1.3-1 and a reduction of 50% of the fuel bound sulfur, up to a maximum (as SO_2) of 0.1 lb of sulfur dioxide for each ton of asphalt product produced. *(Note: one pound of sulfur produces two pounds of SO_2.)*
[Rules 62-4.070(3), 62-210.300(3)(c)2. and 62-210.370(3), F.A.C.]

8. Operation Permit Renewal Application - A completed application for renewal of the operation permit shall be submitted to the Permitting Authority no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:

a. the appropriate permit application form *(see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: http://www.dep.state.fl.us/air/)*;

b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.;

c. a copy of the most recent compliance test reports required by Specific Condition Nos. A.12., B.14., B.15. and C.10., if not previously submitted; and

d. copies of the most recent two months of records/logs specified in Specific Condition Nos. A.13., B.16., B.17., B.18., C.11. and D.4.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]

Facility Wide Specific Conditions

9. Fuel Oil Sulfur Content Limitation - The sulfur content for all fuel oils shall not exceed 0.5% by weight.
[Rule 62-4.070(3) F.A.C.; Construction Permit 1010027-007-AC]

10. Fuel Sulfur Content Record - In order to document continuing compliance with the sulfur content limitation in Specific Condition No. 9., in % by weight of the fuel oil, the permittee shall keep records on either vendor provided as-shipped analysis or on analysis of as-received samples taken at the plant. The analysis shall be determined by appropriate ASTM methods.
[Rule 62-4.070(3), F.A.C.; Construction Permit 1010027-007-AC]

11. Reclaimed Fuel Oil Specifications – The permittee shall not burn off-specification reclaimed fuel oil. For each delivery of on-specification used oil, the vendor shall provide an analysis documenting the fuel oil meets the following requirements of 40 CFR 761.20(e)(2) and (3) and 40 CFR 279.11:

Constituent/Property	Allowable Level
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	Shall not exceed 1000 ppm
Flash Point	100 degrees F minimum
PCB's	Shall be less than 2 ppm

[Rules 62-4.070(3), and 62-710.210, F.A.C.; Construction Permit 1010027-007-AC]

12. Asbestos Containing Materials **–** This facility shall **not** process Asbestos Containing Materials (ACM), whether regulated asbestos containing material (RACM), category I or category II, and whether friable or non-friable when received at the facility.

a. "Asbestos" means the asbestiform varieties of serpentinite (chrysotile), riebeckite (crocidolite), cummingtonite-grunerite, anthophyllite, and actinolite-tremolite and includes trade acronyms products such as amosite.

b. "Asbestos-containing materials", ACM, means any materials which contain more than one percent asbestos as determined by Polarized Light Microscopy. Based on a representative composite sample.

c. "Asbestos removal project" means renovation or demolition operation in a facility that involves the removal of a threshold amount of regulated asbestos-containing material.

d. "Category I Nonfriable Asbestos-Containing Material (ACM)" means asbestos-containing packings, gaskets, resilient floor covering, and asphalt roofing products containing more than 1 percent asbestos as determined using the method specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy.

e. "Category II Non-friable ACM" means any material, excluding Category I Nonfriable ACM, containing more than 1 percent asbestos as determined using the methods specified in Appendix A, Subpart F, 40 CFR Part 763, Section 1, Polarized Light Microscopy, that, when dry, cannot be crumbled, pulverized, or reduced to powder by hand pressure.

[40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; and Rules 62-730.300 and 62-701.520, F.A.C.]

13. Unconfined Emissions of Particulate Matter - In addition to the conditions in Appendix C., Condition 9, the following reasonable precautions shall be followed:

a. Paved parking and trafficked areas shall be maintained and kept free of particulate matter build-up.

b. Sprinkling with water shall be used as necessary on paved areas, unpaved areas, stockpiles, and during loading/unloading operations.

c. All aggregate brought into the facility arrives and is dumped in a damp manner.

d. Posting and enforcing a 5 MPH speed limit in all traffic areas.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1010027-007-AC]

14. Fugitive Emissions Opacity Standard - In order to provide reasonable assurance that the precautions and practices taken at the plant are adequate, visible emissions of unconfined particulate matter at the plant's property line should not exceed 10% opacity. Exceedance of this limit shall not be considered a violation in and of itself, but an indication that additional control precautions and/or practices beyond those outlined in Specific Condition No. 8. may be necessary.
[Rule 62-4.070(3), F.A.C.; Construction Permit 1010027-007-AC]

15. Records Retention – All records shall be recorded in a permanent form suitable for inspection by the Department upon request and shall be kept at the facility for a minimum of the most recent five (5) year period.
[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1010027-007-AC]

A. EU No. 004 Drum Mix Asphalt Plant with Baghouse

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
004	This facility operates a Gencor Industries, Inc., Model 400 Ultra Drum, drum mix asphalt concrete plant having a design capacity of 250 tons/hour. The plant is permitted to process either conventional surface mix (virgin) or reclaimed asphalt pavement (RAP). The dryer can be fired with natural gas, on-specification reclaimed fuel oil, or new No. 2 fuel oil. Each fuel oil can have a maximum sulfur content not to exceed 0.5% by weight. The maximum heat input rate to the dryer is 85.0 MMBtu/hour. Emissions are controlled by a Gencor primary settling chamber followed by a Gencor Industries, Inc., Ultra-Flow Model CFS-144 baghouse control system rated at about 28,000 dscfm. A Gencor vibratory screen and lump breaker are used to provide proper size material needed for the asphalt concrete mix.

PERFORMANCE RESTRICTIONS

A.1. Federal Regulatory Requirements - This emission unit is subject to 40 CFR 60 Subpart I, Standards of Performance for Hot Mix Asphalt Facilities and the attached general provisions of 40 CFR 60, Subpart A, General Standards (see Appendix F), where applicable, which are adopted by reference in Rule 62-204.800, F.A.C.
[Rule 62-204.800(8), F.A.C.; 40 CFR 60, Subparts A and I]

A.2. Permitted Capacity - This emission unit is limited to the following operating parameters:

EU ID No.	Brief Description	Monthly Average Maximum Heat Input Rate (MMBtu/hour)	Daily Average Maximum Production Rate of Hot Mix Asphalt Concrete (tons/hour)	Maximum Production of Hot Mix Asphalt Concrete (tons/any consecutive 12-month period)	Hours of Operation (hours/ consecutive 12-month period
001	Drum Mix Asphalt Plant	[1]85	250.0	1,000,000	4,000

[1] *This corresponds to approximately 611.5 gallons/hour (2,446,000 gallons/year) of on-specification reclaimed fuel oil or new No. 2 fuel oil with a heat content of 139,000 BTUs/gallon.)*

[Rule 62-210.200 ("Potential to Emit"), F.A.C.; Construction Permit 1010027-007-AC]

A.3. Authorized Fuel - The following fuels are allowed:

a. natural gas;

b. on-specification reclaimed fuel oil; and

c. new No. 2 fuel oil.

[Rule 62-210.200 ("Potential to Emit"), F.A.C.; Construction Permit 1010027-007-AC]

EMISSIONS STANDARDS

A.4. Visible Emission (VE) Limit - Visible emissions associated with the asphalt concrete plant shall not be equal to or greater than 20% opacity.
[40 CFR 60 Subpart I, 60.92(a)(2) and adopted by reference in Rule 62-204.800(8)(b), F.A.C.]

A.5. Particulate Matter (PM) Limitation - Particulate emissions, associated with the asphalt concrete plant, shall not exceed 0.04 grains per dry standard cubic foot averaged over a three (3) hour period.

(Permitting Note: Based on a design airflow rate of 28,000 dscfm and 4,000 hours/year of operation, the equivalent PM emissions are 9.6 lbs./hour and 19.2 tons/year)

[40 CFR 60 Subpart I, 60.92(a)(1) and adopted by reference in Rule 62-204.800(8)(b), F.A.C.]

TESTING REQUIREMENTS

A.6. Visible Emission (VE) Testing - In order to document compliance with Specific Condition No. A.4., the permittee shall test the visible emissions from the asphalt concrete plant's baghouse annually during each federal fiscal year (October 1 – September 30).
[Rule 62-297.310(7)(a), F.A.C.]

A.7. Particulate Matter (PM) Testing - In order to document compliance with Specific Condition No. A.5., the permittee shall test the PM emissions from the baghouse of the asphalt concrete plant annually during each federal fiscal year (October 1 – September 30).
[Rule 62-297.310(7)(a), F.A.C.]

A.8. Test Requirements - Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310(7)(a)9., F.A.C.]

A.9. Additional Emissions Testing Requirements - Testing requirements for the asphalt concrete plant include the following:

a. A compliance test submitted when the dryer is fired with on-specification reclaimed fuel oil will automatically constitute an amended permit to allow the dryer to be only fired with on-specification reclaimed fuel oil, new No. 2 fuel oil, or natural gas.

b. A compliance test submitted when the dryer is fired with new No. 2 fuel oil will automatically constitute an amended permit to allow the dryer to be only fired with new No. 2 fuel oil or natural gas and up to 400 hours of firing on-specification reclaimed fuel oil. Within 30 days of exceeding the 400th hour of firing the dryer with on-specification reclaimed fuel oil, new compliance tests shall be conducted with the dryer being fired with on-specification reclaimed fuel oil.

c. A compliance test submitted when the dryer is fired with natural gas will automatically constitute an amended permit to allow the dryer to be fired with natural gas without restriction and up to 400 hours of firing fuel oil. Within 30 days of exceeding the 400th hour of firing the dryer with fuel oil, new compliance tests shall be conducted with the dryer being fired with fuel oil.

d. A compliance test submitted when processing RAP shall limit the plant to processing only RAP. If the plant is so limited, within thirty (30) days upon processing virgin materials (conventional hot mix asphalt), a new compliance test shall be conducted using only virgin materials.

e. A compliance test submitted when processing only virgin materials shall also allow the plant to process RAP.

[Rules 62-4.070(3) and 62-297.310(2), F.A.C.; Construction Permit 1010027-007-AC]

A.10. Test Method(s) - Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
1-4	Traverse Points, Velocity and Flow Rate, Gas Analysis, and Moisture Content
5 or 5A	Determination of Particulate Matter Emissions from Stationary Sources
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.401, F.A.C.; Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

A.11. Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. 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 the telephone number of the person conducting the test.

Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

A.12. Test Reports - The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. Include the following for the test period in the test report submittal*:

A.12. *(continued)*

a. facility name, facility ID, and Emission Unit number;

b. date;

c. production rate of hot mix asphalt concrete in tons/hour and whether RAP is used in the mix or not;

d. type and amount (cubic feet, gallons) of fuel burned;

e. fuel oil analysis of the sulfur content of the fuel oil used (if applicable);

f. on-specification reclaimed fuel oil analysis to document compliance with the on-specification reclaimed fuel oil limits (if applicable);

g. a copy of the daily records for the day the test was conducted and the monthly records for the month the test was conducted as required by Specific Condition No. A.13.; and

h. a visible emission test report for each RAP crushing system that used an off-site VE test to comply with Specific Condition No. B.7., since the previous asphalt plant emissions test *(see Specific Condition No. B.15.)*.

**Failure to submit this information may invalidate the test.*

[Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

A.13. Operation Records - In order to document continuing compliance with Specific Condition No. A.2., the following records shall be kept:

Daily**:**

a. facility name, facility ID No., emission unit ID No., and description (i.e., Ajax Paving Industries of Florida, LLC, 1010027, EU 004, drum mix asphalt plant);

b. date;

c. total virgin asphalt concrete production (tons);

d. total asphalt concrete containing RAP production (tons);

e. total of both types (c. and d. above) of asphalt concrete production combined (tons);

f. total hours of operation while producing asphalt concrete (including RAP);

g. calculation of the daily average (tons/hour) production rate of asphalt concrete based on e. and f. above;

Monthly**:**

h. facility name, facility ID No., emission unit ID No., and description (i.e., Ajax Paving Industries of Florida, LLC, 1010027, EU 004, drum mix asphalt plant);

i. total tons of both types of asphalt concrete produced for the month (tons);

A.13. *(continued)*

j. most recent consecutive 12-month rolling total of asphalt concrete production based on i. above (tons/consecutive 12-month period);

k. total hours of operation for the month (hours/month);

l. most recent consecutive 12-month rolling total of hours of operation (hours/consecutive 12-month period);

m. type and quantity (gallons) of fuel oil burned in the dryer including the overall monthly average MMBtu/hour heat input rate; and

n. most recent consecutive 12-month rolling total of fuel oil consumed.

o. quantity (cubic feet) of natural gas burned (for AOR reporting).

Daily records shall be completed within 3 business days and monthly records shall be completed by the end of the following month.

[Rule 62-4.070(3) F.A.C.; Construction Permit 1010027-007-AC]

A.14. Additional Fuel Oil Usage Recordkeeping - In order to determine compliance with Specific Condition No. A.9. the following records shall be kept:

a. If the last compliance test was conducted while the dryer was fired with new No. 2 fuel oil, the permittee shall keep a daily record of dryer operating hours while firing on-specification reclaimed fuel oil, along with a cumulative total of on-specification reclaimed fuel oil operating hours since the last dryer compliance test*.

> *(****Permitting Note:*** *When on-specification reclaimed fuel oil dryer operating hours since the last compliance test exceed 400 hours, then additional compliance testing is required. (see Specific Condition No. A.9.))*

b. If the last compliance test was conducted while the dryer was fired with natural gas, the permittee shall keep a daily record of dryer operating hours while firing new No. 2 fuel oil or on-specification reclaimed fuel oil, along with a cumulative total of on-specification reclaimed fuel oil and new No. 2 fuel oil operating hours since the last dryer compliance test*.

> *(****Permitting Note:*** *When new No. 2 fuel oil, on-specification reclaimed fuel oil dryer operating hours since the last compliance test exceeds 400 hours, then additional compliance testing is required (see Specific Condition No. A.9.))*

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1010027-007-AC]

B. EU No. 009 Portable Reclaimed Asphalt Pavement (RAP) Crushing System

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
009	A portable RAP crushing system may be owned by a different company and is brought on-site from time to time to crush the RAP into a smaller size that can be used in the manufacture of new hot mix asphalt concrete. The RAP crushing system will have a maximum throughput limit of 187,500 tons per any consecutive 12-month period. The crusher and associated equipment are powered by an exempt 450 HP (maximum) diesel engine and power generator fired with new No. 2 fuel oil with a maximum sulfur content of 0.5% by weight.

PERFORMANCE RESTRICTIONS

B.1. Federal Regulatory Requirements -

a. If a portable RAP crushing system used at this asphalt plant is not subject to the attached Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (see Appendix E.) and the attached general provisions of 40 CFR 60, Subpart A (see Appendix F.), where applicable, then only Specific Condition Nos. B.2., B.3., B.4., B.6., B.16., and B.18.a.-e. apply.

b. If a portable RAP crushing system used at this asphalt plant is subject to the attached Title 40, Code of Federal Regulations (CFR), Part 60, Subpart OOO – Standards of Performance for Nonmetallic Mineral Processing Plants (see Appendix E.) and the attached general provisions of 40 CFR 60, Subpart A (see Appendix F.), where applicable, then all of the following specific conditions apply.

[40 CFR 60, Subparts A and OOO; Construction Permit No. 1010027-007-AC]

B.2. Florida Air Permit Requirement - Every portable RAP crushing system operated at this facility shall have a valid Florida Air General Permit or a non-Title V relocatable air operation permit. While on site, any portable crushing system is subject to all the terms and conditions contained in this Air Construction Permit.
[Rule 62-4.070(3) F.A.C.; Construction Permit No. 1010027-007-AC]

B.3. Permitted Capacity - This emission unit is limited to the following operating parameters:

EU ID No.	Brief Description	Maximum Throughput of Portable Reclaimed Asphalt Pavement at this Facility (tons/any consecutive 12-month period)
009	RAP Crushing System*	187,500

*Only one RAP Crushing System can be operated at this site at any one time.

[Rules 62-210.200 ("Potential to Emit") and 62-297.310(2), F.A.C.; Construction Permit 1010027-007-AC]

B.4. Maximum Emission Points - The crushing system located with the asphalt concrete plant shall not have more emission points and specific pieces of equipment than shown in the Table below. (See Appendix G. for a flow diagram of the RAP Crushing System.)

Emission Point No.	Brief Description
1	Drop to Feeder/Hopper
2	Crusher Inlet
3	Crusher to Conveyor
4	Conveyor to Screen
5	Screen
6	Screen to Stacker Conveyor
7	Stacker Conveyor to Pile
8	Screen to Oversize Conveyor
9	Oversize Conveyor to Crusher

[Rule 62-210.200 ("Potential to Emit"), F.A.C. ; Construction Permit 1010027-007-AC]

EMISSIONS STANDARDS

B.5. Visible Emissions (VE) Limitations - Each emission point associated with this emission unit shall comply with the following maximum visible emission limitations:

Emission Point No.	Brief Description	Max.VE Limit (% Opacity)[1]	Max.VE Limit (% Opacity)[2]
1	Drop to Feeder/Hopper	<20*	<20*
2	Crusher Inlet (same as EP 9 for VE testing)	15**	12*
3	Crusher to Conveyor	15**	12*
4	Conveyor to Screen	10**	7*
5	Screen		
6	Screen to Stacker Conveyor (same as EP 8 for VE testing)	10**	7*
7	Stacker Conveyor to Pile	<20*	<20*
8	Screen to Oversize Conveyor	10**	7*
9	Oversize Conveyor to Crusher	15**	12*

* Rule 62-296.320(4)(b), F.A.C. ** 40 CFR 60.672(b)

[1] For crushers and affected pieces of equipment (e.g., screens) that commenced construction, modification or reconstruction after 8/31/1983, but before 4/22/08.

[2] For crushers and affected pieces of equipment (e.g., screens) that commenced construction, modification or reconstruction on or after 4/22/2008.

Permitting Note: Emission Point Nos. 1 and 7 do not require regular scheduled VE compliance testing, since the applicable visible emission limitation is a facility-wide limitation and there is no applicable allowable mass emission limitation. Emission Point Nos. 2 & 9 are at the same location and require

only one VE test. Emission Point Nos. 4 & 5 are at the same location and require only one VE test. Emission Point Nos. 6 & 8 are at the same location and require only one VE test.

[Rules 62-210.200 ("Potential to Emit") and 62-296.320(4)(b), F.A.C.; 40 CFR 60.672(b) and (c); Construction Permit 1010027-007-AC]

B.6. Unconfined Emissions of Particulate Matter - Unconfined emissions shall be controlled by using a water suppression system with spray bars located wherever unconfined emissions occur at the feeder, the entrance and exit of the crusher, screen, and the conveyor drop points.
[Rule 62-296.320(4)(c), F.A.C.; Construction Permit 1010027-007-AC]

TESTING REQUIREMENTS

B.7. Visible Emissions Test Requirements - In order to determine compliance with the visible emission limitations of Specific Condition No. B.5. for each crushing system that is brought on-site, the permittee shall maintain on site either documentation of the most recent* annual visible emissions test that complies with the crushing system's General Permit or non-Title V relocatable air operation permit requirements prior to locating at this site (see Specific Condition No. B.8.) or shall test on-site according to Specific Condition Nos. B.9. - B.11., below.

**Permitting Note*: *The most recent test shall not be older than the previous federal fiscal year.*

[Rule 62-4.070(3) F.A.C.; Construction Permit 1010027-007-AC]

B.8. Off-Site Test Requirements - An off-site test may be accepted by the Department provided the required documentation listed in Specific Condition No. B.14., below can be provided with the test report required in Specific Condition No. B.15., below. In addition, the crushing system must have been tested while operating with the same or more emission points and equipment that will be operating while on-site. If an off-site visible emissions test is used to demonstrate compliance with Specific Condition No. B.5., the crusher shall not be operated at rates greater than 110% of the actual processing rate measured during that test.
[Rule 62-4.070(3) F.A.C.; Construction Permit 1010027-007-AC]

B.9. On-Site Test Requirements – If adequate documentation as required by Specific Condition No. B.8. is not available, the permittee shall test Emission Point Nos. 2, 3, 4, 5, 6, 8 and 9 (as applicable) for visible emissions as soon as possible but no later than 30 days of placing the crushing system into operation after the effective date of this permit. Once tested, the crushing system may not operate in a configuration that has more pieces of equipment and/or emission points than were operating during the test unless a new compliance test is conducted with the greater number of pieces of equipment and/or emission points. In no case shall the pieces of equipment and/or emission points exceed those in Specific Condition No. B.4. If the crusher remains on-site, the crushing system shall be tested for visible emissions annually during each federal fiscal year (October 1 – September 30) the crushing system is on-site.
[Rules 62-4.070(3) and 62-297.310(7)(a), F.A.C.; Construction Permit 1010027-007-AC]

B.10. Visible Emission Testing Requirements - On-site visible emission testing shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit and shall also comply with the following:

a. The minimum distance between the observer and the emission source shall be 15 feet.

b. The observer shall, when possible, select a position that minimizes interference from other fugitive emission sources (e.g., road dust). The required observer position relative to the sun (Method 9, Section 2.1) must be followed.

c. The duration of the Method 9 observations must be 30 minutes (five 6-minute averages). Compliance with Specific Condition No. B.5., must be based on the average of the five 6-minute averages.

d. As an alternative to the Method 9 requirement to conduct visible emission observations of only one emission point at a time, a single visible emission observer may conduct visible emission observations for up to three fugitive, stack, or vent emission points within a 15-second interval if the following conditions are met:

(1) No more than three emission points may be read concurrently.

(2) All three emission points must be within a 70 degree viewing sector or angle in front of the observer such that the proper sun position can be maintained for all three points.

(3) If an opacity reading for any one of the three emission points equals or exceeds the applicable standard, then the observer must stop taking readings for the other two points and continue reading just that single point.

[Rules 62-297.310(4), and 62-297.401, F.A.C.; 40 CFR 60.675 (c) and (e)(2)]

B.11. Test Method(s) - Required tests shall be performed in accordance with the following reference method(s).

Method(s)	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method(s) are described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.

[Rules 62-204.800 and 62-297.401, F.A.C.; Appendix A-4 of 40 CFR 60]

MONITORING REQUIREMENTS

B.12. Monitoring Requirements - If any affected piece(s) of equipment of the RAP Crushing System (i.e., crusher, screen or conveyor belt) was constructed, modified, or began reconstruction on or after April 22, 2008, a monthly inspection must be performed to check that water is flowing to discharge spray nozzles of the wet suppression system. The owner or operator must initiate corrective action within 24 hours and complete corrective action as expediently as practical if water is not flowing properly during the inspection.
[40 CFR 60, 60.674(b)]

NOTIFICATION REQUIREMENTS

B.13. On-Site Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required on-site tests. 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 the telephone number of the person conducting the test.

Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

B.14. On-Site Test Report Requirements - The permittee shall prepare and submit to the Compliance Authority reports for all required tests in accordance with the requirement specified in Appendix D (Common Testing Requirements) of this permit. The test report must include the following:

a. owner name;

b. General or non-Title V Air Operation Permit number (e.g., 7771234-XXX-AX);

c. manufacturer's maximum rated capacity for any material *(i.e. the rated TPH capacity of the material with the highest processing rate)*;

d. date each affected piece of equipment of the crushing system commenced construction, modification or reconstruction;

e. type of material processed;

f. actual material handling rate during the test period (tons/hour);

g. configuration of the crushing system during the test to include specific pieces of equipment, emission points and/or a process flow diagram; and

h. a copy of the monthly log as required by Specific Condition No. B.16. for the month the test was conducted.

[Rules 62-4.070(3) and 62-297.310(8), F.A.C.; Construction Permit 1010027-007-AC]

B.15. Off-Site RAP Crushing System Test Reports - When demonstrating compliance with Specific Condition No. B.5. with an off-site visible emissions test, the permittee shall submit a copy of the most recent VE test report for each crushing system operated on site at the same time the test report for the drum mix asphalt plant (EU 001) is submitted *(see Specific Condition No. A.12.)*. The test reports must include the information specified in Specific Condition No. B.14.a.-g. above.
[Rule 62-4.070(3), F.A.C.; Construction Permit 1010027-007-AC]

B.16. Operation Records - In order to document compliance with Specific Condition No. B.3., the permittee shall record the following while the crushing system is on-site:

B.16. *(continued)*

Daily:

a. facility name, facility ID No., emission unit ID No., crushing system owner's name, Florida General or non-Title V Air Operation Permit No., and any other identification information so each crushing system can be clearly distinguished from another crushing system;

b. hours of operation;

c. total RAP throughput (tons);

d. daily average throughput rate based on b. and c. above (tons/hour);

Monthly:

e. facility name, facility ID No., and emission unit ID No.;

f. total RAP throughput (tons);

g. most recent consecutive 12-month rolling total RAP throughput (tons/consecutive 12-month period);

h. quantity of No. 2 fuel oil burned; and

i. most recent consecutive 12-month rolling total of fuel oil consumed.

Daily records shall be completed within 3 business days and monthly records shall be completed by the end of the following month.

[Rule 62-4.070(3), F.A.C.; Construction Permit 1010027-007-AC]

B.17. Monitoring Records - If any affected piece(s) of equipment of the RAP Crushing System was constructed, modified, or began reconstruction on or after April 22, 2008, the owner or operator must record each inspection of the water spray nozzles, including the date of each inspection and any corrective actions taken. *(see also Specific Condition No. B.12.)*
[40 CFR 60, 60.674(b)]

B.18. General Recordkeeping Requirements - The permittee shall keep records for each RAP crushing system operated on site as follows:

a. owner name;

b. General or non-Title V Air Operation Permit number(s) (e.g., 7771234-xxx-AX) and permit effective date(s);

c. dates on site;

d. manufacturer's maximum rated capacity for any material *(i.e. the rated TPH capacity of the material with the highest processing rate)*;

e. operating configuration while on-site to include specific pieces of equipment, emission points and/or a process flow diagram; and

f. date of most recent visible emissions test and a copy of the test report.

[Rules 62-4.070(3); Construction Permit 1010027-007-AC]

C. EU No. 010 - Portable Lime Silo with Baghouse (Serial No. 2029)
EU No. 012 - Portable Lime Silo with Baghouse (Serial No. 2011)

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
010 and 012	The lime silos are relocatable, portable, trailer-mounted systems, each with a self-contained weighing and flow controlled system for feeding lime, in an enclosed manner, into a hot mix asphalt process. Lime is added to create better bonding between asphalt cement and aggregate, which can increase the life of the resulting asphalt concrete. Lime is fed into an enclosed auger that carries the material to the mixing drum in order to maintain the operation under negative pressure. Each silo has a capacity of 34 tons and a feed rate of approximately 1% of the hot mix asphalt tons per hour rate. The annual throughput of each silo is approximately 2,500 tons per year of lime. Each lime silo has an associated Belgrade Steel Tank Company silo vent filter baghouse, Model No. Belle 225, or equivalent, located atop the silo for controlling PM and visible emissions. The silos are permitted to operate at six Ajax Paving Industries of Florida, LLC, facilities in Florida (see Appendix H), however only one silo can operate at a facility at a time. When a silo is to be relocated, it is emptied and secured, moved to a new location and reassembled.

PERFORMANCE RESTRICTIONS

C.1. Permitted Capacity – The usage of lime will not increase the permitted production rate or the permitted production capacity of this asphalt plant, but allows the use of new materials in the production of a hot mix asphalt product.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

C.2. Hours of Operation - The hours of operation are not limited (8760 hours per year).
[Rule 62-210.300 ("Potential to Emit"), F.A.C.; Construction Permit 7775592-001-AC]

C.3. Methods of Operation -

a. The associated lime silo dust collector shall be in operation while the silo is being pneumatically filled from a bulk lime tanker truck and while the silo is being pneumatically emptied back into a bulk lime tanker truck.

b. During asphalt production, lime from the lime silo shall be fed in an enclosed manner into the enclosed auger that carries fine particles from the asphalt plant's main baghouse to the asphalt mixing drum in order to maintain the operation under negative pressure. The lime silo's baghouse shall be operated as necessary during operations with the asphalt plant.

c. Only one lime silo may be operated on site at a time.

[Rules 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

EMISSIONS STANDARDS

C.4. Dust Collector Design Specifications – The minimum design specifications of the dust collector control system, including replacement filters, shall meet 0.01 grains per standard cubic foot. Collector bags or cartridges shall only be replaced with bags that meet this design specification.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

C.5. Visible Emissions - During the filling and emptying of the lime silo with a bulk lime tanker truck and during operations with the asphalt plant, visible emissions from the lime silo baghouse shall not exceed 5% opacity.
[Rules 62-4.070(3) and 62-297.620(4), F.A.C.; Construction Permit 7775592-001-AC]

TESTING REQUIREMENTS

C.6. Compliance Tests - During each federal fiscal year (October 1st to September 30th), each lime silo baghouse exhaust shall be tested to demonstrate compliance with the emissions standards for visible emissions. The compliance test shall be equal to the duration of the batch cycle or operation completion time. A visible emissions test conducted while the silo is operating at one of the five other locations authorized by Construction Permit 7775592-001-AC (see Appendix H) will satisfy this testing requirement.
[Rule 62-297.310(4)(a)2.a., F.A.C.]

C.7. Test Requirements - Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.
[Rule 62-297.310, F.A.C.]

C.8. Test Method - Required tests shall be performed in accordance with the following reference method.

Method(s)	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above method is described in Appendix A of 40 CFR 60 and are adopted by reference in Rule 62-204.800, F.A.C. No other method(s) may be used unless prior written approval is received from the Department.
[Rules 62-204.800 and 62-297.100, F.A.C.; Appendix A of 40 CFR 60]

NOTIFICATION REQUIREMENTS

C.9. Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. 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 the telephone number of the person conducting the test.

(Permitting Note: The notification should also include the relevant emission unit ID No(s)., test method(s) to be used, and pollutants to be tested.)

[Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

RECORDS AND REPORTS

C.10. Test Reports - The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. The test report shall be sent to the Compliance Authority of the Southwest District, if tested at this facility, with copies to Sarasota County, Hillsborough County and the South District, the other Compliance Authorities where this emission unit is authorized to operate (*see Appendix H*)).
[Rule 62-297.310(8), F.A.C.]

C.11. Monthly Recordkeeping - The permittee shall keep records of monthly and consecutive 12 month rolling totals of the tons of lime processed at the facility.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

C.12. Operation and Maintenance (O&M) Plan for Particulate Matter Control – The permittee shall keep an O&M Plan for the dust collector control system on the silo. The plan shall include the collector bag or filter specifications and a plan for regular maintenance.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

D. EU No. 011 - Portable Fiber Feeder System (Serial No. 8000-070)
EU No. 013 – Portable Fiber Feeder System (Serial No. 8000-081)

This section of the permit addresses the following emissions units.

ID No.	Emission Unit Description
011 and 013	These Krendl Machine Company Model #9000 Gravimetric Fiber Feeder Systems are portable, skid-mounted, gravimetric feeding systems for feeding fibers, in an enclosed manner, into an asphalt mixing drum. The fibers help reinforce the asphalt concrete. The fiber is purchased in plastic wrapped bales. The fiber feed rate is approximately 0.4% of the hot mix asphalt tons per hour rate. The estimated total annual processing rate is 2,571 bales per year, based on 700 lbs per bale. The fiber feeder systems are initially connected to a point inside the asphalt mixing drum through piping and hoses. Bales of fibers are stripped of the plastic wrapping and placed into the loading bin on the fiber feeder system using a forklift. The loading bin is hydraulically raised to load the bale into the main feed hopper (hopper). Once the fiber bale is loaded into the hopper, slowly rotating augers in the bottom of the hopper loosen the fibers and feed them in a fully enclosed manner into a gravimetric metering system. The fibers travel, in an enclosed manner, through the weigh scale, then through a small enclosed auger to a blower which causes the fiber to be fed pneumatically through hose and piping to a point inside the asphalt mixing drum. Except for the bale loading step into the main feed hopper, particulate matter and visible emissions from the system are controlled by the asphalt plant's main baghouse. When the fiber feeder systems are to be relocated, the piping and hoses to the asphalt mixing drum are disconnected and secured on the trailer, moved to a new location and reassembled.

PERFORMANCE RESTRICTIONS

D.1. Permitted Capacity – The usage of the fiber material will not increase the permitted production rate or the permitted production capacity of this asphalt plant, but allows the use of new materials in the production of a hot mix asphalt product.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

D.2. Hours of Operation - The hours of operation are not limited (8760 hours per year).
[Rule 62-210.200 ("Potential to Emit"), F.A.C.; Construction Permit 7775592-001-AC]

D.3. Method of Operation –

a. Prior to and during operation, the fiber feeder system shall be connected through hose and piping to the asphalt plant's mixing drum and maintained under negative pressure by exhausting the air through the asphalt plant's main baghouse.

b. Only one fiber feeder system may be operated at a time.

[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]

RECORDS AND REPORTS

D.4. Recordkeeping - The permittee shall keep records of monthly and consecutive 12 month rolling totals of the tons of fiber material processed at the facility.
[Rule 62-4.070(3), F.A.C.; Construction Permit 7775592-001-AC]