

December 19, 2014

NOTICE OF AIR POLLUTION PERMIT

CERTIFIED MAIL: 7013 3020 0001 2745 5729
RETURN RECEIPT REQUESTED

ISSUED TO:

Ms. Patricia Tierney
Environmental Director
Ranger Construction Industries, Inc.
101 Sansbury's Way
West Palm Beach, FL 33411

Permit Number: 7775221-006-AO
Issue Date: December 19, 2014
Expiration Date: December 18, 2019

Project: State of Florida Non-Title V Source Air Operation Permit Renewal for the Ranger Construction Industries, Inc- Miami Asphalt Plant.

Facility Description: Relocatable Asphalt Plant (SIC#/NAICS# 2951/324121)

Location: 18600 NW 122 Avenue, Miami, FL. 33178

Lat./Long.: 25° 56' 21" N / 80° 24' 51" W.

UTM: Zone 17; 558.66 km. E; 2868.92 km. N

This is Permit Number 7775221-006-AO to operate an air pollution source issued by the **Miami-Dade County Department of Regulatory and Economic Resources (RER), Division of Environmental Resources Management pursuant to Chapter 24, Code of Miami-Dade County and Chapter 403.087, Florida Statutes (F.S.)**. This is a State Air Operating Permit authorizing the operation of the emissions units described in this permit.

The Florida Department of Environmental Protection (FDEP) has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the FDEP recognizes the RER as the approved local air pollution control program of Miami-Dade County. Through a Specific Operating Agreement, the FDEP delegated to the RER the authority to issue or deny permits for this type of air pollution source located in Miami-Dade County.

STATEMENT OF BASIS:

This permit is issued under the provisions of **Chapter 24, Code of Miami-Dade County, Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297**, and in conformance with all existing regulations of the FDEP and the RER rules. The above named owner or operator is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s),

Ranger Construction Industries, Inc.
 Miami Asphalt Plant
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plans, and other documents attached hereto or on file with the RER and made a part hereof and specifically described in this permit.

PERMIT CONTENTS:

- Part I -- Summary Information
- Part II -- Facility-Wide Specific Conditions
- Part III -- Emission Unit Specific Conditions
- Appendix A – General Conditions
- Appendix B – Requirements for On-Specification Used Fuel Oil

PART I -- SUMMARY INFORMATION

REGULATORY CLASSIFICATION:

This facility is classified as a Synthetic Non-Title V Minor Source of Air Pollution

PERMIT HISTORY:

<u>Permit No.</u>	<u>Issue Date</u>	<u>Expiration Date</u>
AO 13-170985	November 30, 1989	June 30, 1994
AC 13-212916	August 13, 1992	July 31, 1993
AO 13-229568	June 8, 1993	June 1, 1998
0250529-001-AO	December 6, 2000	December 5, 2005
7775221-001-AC	February 25, 2004	February 24, 2005
7775221-002-AO	January 27, 2005	January 26, 2010
7775221-003-AO	January 25, 2010	January 24, 2015
7775221-004-AC	August 11, 2011	August 10, 2012
7775221-005-AO	August 06, 2012	January 24, 2015

SIGNIFICANT DATES:

November 20, 2014: RER Received Air Operation Permit Renewal Application.

This permit addresses the following air pollution emission unit(s):

Emissions Unit Number	Emissions Unit Description
001	One (1) Relocatable 8', 280 TPH Astec, Model 68-16 Double Barrel Drum-Mix Asphalt Plant with Hot Oil Heater and Baghouse.
002	RAP Operations

PART II -- FACILITY-WIDE SPECIFIC CONDITIONS

- 1.1 Regulating Agencies: All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Miami-Dade County Regulatory and Economic Resources (RER), Division of Environmental Resources Management, Air Quality Management located at 701 NW 1 Court, Suite 400, Miami, Florida 33136.
- 1.2 Citation Format: In this permit, references to **F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.**
- 1.3 Specific and General Conditions: The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.
[Rule 62-4.160 F.A.C.]
- 1.4 Applicable Regulations: This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state, or local permitting requirements or other regulations.
- 1.5 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid and hazardous wastes in accordance with all applicable Federal, State and Local regulations.
- 1.6 Other Permits: This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from the RER or other departments or agencies.
- 1.7 Renewal of This State Permit Required: An application for renewal of this air operating permit must be submitted to the RER, Air Quality Management **at least 60 days prior** to the expiration date of this permit. To apply for renewal of an operating permit, the applicant shall submit the appropriate application form in triplicate, the appropriate application fee, all required compliance test results, and such additional information as the RER may require by law.
[Rule 62-4.030, 62-4.050, and 62-4.220 F.A.C.]

Note that public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.
[Rule 62-210.350(4)(a) F.A.C.]

- 1.8 County Permit Renewal: A request for renewal of the Miami-Dade County annual air operating permit must be submitted annually to the RER Air Quality Management on the appropriate form, **by May 31st of each calendar year**, along with the appropriate Miami-Dade County permit fee.
[Chapter 24-18, Code of Miami-Dade County]

2.0 General Pollutant Emission Limiting Standards

- 2.1 Objectionable Odor Prohibited: No person shall 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.]

2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, 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 20 percent opacity at any time.
[Rule 62-296.320(4)(b) F.A.C.]

2.3 Volatile Organic Compounds/Organic Solvents Emissions:
No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the RER.
Such controls include the following:

- Tightly cover or close all VOC containers when they are not in use.
- Tightly cover all open tanks, which contain VOC when they are not in use.
- Maintain all pipes, valves, fittings, etc., which handle VOC in good operating condition.
- Confine rags used with VOC to tightly closed, fireproof containers when not in use.
- Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1) F.A.C.]

2.4 Unconfined Emissions of Particulate Matter:
No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.
Reasonable precautions include the following:

- Paving and maintenance of roads, parking areas and yards.
- Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- Application of asphalt, water, chemicals, or other dust suppressants to unpaved roads, yards, open stock piles, and similar activities.
- Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- Landscaping or planting of vegetation.
- Use of hoods, fans, filters, and similar equipment to contain, capture, and/or vent particulate matter.
- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.
- Substitution of powdery materials with granular or pelletized materials, where possible.

[Rule 62-296.320(4)(c) F.A.C.]

3.0 Operation Requirements

3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650 F.A.C.]

3.2 Excess Emissions: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the

duration of excess emissions shall be minimized but in no case exceeds two hours in any 24 hour period unless specifically authorized by the RER for longer duration. Excess emissions which are caused entirely

or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.
[Rule 62-210.700 F.A.C.]

4.0 Compliance Testing Requirements

4.1 Test Notification: Unless otherwise specified in this permit, the RER, Air Quality Management shall be notified in writing of expected compliance test dates (when required) at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.
[Rule 62-297.310(7)(a) 9 F.A.C.]

4.2 Testing at Capacity: Compliance testing (when required) shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If an emission unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.
[Rule 62-297.310(2) F.A.C.]

4.3 Special Compliance Tests: When the RER, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall 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 RER.
[Rule 62-297.310(7)(b) F.A.C.]

5.0 Reporting and Record Keeping Requirements

5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the RER in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the RER.
[Rule 62-210.700(6) F.A.C.]

5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the RER. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with the FDEP and the RER rules.
[Rule 62-4.130 F.A.C.]

5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for the RER inspection for a minimum of three (3) years from the date of such records.
[Rule 62-4.160(14)(b) F.A.C.]

5.4 Compliance Test Reports: Compliance test reports (when required) shall be submitted to the RER Air Quality Management, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the RER to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to F.A.C. Rule 297.310(8)(c):

- The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
- The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- All measured and calculated data required to be determined by each applicable test procedure for each run.
- The detailed calculations for one run that relate the collected data to the calculated emission rate.
- The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rule 62-297.310(8)(a) &(b) F.A.C.]

5.5 Annual Operating Report Required: Annual Operating Report (DEP Form No. 62-210.900(5)) shall be completed each year and submitted to the Miami-Dade County, RER, Air Quality Management office or submitted electronically to the Florida Department of Environmental Protection by April 1 of the following year.

[Rule 62-210.370(3) F.A.C.]

PART III -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission units:

Emissions Unit Number	Emissions Unit Description
001	<p>One (1) relocatable 8', 280 TPH Astec Double Barrel® Drum-Mix Asphalt Plant with Hot Oil Heater and Baghouse</p> <p>280 TPH Astec Double Barrel® Drum-Mix Asphalt Plant</p> <ul style="list-style-type: none"> • Fuel Oil: No.2 through No. 6 <p>Baghouse: One (1) Astec Industries Model RBH 68-16</p> <ul style="list-style-type: none"> • High temperature bags: 1,024 each measuring 4-5/8" diameter X 10' long = 12, 390 sq. ft • Design airflow: 68,145 ACFM • Air to cloth ratio: 5.5:1. • ~245 °F exit temperature • ~31.02 % moisture based on 5 % aggregate moisture • ~34, 598 scfmd (varies with temperature and moisture) • One (1) 46" diameter round stack, Exit Diameter: 3.83, Height: 31ft <p>Hot Oil Heater</p> <ul style="list-style-type: none"> • 2MMBTU/hr • Fuel: No.2 fuel oil <p>Additional Equipment:</p> <ul style="list-style-type: none"> • Aggregate bins • Feed conveyors • Hot storage silos • 75-100 TPH RAP crusher and conveyor system • Asphalt cement and fuel oil storage tanks
002	<p>RAP Operations</p> <p>500 TPH Crusher Subject to 40 CFR 60, Subpart OOO 350 HP Maximum Internal Combustion Engine Fuel: Diesel</p>

1.0 Emissions Limiting Standards and Operation Restrictions

- 1.1 Asphalt Plant Visible Emissions: The permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere (EU #001) the emissions of air pollutants from any activity, the opacity of which is equal to or greater than 20%.
[Rule 62-296.320(4)(b) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.2 Facility Wide VOC Emissions: Total emissions of volatile organic compounds (VOCs), including hazardous air pollutants "HAPs", shall not equal or exceed 49.9 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.3 Facility Wide Particulate Matter Emissions: Total emissions of particulate matter from the asphalt plant (EU #001) shall not exceed 0.04 gr/dscf averaged over a three-hour period. Facility Wide emissions of Particulate Matter shall not exceed 49.9 tons in any consecutive 12 month period.
[Rules 62-4.070(3) & 62-210.300(3)(c)2d F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.4 Facility Wide Nitrogen Oxides Emissions: Total emissions of nitrogen oxides shall not equal or exceed 49.9 tons in any consecutive 12-month period.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.5 Facility Wide Carbon Monoxide Emissions: Total Emissions of carbon monoxide shall not equal or exceed 49.9 tons in any consecutive 12 month period.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.6 Facility Wide Sulfur Dioxide Emission Standards: The owner or operator shall not cause, let, permit, suffer or allow the emissions of sulfur dioxide from the asphalt plant (EU #001) exceeding 1.1 pounds per million Btu heat input, when liquid fuel is burned. Facility wide emissions of Sulfur Dioxide shall not exceed 49.9 tons in any consecutive 12 month period.
[Chapter 24-41.3 Code of Miami-Dade County; Air Construction Permit No. 7775221-004-AC]
- 1.7 Asphalt Plant Production Rate: Total facility asphalt production rate shall not exceed 280 tons per hour based on a daily average and 500,000 tons in any consecutive 12 month period.
[Rules 62-4.070(3) & 62-210.300(3)(c)2a F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.8 Allowable Fuels: Fuels authorized to be burned in the drum dryer shall be limited to fuel oil, on-specification used oil fuel, natural gas and shall not exceed 1.0% sulfur content by weight. The liquid asphalt heating system is allowed to fire new No.2 oil having a maximum sulfur content limit of 0.5%, by weight, natural gas, or propane. Any internal combustion engines are allowed to burn only new No. 2 diesel fuel oil, or better. The used oil fuel shall meet the EPA requirements for on-specification used oil fuel, and the conditions listed in Appendix B of this permit.
[Rules 62-4.070(3) & 62-210.300(3)(c)2c F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 1.9 Asphalt Plant Fuel Oil Consumption: Fuel oil consumption shall not exceed 1.2 million gallons in any consecutive 12-month period.
[Rule 62-210.300(3)(c)2b F.A.C.; Air Construction Permit No. 7775221-004-AC]

1.10 Asbestos Containing Materials: This facility shall not process Asbestos Containing Materials (ACM) whether Regulated Asbestos Containing Materials (RACM), category I or category II, and whether friable or nonfriable when received at facility.
 [Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]

1.11 New Source Performance Standard Requirements. The emission unit listed above shall comply with all the applicable standards of the General Provisions of 40 CFR 60.
 [40 CFR 60; Air Construction Permit No. 7775221-004-AC]

1.12 Hours of Operation: The asphalt plant may not operate in excess of 5,200 hours in any consecutive 12-month period. However, the hot oil heater may operate 8,760 hours in any consecutive 12-month period.
 [Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]

1.13 Crusher Visible Emissions (EU #002): Affected facilities must meet the fugitive emissions limits in Table 3 of 40 CFR 60 Subpart OOO within 60 days after achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup as required under 40 CFR 60.11. The owner or operator must meet the following fugitive emissions limit for crushers at which a capture system is not used.

Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on after August 31, 1983 but before April 22, 2008	15 percent opacity
Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008	12 percent opacity

[40 CFR 60.672(b); Air Construction Permit No. 7775221-004-AC]

1.14 Conveyor/Screen Visible Emissions (EU #002): Affected facilities must meet the fugitive emissions limits in Table 3 of 40 CFR 60 Subpart OOO within 60 days after achieving the maximum production rate at which the affected facility will be operated, but no later than 180 days after initial startup as required under 40 CFR 60.11. The owner or operator must meet the following fugitive emissions limit for grinding mills, screening operations, bucket elevators, transfer points on belt conveyors, bagging operations, storage bins, enclosed truck or railcar loading stations or from any other affected facility (as defined in 40 CFR 60.670 and 40 CFR 60.671)

Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on after August 31, 1983 but before April 22, 2008	10 percent opacity
Affected facilities (as defined in 40 CFR 60.670 and 40 CFR 60.671) that commenced construction, modification, or reconstruction on or after April 22, 2008	7 percent opacity

[40 CFR 60.672(b); Air Construction Permit No. 7775221-004-AC]

1.15 Portable Crushing Operations Production Rate: The portable crushing operation is allowed to process a maximum of 1,300,000 tons of material in any consecutive 12-month period.
 [Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]

1.16 Truck Dumping Visible Emissions: Truck dumping of nonmetallic minerals into any screening operation, feed hopper, or crusher is exempt from the requirements of 40 CFR 60 Subpart OOO.
 [CFR 60.672(d); Air Construction Permit No. 7775221-004-AC]

2.0 Compliance Monitoring and Testing Requirements, Records and Reports

- 2.1 Asphalt Plant Visible Emissions Test Required: The owner or operator shall have a formal compliance test conducted annually for visible emissions by EPA Method 9 during the federal fiscal year (October 1 – September 30). The visible emissions test shall be performed during one run of the particulate test.
[Rule 62-210.300(3)(c)2i F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.2 Crusher Unit Operations Visible Emissions Test Required: The owner or operator shall have a formal compliance test conducted for visible emissions from the portable crusher operations (Emissions Unit 002) initially, and annually for visible emissions by EPA Method 9 during the federal fiscal year (October 1 – September 30). Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C. To avoid the unintended consequence of requiring a portable crushing operation to be formally tested for visible emissions compliance multiple times during a single federal fiscal year, Ranger Construction Industries is not required to conduct initial or annual formal compliance tests for visible emissions if a formal compliance test demonstrating compliance with the opacity limit has already been conducted elsewhere in Florida during the federal fiscal year on the portable crusher operations while crushing material and Ranger Construction Industries has, and retains for 3 years, onsite a copy of the written compliance test reports.
[Rule 62-297.310(7) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.3 Asphalt Plant Particulate Matter Test Required: The owner or operator shall have a formal compliance test conducted annually for particulate matter by EPA Method 5 or 5A during the federal fiscal year (October 1 – September 30).
[Rule 62-210.300(3)(c)2i F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.4 Asphalt Plant Sulfur Dioxide Emissions Testing: The owner or operator shall have a formal compliance test conducted annually for sulfur dioxide emissions using EPA Method 6.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.5 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 the 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 belts scales, weight hoppers, flow meters and tanks 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 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.6 Asphalt Plant Hours of Operation: The owner or operator shall record and maintain daily records of the hours of operation of the asphalt plant. This record shall be retained for five years.
[Rule 62-210.300(3)(c)2g F.A.C.; Air Construction Permit No. 7775221-004-AC]

- 2.7 Asphalt Concrete Production and Fuel Oil Consumption: The owner or operator shall maintain records to document the hourly, monthly and 12 month rolling totals of tons of asphaltic concrete produced, and the type and quantity of fuel consumed. These records shall be retained for five years.
[Rule 62-210.300(3)(c)2g F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.8 Asphalt Plant Allowable Fuels: The owner or operator shall maintain records to demonstrate that each shipment of fuel oil does not exceed 1.0% sulfur by weight, 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).
[Rule 62-210.300(3)(c)2c F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.9 Control Equipment: The owner or operator shall visually inspect each emissions unit and associated baghouse daily to ensure that each baghouse is operating properly, and shall record the condition of each baghouse and pressure drop when inspected. The owner or operator shall perform a detailed inspection of each baghouse at least monthly and record the inspection results. Such inspections shall include general conditions of the emissions control equipment and ductwork, condition of the bags and appurtenances, and verification of proper operation of the bag cleaning cycle.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.10 Crushing Records: The owner or operator shall maintain records to document the monthly and 12 month rolling totals of materials crushed. These records shall be retained for five years.
[Rule 62-4.070(3) F.A.C.; Air Construction Permit No. 7775221-004-AC]
- 2.11 Visible Emissions Additional Requirements for the Crusher: In determining compliance with the particulate matter standards in 40 CFR 60.672(b), the owner or operator shall use Method 9 of Appendix A-4 of 40 CFR 60 Subpart OOO and the procedures in 40 CFR 60.11, with the following additions:
- (i) The minimum distance between the observer and the emission source shall be 4.57 meters (15 feet).
 - (ii) 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 of Appendix A-4 of this part, Section 2.1) must be followed.
 - (iii) For affected facilities using wet dust suppression for particulate matter control, a visible mist is sometimes generated by the spray. The water mist must not be confused with particulate matter emissions and is not to be considered a visible emission. When a water mist of this nature is present, the observation of emissions is to be made at a point in the plume where the mist is no longer visible.
[40 CFR 60.675(c)(1); Air Construction Permit No. 7775221-004-AC]
- 2.12 Visible Emissions Test Duration for the Crusher: When determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR 60.672(b), the duration of the Method 9 (40 CFR part 60, Appendix A-4) observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of 40 CFR 60 Subpart OOO must be based on the average of the five 6-minute averages.
[40 CFR 60.675(c)(3); Air Construction Permit No. 7775221-004-AC]
- 2.13 Alternative Visible Emissions Test Methods for the Crusher: The owner or operator may use the following as alternatives to the reference methods and procedures specified in 40 CFR 60.675:

- (1) For the method and procedure of paragraph (c) of 40 CFR 60.675, if emissions from two or more facilities continuously interfere so that the opacity of fugitive emissions from an individual affected facility cannot be read, either of the following procedures may be used:
 - (i) Use for the combined emission stream the highest fugitive opacity standard applicable to any of the individual affected facilities contributing to the emissions stream.

 - (ii) Separate the emissions so that the opacity of emissions from each affected facility can be read.
- (2) 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:
 - (i) No more than three emission points may be read concurrently.
 - (ii) 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.
 - (iii) 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.

[40 CFR 60.675(e)(1)& (2); Air Construction Permit No. 7775221-004-AC]

- 2.14 Crusher Reports Submittal: The owner or operator of any affected facility shall submit written reports of the results of all performance tests conducted to demonstrate compliance with the standards set forth in 40 CFR 60.672, including reports of opacity observations made using Method 9 (40 CFR part 60, Appendix A-4) to demonstrate compliance with 40 CFR 60.672(b), (e) and (f). This includes copies of reports of opacity observations conducted on the crusher elsewhere in Florida that are used to demonstrate compliance with the opacity limit.

[40 CFR 60.676(f); Air Construction Permit No. 7775221-004-AC]

Executed in Miami-Dade County, Florida.
REGULATORY AND ECONOMIC RESOURCES

H. Patrick Wong, Chief
Air Quality Management

Date

HPW/fe

Copy: Patricia Tierney, Ranger Construction Industries, LLC [patricia.tierney@rangerconstruction.com]

Daniel R. Beatty, Beatty Environmental Services, LLC [beattyenvironmental12@gmail.com]

Diane Pupa, Florida Department of Environmental Protection, Southeast District Office

[Diane.Pupa@dep.state.fl.us]

Ranger Construction Industries, Inc.
Miami Asphalt Plant
Permit Number 7775221-006-AO

FILING AND ACKNOWLEDGMENT: FILED, on this date, pursuant to § 120.52(7), F.S., with the designated RER Clerk, receipt of which is hereby acknowledged.

Clerk

Date