



FINAL DETERMINATION

FOR

Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Company, Inc.

Hillsborough County

Air Construction Permit

Application Number

0571337-004-AC

Environmental Protection Commission of

Hillsborough County

Tampa, FL

March 1, 2013

## FINAL DETERMINATION

The Environmental Protection Commission of Hillsborough County mailed a public notice package on February 5, 2013 that included an Intent to Issue Air Construction Permit No. 0571337-004-AC to Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Company, Inc. The facility is located at 5430 56th Street, Hillsborough County, FL 33610. The air construction permit authorizes construction of a new 60 ton lime silo. The maximum lime throughput will be limited to 750 tons/year. In addition, the storage silo elevator conveyor, the three 100-ton asphalt storage silos, the three truck loadout scale stations, and the two 20,000 gallon asphalt tanks for storage of asphalt cement (liquid asphalt) are included as permitted emission sources in this permit.

The Public Notice of Intent to Issue was published in The Tampa Tribune on February 14, 2013.

### COMMENTS/CHANGES

No comments were received from the applicant or the public.

### CONCLUSION

The final action of the Environmental Protection Commission of Hillsborough County is to issue the permit as drafted.

ENVIRONMENTAL PROTECTION COMMISSION OF  
HILLSBOROUGH COUNTY, as Delegated by

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

NOTICE OF PERMIT

Mr. Mike Stacey  
Manager – Plants and Materials  
Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Company, Inc.  
1936 Lee Road, Suite 101  
Winter Park, FL 32789-7229

Dear Mr. Stacey:

Enclosed is Air Construction Permit No. 0571337-004-AC to construct a new lime silo at the existing hot mix asphalt facility, issued pursuant to Section 403.087, Florida Statutes.

Any party to this order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the EPC in the Legal Department at 3629 Queen Palm Dr., Tampa, FL 33619; and by filing a copy of the Notice of Appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The Notice of Appeal must be filed within 30 days from the date this Notice is filed with the clerk of the EPC.

Executed in Tampa, Florida.

Sincerely,

Richard D. Garrity, Ph.D.  
Executive Director

RDG/LAW/law

cc: Alan Zahm, P.E. - Bottorf Associates, Inc.

CERTIFICATE OF SERVICE

This is to certify that this NOTICE OF PERMIT and all copies were mailed before the close of business on \_\_\_\_\_ to the listed persons.

Clerk Stamp

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

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

PERMITTEE:

Tampa Pavement Constructors, a subsidiary  
of Hubbard Construction Co., Inc.  
5430 North 56th Street  
Tampa, FL 33610

PERMIT/CERTIFICATION

Permit No: 0571337-004-AC  
County: Hillsborough  
Expiration Date: May 1, 2014  
Project: Lime Silo

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-204, 62-210, 62-212, 62-213, 62-296, 62-297, and Chapter 62-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the Environmental Protection Commission (EPC) of Hillsborough County and made a part hereof and specifically described as follows:

This permit authorizes the installation of a 60 ton silo that will be used to store lime. The lime will be pumped from the silo to the asphalt plant mixing drum as needed. The silo will be ducted to the existing ADM dust collector/baghouse, Model No. BHS585-10, which also controls emissions from the asphalt plant. The annual throughput of the silo is limited to 750 tons/year of lime. In addition, the storage silo elevator conveyor, the three 100-ton asphalt storage silos, the three truck loadout scale stations, and the two 20,000 gallon asphalt tanks for storage of asphalt cement are included as permitted sources in this permit.

Tampa Pavement Constructors, a Subsidiary of Hubbard Construction Co., Inc. (TPC) produces hot mix asphalt that is used to pave roads and various other jobs. The asphalt plant is a 225 ton/hr Milemaker Series (Model No. MM225) dual-drum, counter-flow asphalt plant with a MM225 Dryer (7.33' dia. x 30' L) and a MM225 Mixer (6.0' dia. x 16' L) manufactured by Asphalt Drum Mixers, Inc. (ADM). Virgin aggregates are loaded into cold feeder bins, which are controlled by variable speed drives in order to proportion desired amounts of each different aggregate onto a conveyor. Recycled Asphalt Product (RAP) is metered in the same manner as the virgin aggregates on a separate feeder and scale conveyor system. The virgin aggregates are then blended with asphalt cement (AC) oil, RAP, and lime and fed into the dryer and then into the mixing drum. The dryer is equipped with a burner rated at 75 mmBtu/hr and an exhaust fan in order to dry and heat the material mixture to the desired temperature to achieve the final product (asphalt concrete). The asphalt concrete is discharged onto a slat conveyor and conveyed into one of the three 100 ton storage silos awaiting trucks for job site delivery. Particulate matter (PM) emissions generated during the drying process are controlled by the baghouse described above. The material collected from the baghouse is then sent via a series of screw and pneumatic conveyors to the mixing drum to be mixed into the final product.

Location: 5430 56th Street, Tampa, Hillsborough County, FL

UTM Coordinates: 17-362.9 East 3097.7 North

Facility ID No.: 0571337

Emission Unit (EU) Nos.: 004 - Drum Mix Asphalt Plant (225 TPH)

<b>Emission Unit</b>	<b>Emission Point Description</b>
EU 004	1) ADM, Milemaker Series (Model No. MM225), dual-drum, counter-flow asphalt plant with mixer and dryer
	2) Mixer to Storage Silo Elevator Conveyor
	3) Three 100-ton Asphalt Product Storage Silos
	4) Three Truck Loadout Scale Stations

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

References Permit No.: 0571337-001-AC

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**PERMIT CONDITIONS:**

**A. Facility Wide Conditions.**

A.1. General Conditions. A part of this permit is the attached 15 General Conditions. [Rule 62-4.160, F.A.C.]

A.2. Other Requirements. Issuance of this permit does not relieve the permittee from complying with applicable emission limiting standards or other requirements of Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, or any other requirements under federal, state or local law. [Rule 62-210.300, F.A.C.]

A.3. Hillsborough County Requirements. All applicable rules of the Environmental Protection Commission of Hillsborough County including design discharge limitations specified in the application shall be adhered to. The permit holder may also need to comply with county, municipal, federal, or other state regulations prior to construction. [Rule 62-4.070(7), F.A.C.]

A.4. Public Nuisance Prohibited. The use of property, facilities, equipment, processes, products, or compounds, or the commission of paint overspraying or any other act, that causes or materially contributes to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Section 16, Chapter 84-446, Laws of Florida, as Amended.

A.5. General Visible Emission (VE) Limit. Visible emissions shall not be equal to or greater than 20% opacity, unless otherwise specified in this permit. [Rule 62-296.320(4)(b)(1), F.A.C.]

A.6. [Reserved]

A.7. Objectionable Odor. The facility shall not cause, suffer, allow, or permit the discharge of air pollutants that cause or contribute to an objectionable odor. An objectionable odor is any odor present in the outdoor atmosphere which by itself, or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-210.200(221) and 62-296.320(2), F.A.C.]

A.8. Unconfined Emissions of Particulate Matter (PM). All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provisions in Rule 62-296.320, F.A.C. These provisions are applicable to any source, including but not limited to, vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling. Reasonable precautions shall include, but are not limited to, the following: [Rule 62-4.070(3), and 62-296.320(4)(c), F.A.C.]

- a. Paving and maintenance of roads, parking areas, and yards or the application of water to

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unpaved roads, parking areas, and yards to control emissions.

- b. RAP and aggregate material shall be wetted, as necessary, prior to and during handling, including screening and crushing.
- c. Stockpiles of RAP and aggregate shall be adequately wetted and/or tarped as needed.
- d. Removal of PM from paved roads to prevent re-entrainment, and from building and work areas to prevent particulates from becoming airborne; however, dry sweeping is prohibited.
- e. Landscaping or planting of vegetation.

A.9. Excess Emissions. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may be reasonably prevented during start-up, shutdown, or malfunction shall be prohibited. [Rule 62-210.700(4), F.A.C.]

*(Permitting note: The Excess Emission Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS)*

A.10. Circumvention.

- a. No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable device operating properly. [Rule 62-210.650, F.A.C.]
- b. No owner or operator subject to the provisions of 40 CFR 60.12 shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 CFR 60.12]

A.11. 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. [40 CFR 61, Subpart M; Chapter 62-257, F.A.C.; Rule 62-701.520, F.A.C.;

- 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.

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- 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.

A.12. Compliance Test Notification. The permittee shall notify the Air Compliance Section of the EPC at least 30 days prior to the date on which each formal compliance test is to begin of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted. [Rule 62-297.310(7)(a)(9), F.A.C., and 40 CFR 60.7(a)(6) and 60.8(d)]

A.13. Compliance Test Methods. The test method for visible emissions (VE) shall be EPA Method 9. The visible emissions test shall be conducted by a certified observer and shall be a minimum of thirty (30) minutes in duration, unless specified otherwise in this permit. The test observation period shall include the period during which the highest opacity can reasonably be expected to occur. [40 CFR 60, Appendix A, adopted by reference in Rule 62-204.800, F.A.C., and Rules 62-297.310(4), and 62-297.401, F.A.C.]

A.14. Performance Tests. [40 CFR 60.8]

- a. Performance tests shall be conducted and data reduced in accordance with the test methods and procedures contained in each applicable subpart.
- b. The owner or operator shall make available to the EPC such records as may be necessary to determine the conditions of the performance tests. Operations during periods of startup, shutdown, and malfunction shall not constitute representative conditions for the purpose of a performance test nor shall emissions in excess of the level of the applicable emission limit during periods of startup, shutdown, and malfunction be considered a violation of the applicable emission limit unless otherwise specified in an applicable standard.

A.15. Stack Sampling. The permittee shall install and maintain stack sampling facilities (as

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required), including ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet requirements of Chapter 62-297, F.A.C. and 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.]

A.16. Required Equipment. The owner or operator of an emission 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 emission data to determine the compliance of emissions units with applicable emission limiting standards. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weigh hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value. [Rule 62-297.310(5), F.A.C.]

A.17. Test Report Submittal. All test reports of compliance demonstrations required by this permit shall be submitted to the Air Compliance Section of the EPC within forty-five (45) days after the test is completed. [Rule 62-297.310(8)(b), F.A.C.]

A.18. Special Compliance Testing. When the EPC, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission limiting standard contained in a Chapters 62-4 through 62-297, F.A.C. or in a permit issued pursuant to those chapters 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 EPC. [Rule 62-297.310(7)(b), F.A.C.]

A.19. Excess Emissions Reporting. In the case of excess emissions resulting from malfunctions, the permittee shall notify the Air Compliance Section of the EPC in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the EPC. [Rule 62-210.700(6), F.A.C.]

*(Permitting note: The Excess Emission Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS)*

A.20. Other NSPS Notifications. The permittee shall comply with the following requirements: [Rule 62-204.800, F.A.C.]

- a. A notification of the date construction of an affected facility is commenced postmarked no later than 30 days after such date. [40 CFR 60.7(a)(1)]
- b. A notification of the actual date of initial startup of an affected facility postmarked within 15 days after such date. [40 CFR 60.7(a)(3)]

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- c. The permittee shall furnish the EPC written notification of any physical or operational change to an existing facility which may increase the emission rate of any air pollutant to which a standard applies, unless that change is specifically exempted under an applicable subpart or in 40 CFR 60.14(e). This notice shall be postmarked 60 days or as soon as practicable before the change is commenced and shall include information describing the precise nature of the change, present and proposed emission control systems, productive capacity of the facility before and after the change, and the expected completion date of the change. The EPC may request additional relevant information subsequent to this notice. [40 CFR 60.7(a)(4)]
  - d. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the air pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative. [40 CFR 60.7(b)]
  - e. Compliance with opacity standards in this part shall be determined by conducting observations in accordance with Reference Method 9 in Appendix A (40 CFR 60). [40 CFR 60.11(b)]
  - f. The opacity standards set forth in this permit shall apply at all times except during periods of startup, shutdown, malfunction, and as otherwise provided in the applicable standard. [40 CFR 60.11(c)]
  - g. At all times, including periods of startup, shutdown, and malfunction, owners and operators shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determination of whether acceptable operating and maintenance procedures are being used will be based on information available to the EPC which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [40 CFR 60.11(d)]
  - h. No owner or operator subject to the provisions of this part shall build, erect, install, or use any article, machine, equipment or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere. [40 CFR 60.12]
- A.21. Startup/Shutdown/Malfunction. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; or any malfunction of the air pollution control equipment. The records shall be recorded in a permanent form suitable for inspection and shall be retained for at least five (5) years. [40 CFR 60.7 and Rule 62-204.800(8), F.A.C.]

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A.22. Records Retention. All daily records shall be completed within three (3) business days and all monthly records shall be completed by the end of the following month. All records required by this permit shall be maintained at the facility (on-site) for at least five (5) years and be made available to the EPC for inspection upon request. [40 CFR 60.7 and Rules 62-4.070(3) and 62-210.300(3)(c)2.g., F.A.C.]

A.23. Annual Operating Report Requirement. Submit to the Environmental Protection Commission of Hillsborough County each calendar year on or before April 1, completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility", for the preceding calendar year. [Rule 62-210.370(3)(c), F.A.C.]

A.24. Modifications. The permittee shall provide timely notification to the Environmental Protection Commission of Hillsborough County prior to implementing any changes that may result in a modification to this permit pursuant to Rule 62-210.200, F.A.C., Modification. The changes do not include normal maintenance, but may include, and are not limited to, the following, and may also require prior authorization before implementation: [Rules 62-210.300 and 62-4.070(3), F.A.C.]

- a. Alteration or replacement of any equipment or major component of such equipment.
- b. Installation or addition of any equipment, which is a source of air pollution.
- c. Replacement or modification of the hot oil heater.

A.25. Transfer of Ownership. If the permittee wishes to transfer this permit to another owner, an "Application for Transfer of Air Permit" (DEP Form 62-210.900(7)) shall be submitted, in duplicate, to the Environmental Protection Commission of Hillsborough County within 30 days after the sale or legal transfer of the permitted facility. [Rule 62-4.120, F.A.C.]

A.26. Operation Permit Application. A minimum of two copies of an air operating permit application shall be submitted to the Environmental Protection Commission of Hillsborough County within 60 days of completion of the compliance tests or at least 90 days prior to the expiration date of this permit, whichever occurs first. [Rules 62-4.050(2) and 62-4.090, F.A.C.]

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**B. Conditions Specific to EU 004 [Drum Mix Asphalt Plant (Plant)]**

**Operations and Emissions Limitations**

B.1. NSPS Applicability. The asphalt concrete plant is subject to the requirements of 40 CFR 60, Subpart I – (Standards of Performance for Hot Mix Asphalt Facilities) and the general provisions of 40 CFR 60, Subpart A, where applicable, which are adopted by reference in Rule 62-204.800(8), F.A.C. [Rule 62-204.800(8), F.A.C.]

B.2. Plant Operating Hours. The Plant is allowed to operate no more than 4,000 hours per any consecutive 12-month period. [Rule 62-4.070(3), F.A.C. and Permit No. 0571337-001-AC]

B.3. Hot Oil Heater Operating Hours. The hot oil heater, deemed an insignificant source, is allowed to operate continuously, 8,760 hours/year. [Rule 62-210.200, Definitions-(PTE), F.A.C. and Permit No. 0571337-001-AC]

B.4. Operation Rates. The following limitations shall apply to drum mix asphalt plant: [Rule 62-210.300(3)(c)1.a., F.A.C. and Permit No. 0571337-001-AC]

- a. The maximum lime throughput shall not exceed 750 tons in any consecutive 12-month period.
- b. The maximum asphalt concrete production shall not exceed 225 tons/hour on a daily average basis.
- c. The maximum asphalt concrete production shall not exceed 500,000 tons in any consecutive 12-month period.

B.5. Particulate Matter (PM) Emissions Limit: In order to limit the potential to emit, the particulate matter emissions from the drum mix asphalt plant baghouse shall not exceed the following limitations: [40 CFR 60.92(a)(1), Rules 62-4.070(3), 62-296.704, and 62-210.300(3)(c)1.d., F.A.C.]

- a. 0.04 grains per standard cubic foot averaged over a three (3) hour period.
- b. 20.6 ton/yr in any consecutive 12-month period.

B.6. Visible Emission Limit. Visible emissions from any part of the Plant shall not be equal to or greater than 20% opacity. [40 CFR 60.92(a)(2), and Rules 62-204.800(8), 62-210.300(3)(c)1.f. and 62-296.704(2), F.A.C.]

B.7. Dryer and Hot Oil Heater Fuel(s) and Sulfur Content. The Plant's dryer and hot oil heater shall comply with all of the following: [Rules 62-4.070(3), 62-210.300(3)(c)1.c., F.A.C. and Permit No. 0571337-001-AC]

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**Heat Input Rate**

- a. The maximum heat input rate for the dryer is 75 MMBtu/hour (on a monthly average basis).
- b. The maximum heat input rate for the hot oil heater is 2.1 MMBtu/hour.

**Fuel Types**

- c. The dryer’s permitted fuels are:
  - (1) On-specification reclaimed/used fuel oil
  - (2) No. 5 residual fuel oil
  - (3) No. 2 distillate fuel oil
  - (4) Natural Gas
- d. The hot oil heater’s permitted fuels are:
  - (1) No. 2 distillate fuel oil
  - (2) Natural Gas

**Sulfur Content (Dryer and Hot Oil Heater)**

- e. The dryer’s sulfur content for all fuel oils shall not exceed 1% by weight.
- f. The hot oil heater’s content for all fuel oils shall not exceed 0.5% by weight.

B.8. Used Oil Specifications. The permittee shall not burn off-specification used oil. For each delivery of on-specification used oil, the vendor shall provide an analysis\* documenting that the fuel oil meets the following requirements of 40 CFR 761.20(e)(2) and (3) and 40 CFR 279.11 (July 1, 2004). Copies of the analysis shall be maintained at the facility for a minimum of 5 years and made available to any local, state, and federal air pollution agency upon request. [Rules 62-4.070(3) and 62-710.210 F.A.C. and Permit No. 0571337-001-AC]

<b>Constituent/Property</b>	<b>Allowable Level</b>
Arsenic	5 ppm maximum
Cadmium	2 ppm maximum
Chromium	10 ppm maximum
Lead	100 ppm maximum
Total Halogens	Shall not exceed 1000 ppm <sup>1</sup>
Flash Point	100 degrees F minimum
PCB’s	Shall be less than 2 ppm <sup>2</sup>

<sup>1</sup>Levels over 1000 ppm require additional testing (ref. 40 CFR 279.11)

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<sup>2</sup>Required to be capable of firing on-specification used oil during startup and shutdown. Firing used oil with a concentration of 2 ppm or greater of PCBs is prohibited.

B.9. Fuel Sulfur Content Record. In order to document continuing compliance with the sulfur content limitation specified in Specific Condition B.7., 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 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. The above records shall be maintained at the facility for a minimum of five (5) years and be made available to any local, state, or federal agency upon request. [Rules 62-210.300(3)(c)1.c. and 62-4.070(3), F.A.C.]

**Compliance Testing Requirements**

B.10. Visible Emission (VE) Testing. [40 CFR 60.11 and Rules 62-297.310(7) and 62-4.070(3), F.A.C.]

- a. During the next scheduled compliance demonstration and annually thereafter, test the lime silo for visible emissions at the point of highest opacity. The lime silo shall be in operation during the test.
- b. During the next scheduled compliance demonstration and annually thereafter, test one of the storage silos during loading and one of the three truck loadout scales during truck loading for visible emissions at the point of highest opacity. Testing procedures shall be consistent with the requirements of 40 CFR 60, Rule 62-297, F.A.C., and Specific Condition No. A.13.
- c. Compliance with the opacity standards shall be determined by conducting observations in accordance with Method 9. The minimum total time of observations shall be 30 minutes in duration.

B.11. Test Requirement-Production Rate. Testing of emissions shall be conducted within 90-100% of the maximum permitted rate of 225 ton/hr, if feasible. A compliance test submitted at an operating rate less than 90% of the permitted rate will automatically constitute an amended permit at the lesser rate plus 10% (110% of the lesser test rate) until another test, showing compliance at no less than that higher rate is submitted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain authority to operate at the permitted capacity. The test results shall be filed with the Air Compliance Section of the EPC within forty-five (45) days of testing. Acceptance of the test by the EPC will constitute an amended permit at the higher rate plus 10%, up to the maximum permitted rate of 225 ton/hr. The actual rate (in tons/hour) of the emission unit for the test period shall be included in the test report for each test. Failure to submit the actual rate for the test period and a copy of the daily log (see Specific Condition No. B.14. for the test day in the test report may invalidate the test and fail to provide

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reasonable assurance of compliance. [Rules 62-297.310(2), and 62-4.070(3), F.A.C.]

B.12. Test Requirement-Fuel Type. The facility shall comply with the following: [Rules 62-4.070(3) and 62-297.310(2), F.A.C and Permit No. 0571337-001-AC]

- a. A compliance test submitted when the dryer is fired with Natural Gas will allow the dryer to be only fired with Natural Gas and up to 400 hours of firing No. 2 distillate fuel oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with No. 2 distillate oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil, a new compliance test shall be conducted with the dryer being fired with No. 2 distillate oil, No. 5 residual oil, or on-specification reclaimed/used fuel oil.
- b. A compliance test submitted when the dryer is fired with No. 2 distillate fuel oil will allow the dryer to be only fired with Natural Gas and No. 2 distillate fuel oil and up to 400 hours of firing No. 5 residual oil, or on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with No. 5 residual oil, or on-specification reclaimed/used fuel oil, a new compliance test shall be conducted with the dryer being fired with No. 5 residual oil, or on-specification reclaimed/used fuel oil.
- c. A compliance test submitted when the dryer is fired with No. 5 residual fuel oil will allow the dryer to be fired with Natural Gas, No. 2 distillate fuel oil, No. 5 residual fuel oil and up to 400 hours of firing on-specification reclaimed/used fuel oil. Within thirty (30) days of exceeding the 400<sup>th</sup> hour of firing the dryer with on-specification reclaimed/used fuel oil, a new compliance test shall be conducted with the dryer being fired with on-specification reclaimed/used fuel oil.
- d. A compliance test submitted when the dryer is fired with on-specification reclaimed/used fuel oil will allow the dryer to be fired with on-specification reclaimed/used fuel oil, Natural Gas, No. 2 distillate fuel oil, or No. 5 residual fuel oil.
- e. All compliance test results shall be submitted to the Air Compliance Section of the EPC.

B.13. Test Requirement -Asphalt Concrete Type. [Rule 62-4.070(3), F.A.C.]

- a. If the last emissions compliance test was conducted when the drum mixer was processing RAP, it shall limit the plant to only processing RAP. Once the plant is so limited, within thirty (30) days of processing virgin material, new compliance tests for particulates and visible emissions for the Plant's baghouse shall be conducted using only virgin materials.
- b. A compliance test submitted using virgin materials would allow the use of either RAP or virgin materials.

**PERMITTEE:**

Tampa Pavement Constructors, a subsidiary of Hubbard Construction Co., Inc.

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Project: Lime Silo

**PERMIT CONDITIONS:**

B.14. Test Report. Failure to submit the following with any compliance test report for the test period may invalidate the test(s): [Rules 62-4.070(3) and 62-297.310(8), F.A.C.]

- a. Production rate of hot mix asphalt concrete in tons/hour (indicate whether virgin materials or RAP materials were used)
- b. Type of fuel oil used
- c. Fuel oil analysis of the sulfur content of the fuel oil used
- d. Used fuel oil analysis to document compliance with the on-specification used oil limits, if applicable
- e. A copy of the records for the month the test was conducted as required by Specific Condition No. B.16.
- f. The pressure drop across the baghouse during normal operations (in inches of water).

**Recordkeeping Requirements**

B.15. Operating Records. In order to document compliance with the requirements of Specific Condition Nos. B.2., B.4., and B.8., the permittee shall comply with the following recordkeeping requirements: [Rule 62-4.070(3), F.A.C.]

- a. Daily Records - Daily record the following:
  - (1) Total asphalt concrete production (tons)
  - (2) Amount of RAP and virgin materials used in the asphalt concrete production (tons)
  - (3) Amount of lime used in the asphalt concrete production (tons)
  - (4) Hours of operation while producing asphalt concrete
  - (5) Operating hours for each type of fuel burned in the dryer
  - (6) The pressure drop across the baghouse during normal operations (in inches of water)
- b. Monthly and 12-Month Rolling Total Records:
  - (1) Total asphalt concrete produced (tons)
  - (2) Amount of RAP and virgin materials used in the asphalt concrete production (tons)
  - (3) Amount of lime used in the asphalt concrete production (tons)
  - (4) Total operating hours of the asphalt plant's dryer while producing asphalt concrete
  - (5) The quantity of each type of fuel used to fire the asphalt concrete plant's dryer along with the overall monthly average MMBtu/hour heat input rate
  - (6) The quantity and type of fuel used to fire the hot oil heater
  - (7) Total operating hours for each type of fuel burned in the dryer

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**PERMIT CONDITIONS:**

ENVIRONMENTAL PROTECTION COMMISSION  
OF HILLSBOROUGH COUNTY

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Richard D. Garrity, Ph.D.  
Executive Director

