



Environmental Protection and Growth Management Department
POLLUTION PREVENTION REMEDIATION AND AIR QUALITY DIVISION
One North University Drive, Suite 203, Plantation, Florida 33324
954-519-1260 • FAX 954-519-1495

NOTICE OF FINAL PERMIT

Mr. John Holloway, Plant Manager
Old Castle Retail, Inc. dba Bonsal American
1200 N.W. 18th Street
Pompano Beach, Florida 33069

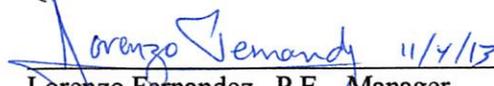
**VIA ELECTRONIC MAIL
RETURN EMAIL RECEIPT REQUESTED**

Dear Mr. Holloway:

Enclosed is construction permit number 0110038-007-AC to the facility located at above-referenced location in Broward County, Florida issued pursuant to Section 403.087 of the Florida Statutes, Broward County's Specific Operating Agreement with the Florida Department of Environmental Protection, and Broward County Code Chapter 27 Article IV which adopts Florida Administrative Code (FAC) 62-4, 62-296 and 62-297.

Persons whose substantial interests are affected by this permit have a right, pursuant to Section 120.57, Florida Statutes, to petition for an administrative determination (hearing) on it. The petition must conform to the requirements of Chapters 62-103 and 28-5.201, FAC, and must be filed (received) in the in the Office of the Broward County Attorney at 115 South Andrews Avenue, Room: 423, Fort Lauderdale, Florida 33301-1872 within fourteen (14) days of receipt of this notice. Failure to file a petition within the fourteen (14) days constitutes a waiver of any right such person has to an administrative determination (hearing) pursuant to Section 120.57, Florida Statutes and Chapter 27. This permit is final and effective on the date filed with the Clerk of the PPRAQD unless a petition is filed in accordance with this paragraph or unless a request for extension of time in which to file a petition is filed within the time specified for filing a petition and conforms to Rule 62-103.070, FAC. Upon timely filing of a petition or a request for an extension of time, this permit will not be effective until further Order of the PPRAQD. When the Order (Permit) is final, any party to the Order has the right to seek judicial review of the Order 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, in the Office of the Broward County Attorney at 115 South Andrews Avenue, Suite 423, Fort Lauderdale, Florida 33301-1872 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 the Final Order is filed with the Clerk of the Department.

Executed in Broward County, Florida
POLLUTION PREVENTION, REMEDIATION AND AIR
QUALITY DIVISION


Lorenzo Fernandez, P.E., Manager
Environmental Assessment, Remediation and Air Quality

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Permit was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with return receipt or e-mail receipt requested before the close of business on 11/7/2013 to the persons listed below.

Joe Lurix, SFDEP, Air Program Administrator, joe.lurix@dep.state.fl.us

Francis Morlu, South Florida Environmental Services, via e-mail

Dale Francke, P.E., Environmental health and Safety Partners, LLC., via e-mail

John Holloway, Plant Manager, Bonsal American, via e-mail

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)

11/7/13

(Date)



Environmental Protection and Growth Management Department
POLLUTION PREVENTION REMEDIATION AND AIR QUALITY DIVISION
One North University Drive, Suite 203, Plantation, Florida 33324
954-519-1260 • FAX 954-519-1495

NOTICE OF AIR POLLUTION PERMIT

ISSUED TO:

PERMITTEE:

Old Castle Retail, Inc. dba Bonsal American
Authorized Representative:
Mr. John Holloway, Plant Manager
Old Castle Retail, Inc. dba Bonsal American
1200 N.W. 18th Street
Pompano Beach, Florida 33069

AIRS ID NO: 0110038

Permit Number: 0110038-007-AC

Issue Date: November 7, 2013

Expiration Date: September 9, 2014

Facility Name: Old Castle Retail, Inc. dab Bonsai American is located at 1200 N.W. 18th Street, Pompano Beach, Broward County, Florida.

Project Description: Construction permit to replace the aggregate drying kiln, and remove the previous operating limit of 4,160 hours/year. Air emissions records and emission calculations demonstrate emissions well below the permitted SO2 emissions limit and the major source (Title V) threshold. SIC Code: 3272. NAICS Code: 327390.

Lat/Long: 26°15'36" N / 80°08'09"

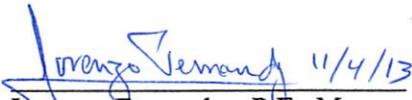
UTM: Zone 17; 586.3 Km. E; 2904.2 Km. N

Statement of Basis: This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) Florida Administrative Code (F.A.C.) Rules 62-4 and 62-210 through 62-297 (permitting requirements) and Broward County Code, Chapter 27 (emission limitations) and in conformance with all existing regulations of the Florida Department of Environmental Protection (FDEP). 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 Broward County Pollution Prevention, Remediation and Air Quality Division (PPRAQD) and made a part hereof.

This permit is organized by the following sections.

- 1. Facility Description
- 2. General Conditions
- 3. Facility-wide Conditions
- 4. Emissions Unit Specific Conditions

Executed in Broward County, Florida


Lorenzo Fernandez, P.E., Manager

Environmental Assessment, Remediation and Air Quality
Broward County Pollution Prevention, Remediation and Air Quality Division

NOTICE OF AIR POLLUTION PERMIT

ISSUED TO:

PERMIT NO: 0110038
Permit Number: 0110038-003-A
Issue Date: November 7, 2013
Expiration Date: September 9, 2014

PERMITTEE:
Old Castle Retail, Inc. (The Bonati American
Kitchenware Appliances)
Mr. John Holloway, Plant Manager
Old Castle Retail, Inc. (The Bonati American
1200 N.W. 18th Street
Pompano Beach, Florida 33064

Facility Name: Old Castle Retail, Inc. (The Bonati American) is located at 1200 N.W. 18th Street, Pompano
Beach, Broward County, Florida.

Project Description: Construction permit to replace the existing drying kiln and remove the previous
operating limit of 1.60 hours/year. Air emissions records and emission calculations demonstrate emissions will
below the permitted SO₂ emissions limit and the major source (Title V) threshold. SIC Code: 3371, NAICS
Code: 33790.

Latitude: 26°15'38" N / 80°08'09" W Elevation: 500.17 feet above sea level

Statement of Basis: This permit is issued under the provisions of Chapter 603, Florida Statutes (F.S.), Florida
Administrative Code (F.A.C.) Rules 60-1 and 60-210 through 60-299 (permitting requirements) and Broward
County Code (Chapter 27 (emission limitations) and in compliance with all existing regulations of the Florida
Department of Environmental Protection (FDEP). The above named Permittee is hereby authorized to perform
the work or operate the facility shown on the application and approved drawings, plans, and other documents
attached hereto or on file with the Broward County Pollution Prevention, Remediation and Air Quality Division
(PPRAD) and made a part hereof.

This permit is organized by the following sections:

1. Facility Description
2. General Conditions
3. Facility-wide Conditions
4. Emissions Unit Specific Conditions

Executed in Broward County, Florida

[Signature]
Lorenzo Hernandez, P.E., Manager
Environmental Assessment, Remediation and Air Quality
Broward County Pollution Prevention, Remediation and Air Quality Division

1. FACILITY DESCRIPTION

Old Castle Retail, Inc. dba Bonsal American operates a concrete mixing and bagging operation. There is also a grout line packing and mixing operation. The particulate matter emissions at the two grout lines are controlled by a baghouse; and the three grout mixers are controlled by another baghouse. There is a natural gas-fired aggregate kiln which is controlled by a baghouse. The kiln is manufactured by Carman Industries, Inc. It is a vibrating fluid bed processor system. This system has a feed rate of 80 tons/hour for mason sand and concrete rock. Its feed rate for rock is 50 tons/hour. The system is installed with a 22.0 MMBTU/hour direct-fired natural gas burner. The natural gas consumption is estimated to be 19.5 MMBTU/hour at 40 degree Fahrenheit with concrete sand at 80 tons/hour @ 7% inlet moisture; and a pulse jet continuous cleaning baghouse. Distillate oil is used as a backup fuel. There are also a few silos that store dried materials such are lime, mineral filler and sand. The particulate matter emissions at the silos are controlled by a baghouse, and each silo has its own baghouse.

This permit limits the sulfur dioxide (SO2) emissions to 95 tons per year, which makes this facility synthetically limited. The potential emission calculations and the annual operations report (AOR) show than even full use of the backup fuel of distillate oil for 8,760 hours/year, the SO2 emissions would not exceed the 95 tons per year limit, requested by the applicant, in the permit application received August 26, 1998. The facility requested to remove the emissions limitation of operating hours of 4,160 hours/year.

The facility consists of the following emissions units:

E.U. ID No.	Brief Description
001	One (1) 22.0 MMBTU/hr. direct-fired natural gas Carman vibrating fluid bed processor system aggregate drying kiln controlled by a baghouse. The feed rate for sand is 80 tons/hr. and for concrete rock is 50 tons/hr.
008	Nine (9) S-Line Storage Silos controlled by baghouse each: Cement Silos S1-601 and S1-603; Lime Silo S1-602, Mineral Filler Silo S1-604, Sand Silos S1-605, S1-606 and S1-607; and Inactive Sand Silos S1-608 and S1-609.
009	Grout Line Packing and Mixing Operations: Two (2) Grout Lines controlled by baghouse; Three (3) Grout Mixers controlled by baghouse each.

2. GENERAL CONDITIONS

1. Terms of Permit. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, F.S. The Permittee is placed on notice that the PPRAQD will review this permit periodically and may initiate enforcement action for any violation of these conditions.
[Rule 62-4.160 (1), F.A.C.]
2. Permit Validity. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the PPRAQD.
[Rule 62-4.160 (2), F.A.C.]

2. FACILITY DESCRIPTION

Old Castle Terminals, Inc. dba Bonnet Warehouse operates a concrete mixing and bagging operation. There is also a grain line bagging and mixing operation. The particulate matter emissions at the two grain lines are controlled by a baghouse and the three grain lines are controlled by another baghouse. There is a natural gas-fired aggregate silo which is controlled by a baghouse. The silo is maintained by Conman Industries, Inc. It is a vibrating fluid bed processor system. The system has a feed rate of 80 tons per hour for mass and and concrete rock. The feed rate for rock is 70 tons per hour. The system is installed with a 25.0 MMBTU/hr direct-fired natural gas burner. The natural gas consumption is estimated to be 0.9 MMBTU/hr at 40 degrees Fahrenheit with concrete sand at 80 tons per hour. The total material and a pulse jet continuous cleaning baghouse. Diesel oil is used as a backup fuel. There are also a few silos that store other materials such as lime, mineral filler and sand. The particulate matter emissions at the silos are controlled by a baghouse and each silo has its own baghouse.

This permit limits the sulfur dioxide (SO2) emissions to 45 tons per year, which makes this facility significantly exceed. The potential emission calculations and the annual emissions report (AER) show that even full use of the backup fuel of diesel oil for 8,700 hours per year the SO2 emissions would not exceed the 45 tons per year limit, a figure that is quoted by the applicant in the permit application received August 10, 1998. The facility requested to remove the emissions limitation of operating hours of 4,100 hours per year.

The facility consists of the following emissions units:

Unit ID	Unit Description
001	Unit (1) 25.0 MMBTU/hr direct-fired natural gas (vibrating fluid bed processor) and concrete bagging with 17 tons per hour bagging. The feed rate for sand is 80 tons per hour and the concrete rock is 70 tons per hour.
002	Unit (2) Natural Gas-fired aggregate silo controlled by baghouse. Silo 21 and 21-1001. Silo 21-1001, Silo 21-1002, Silo 21-1003 and Silo 21-1004.
003	Unit (3) Grain Line Bagging and Mixing Operation. Two (2) Grain Lines controlled by baghouse. Silo 21-1005 and Silo 21-1006.

3. GENERAL CONDITIONS

1. Terms of Permit. The terms, conditions, requirements, limitations and restrictions set forth in this permit are "permit conditions" and are binding and enforceable pursuant to Section 403.111, 403.227 or 403.229 through 403.261, 752. The permittee is placed on notice that the PRRAQD will review this permit periodically and may initiate enforcement action for any violation of these conditions. [Rule 62-4-100 (1), F.A.C.]

2. Permit Validity. This permit is valid only for the specific processes and operations depicted on and indicated in the approved drawings or exhibits. Any unauthorized deviation from the scope of drawings, exhibits, specifications or conditions of this permit may constitute grounds for revocation and enforcement action by the PRRAQD. [Rule 62-4-100 (2), F.A.C.]

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3. **Disclaimer.** As provided in subsections 403.087(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, or any violations of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other permit that may be required for other aspects of the total project which are not addressed in this permit.
[Rule 62-4.160 (3), F.A.C.]
 4. **Disclaimer.** This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interest have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
[Rule 62-4.160 (4), F.A.C.]
 5. **Liability.** This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the Permittee to cause pollution in contravention of Florida Statutes and FDEP rule, unless specifically authorized by an order from the PPRAQD.
[Rule 62-4.160 (5), F.A.C.]
 6. **Operation and Maintenance.** The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, as required by county and state rules. This provision included the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by PPRAQD and FDEP rules.
[Rule 62-4.160 (6), F.A.C.]
 7. **Onsite Inspection Activities.** The Permittee, by accepting this permit, specifically agrees to allow authorized PPRAQD personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times (depending on the nature of the concern being investigated), access to the premises where the permitted activity is located or conducted to:
 - (a) Have access to and copy any records that must be kept under conditions of the permit;
 - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
 - (c) Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or PPRAQD and FDEP rules.[Rule 62-4.160 (7), F.A.C.]
 8. **Notice of Noncompliance.** If, for any reason, the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately provide PPRAQD with the following information:
 - (a) A description of and cause of noncompliance; and
 - (b) The period of noncompliance, including dates and times, or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The Permittee shall be responsible for any enforcement action by PPRAQD for penalties or for revocation of this permit.[Rule 62-4.160 (8), F.A.C.]
 9. **Reporting Noncompliance.** The Permittee shall report any periods of noncompliance to the PPRAQD immediately by phone at 954-519-1499 or by Email at EPDHOTLINE@broward.org. This also applies when the period of non-compliance is first determined after normal business hours or on weekends and holidays.
[Rules 62-4.130 and 62-4.070(3), F.A.C.]

1. Liability - As provided in subsections 402.087(4) and 402.732(5), the issuance of this permit does not confer any vested rights or contract privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights or any violation of federal, state or local laws or regulations. This permit is not a waiver of or approval of any other permit that may be required for other aspects of the total project which are not addressed in this permit.
[Rule 62-4-100 (2) F.A.C.]

4. Recognition - This permit conveys no title to land or water, does not constitute state recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or easement interest have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express state opinion as to title.
[Rule 62-4-100 (4) F.A.C.]

5. Liability - This permit does not relieve the Permittee from liability for harm or injury to human health or welfare, animal or plant life, or property caused by the construction or operation of this permitted source or from practices therefor, nor does it allow the Permittee to cause pollution in construction of Florida Statutes and DFR rules, unless specifically authorized by an order from the BPRAD.
[Rule 62-4-100 (5) F.A.C.]

6. Operation and Maintenance - The Permittee shall properly operate and maintain the facility and systems of treatment and control (and related apparatuses) that are installed and used by the Permittee to achieve compliance with the conditions of this permit, as required by county and state rules. This provision included the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by BPRAD and DFR rules.
[Rule 62-4-100 (6) F.A.C.]

7. Open Accession Activities - The Permittee, by accepting this permit, specifically agrees to allow authorized BPRAD personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times (depending on the nature of the concern being investigated), access to the premises where the permitted activity is located or conducted for:
(a) Inspection and copy any records that must be kept under conditions of the permit;
(b) Inspect the facility, equipment, practices or operations regulated or required under this permit; and
(c) Sample or monitor any substance or parameter at any location reasonably necessary to assure compliance with this permit or BPRAD and DFR rules.
[Rule 62-4-100 (7) F.A.C.]

8. Notice of Noncompliance - If for any reason the Permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the Permittee shall immediately provide BPRAD with the following information:
(a) A description of and cause of non-compliance; and
(b) The period of non-compliance, including dates and times, or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance. The Permittee shall be responsible for any enforcement action by BPRAD for penalties or for revocation of this permit.
[Rule 62-4-100 (8) F.A.C.]

9. Reporting Noncompliance - The Permittee shall report any periods of non-compliance to the BPRAD immediately by phone at 904-215-1499 or by Email at BPRAD@FLHHS.gov. This also applies when the period of non-compliance is first determined after normal business hours or on weekends and holidays.
[Rules 62-4-130 and 62-4-030(2) F.A.C.]

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10. **Evidence Materials.** By accepting this permit, the Permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted facility or activity, that are submitted to the PPRAQD, may be used by the PPRAQD as evidence in any enforcement proceeding arising under the Florida Statutes or F.A.C. rules, except where such use is prohibited by Section 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.
[Rule 62-4.160 (9), F.A.C.]
 11. **Rule Changes.** The Permittee agrees to comply with changes in Florida Department of Environmental Protection rules and Florida Statutes after a reasonable time for compliance; provided, however, the Permittee does not waive any other rights granted by Florida Statutes or FDEP rules.
[Rule 62-4.160 (10), F.A.C.]
 12. **Permit Transfer.** This permit is transferable only upon PPRAQD approval in accordance with Rule 62-4.120 and 62-730.300 F.A.C., as applicable. The Permittee shall be liable for any non-compliance of the permitted activity until the transfer approved by the PPRAQD.
[Rule 62-4.160 (11), F.A.C.]
 13. **Work Site Copy.** This permit or a copy thereof shall be kept at the work site of the permitted activity.
[Rule 62-4.160 (12), F.A.C.]
 14. **Miscellaneous Compliance Requirements.** The Permittee shall comply with the following:
 - (a) Upon request, the Permittee shall furnish all records and plans required under FDEP rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the PPRAQD.
 - (b) The Permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recording for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by PPRAQD rule.
 - (c) Records of monitoring information shall include:
 1. The date, exact place, and time of sampling or measurements;
 2. The person responsible for performing the sampling or measurements;
 3. The dates analyses were performed.
 4. The person responsible for performing the analyses;
 5. The analytical techniques or methods used;
 6. The results of such analyses.
[Rule 62-4.160 (14), F.A.C.]
 15. **Information Submittal.** When requested by the PPRAQD, the Permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the Permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the PPRAQD, such facts or information shall be corrected promptly.
[Rule 62-4.160 (15), F.A.C.]
 16. **Rules Adoption.** Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, as amended, are adopted by Broward County Code, Sec. 27-173.
[Broward County Code, Sec. 27-173]

3. FACILITY-WIDE CONDITIONS

17. **Unconfined Emissions of Particulate Matter.** No person shall cause, let, permit, suffer, or allow the emissions of particulate matter, from any source whatsoever, including but not limited to vehicular movement, transportation of materials, construction, alteration, demolition or wrecking, or industrial related activities such as loading, unloading, storing, handling, without taking reasonable precautions.

Reasonable Precautions to Control Particulate Matter:

Reasonable precautions may include but shall not be limited to the following.

- (1) Paving and maintenance of roads, parking areas and yards.
- (2) Application of water to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
- (3) Application of asphalt, water or other dust suppressants to unpaved roads, yards, open stock piles and similar sources.
- (4) Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the source to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- (5) Landscaping or planting of vegetation.
- (6) Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
- (7) Confining abrasive blasting where possible.
- (8) Enclosure or covering of conveyor systems

[Rule 62-296.320(4) (c), F.A.C.; Broward County Code, Sec. 27-177(b)]

18. **Concealment.** No person shall build, erect, install, or use any article, machine, equipment or other contrivance, the use of which will conceal any emission which would otherwise constitute a violation of any provisions of Broward County Codes.

[Rule 62-4.070(3), F.A.C. and Broward County Code, Sec. 27-175(b)]

19. **Circumvention.** No person shall circumvent any air pollution device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650 F.A.C and Broward County Code, Sec. 27-175(c)]

20. **Maintenance.** No person shall operate any air pollution control equipment or systems without proper and sufficient maintenance to assure compliance with Broward County Codes.

21. **Special Compliance Tests.** When PPRAQD, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a PPRAQD rule 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 PPRAQD.

[Rule 62-297.310(7) (b), F.A.C.]

22. **Objectionable Odor.** 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. and Broward County Code, Sec. 27-175(e)]

- 23. Volatile Organic Compound Emissions or Organic Solvent 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 PPRAQ.
[Rule 62-296.320(1), F.A.C. and Broward County Code, Sec. 27-175(f)]
- 24. Operating Permit. Sixty days before the expiration date of this construction permit, the permittee shall apply for a renewal of permit using the forms incorporated by reference in the specific rule chapter for this type of permit.
[Rule 62-4.090 F.A.C.]
{Permitting Note: The permittee may also elect to submit the application electronically using the Electronic Permit Submittal and Processing system (EPSAP) via the <http://www.dep.state.fl.us/air/emission/epsap/default.htm> website, along with the processing fee established in Rule 62-4.050(4), F.A.C. , [62-4.090(1) and 62-4.050(4), F.A.C.
- 25. Annual Operation Report (AOR). The AOR shall be submitted to the PPRAQD by April 1 of the following year. If the permittee elects to use FDEP’s electronic annual operation report software (EAOR), the report must be submitted directly to FDEP and there is no requirement to submit a copy to PPRAQD.
[Rule 62-210.370(3), F.A.C.]
{Permitting Note. Information on the EAOR submittal is available at <http://www.dep.state.fl.us/air/emission/eaor/default.htm>}

4. EMISSIONS UNIT SPECIFIC CONDITIONS

Subsection A. This section addresses the following emissions units.

E.U. ID No.	Description of Emissions Unit
001	One (1) 22.0 MMBTU/hr. direct-fired natural gas Carman vibrating fluid bed processor system aggregate drying kiln controlled by a baghouse. The feed rate for sand is 80 tons/hr. and for concrete rock is 50 tons/hr.
008	Nine (9) S-Line Storage Silos controlled by baghouse each: Cement Silos S1-601 and S1-603; Lime Silo S1-602, Mineral Filler Silo S1-604, Sand Silos S1-605, S1-606 and S1-607; and Inactive Sand Silos S1-608 and S1-609.
009	Grout Line Packing and Mixing Operations: Two (2) Grout Lines controlled by baghouse; Three (3) Grout Mixers controlled by baghouse each.

Specific Conditions

Emission Limiting Standards

- 26. Particulate Matter Emission Standard: No person shall cause, let, permit, suffer or allow the emission of particulate matter through a stack or vent, from any emissions unit subject to this rule in total quantities in excess of the amount shown in Table 296.320-1. This condition applies to EU#001. Interpolation and extrapolation of the data for process weight rates in excess of 30 tons per hour shall be accomplished by use of the following equation:

$E = 17.31P^{0.16}$, where P is greater than 30 tons per hour, E is emissions in pounds per hour and P is process weight rate in tons per hour. **For P = 100 tons per hour, E = 36.16 pounds per hour.**

23. Volatile Organic Compound Emissions or Odors from Equipment: 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 PRRAD. [Rule 63-206.230(1) F.A.C. and Ground County Code Sec. 23-173(f)]
24. Permitting Permit: Sixty days before the expiration date of this construction permit, the permittee shall apply for a renewal of permit using the forms and procedures set forth in the specific rule chapter for the type of permit. [Rule 63-4-000 F.A.C.]
- Permitting Note: The permittee may also elect to submit the application electronically using the Electronic Permit Submittal and Processing System (EPSAPS) via the Internet along with the processing fee established in Rule 63-4-000(4) F.A.C., (63-4-000(5)) and 63-4-000(6) F.A.C.
25. Annual Operation Report (AOR): The AOR shall be submitted to the PRRAD by April 1 of the following year. If the permittee elects to use PRRAD's electronic annual operation report software (EAOR), the report must be submitted directly to PRRAD and there is no requirement to submit a copy to PRRAD/D. [Rule 63-4-000(7) F.A.C.]
- Permitting Note: Information on the EAOR software is available at the PRRAD website: www.prrad.com

4. EMISSIONS UNIT SPECIFIC CONDITIONS

Subsection A. This section addresses the following emissions units:

Unit ID No.	Description of Emissions Unit
001	One (1) 250 HP In-Line Diesel Engine with an emission control system rated for 20 tons per hour and 21-22 lbs of particulates per hour. The engine is controlled by a programmable logic controller (PLC) and is located in the engine room.
002	Two (2) 250 HP In-Line Diesel Engines with an emission control system rated for 20 tons per hour and 21-22 lbs of particulates per hour. The engines are controlled by a programmable logic controller (PLC) and are located in the engine room.
003	Three (3) 250 HP In-Line Diesel Engines with an emission control system rated for 20 tons per hour and 21-22 lbs of particulates per hour. The engines are controlled by a programmable logic controller (PLC) and are located in the engine room.

Specific Conditions

Emission Limiting Standards

26. Particulate Matter Emission Standard: No person shall cause, let, permit, suffer or allow the emission of particulate matter through a stack or vent, from any emissions unit subject to this rule in total quantity in excess of the amount shown in Table 206.230-1. This condition applies to EPA001. Inadequation and extrapolation of the data for process weight rates in excess of 50 tons per hour shall be accomplished by use of the following equation:

$$E = 1.731P^2 \text{ where } P \text{ is greater than } 50 \text{ tons per hour. } E \text{ is emissions in pounds per hour and } P \text{ is process weight rate in tons per hour. For } P = 100 \text{ tons per hour, } E = 173.16 \text{ pounds per hour.}$$

[Rule 62-296.320(4)(a)(2), F.A.C.]

- 27. **Allowable Fuel:** The fuel used shall be limited to natural gas with No. 2 fuel oil as back up fuel. This condition applies to EU#001.
[Rule 62-4.070(3), F.A.C. and applications received August 26, 1998, October 15, 2003 and August 8, 2008].
- 28. Emissions from silos, weigh hoppers (batchers), mixers and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 percent opacity. This condition applies to the building enclosing baghouses, conveyors, silos, mixers and EU#001.
[Rule 62-296.414(1), F.A.C.]
- 29. Total sulfur dioxide (SO₂) emissions shall be limited to 95 tons in any consecutive twelve-month period.
[Rule 62-4.070(3) and 62-210.300(2)(b), F.A.C. and permit application received August 26, 1998]

Compliance Testing Requirements

- 30. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emission unit shall have a formal compliance test conducted for visible emissions as follows:

The compliance test report shall include test results for the following methods:

<u>Source/ Emission Point</u>	<u>Pollutant</u>	<u>Test Method</u>	<u>Frequency</u>
Aggregate Drying Kiln Baghouse (EU#001)	Visible Emissions	EPA Method 9*	Every fiscal year
	Particulate Matter	EPA Method 5	Every fiscal year
	Sulfur Dioxide	EPA Method 6C	**
Baghouses/Silos (EU#008 and EU#009)	Visible Emissions	EPA Method 9*	Every fiscal year

* Each emission unit shall be tested in accordance with EPA Method 9 for thirty (30) minutes and the observation period shall include the period during which the highest opacity emissions are expected to occur.
[Rule 62-297.310(4)(a)2., and Rule 62-297.310(7)(a)4.a, F.A.C.]

** This test shall be conducted if EU#001 burns No. 2 fuel oil for 400 hours or more during any fiscal year.
[Rule 62-297.310(7)(a)4., F.A.C.]

- 31. Testing of visible emissions shall be conducted with emission unit(s) operating at permitted capacity. If it is impracticable to test at permitted capacity, an emission unit may be tested at less than the minimum permitted capacity; in this case, subsequent emission unit operation is limited to 110 percent of the test load until a new test is conducted. 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 the authority to operate at the permitted capacity.
[Rule 62-297.310(2), F.A.C.]

Notification requirements

- 32. The owner or operator shall notify the PPRAQD at least 15 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

[Rule 63-207.310(v)(2), F.A.C.]

27. Alternative Fuel: The fuel used shall be limited to natural gas with No. 2 fuel oil as back up fuel. This condition applies to EUM001. [Rule 63-4.030(2), F.A.C. and applications received August 26, 1998, October 15, 2003 and August 8, 2004.]

28. Emissions from sites, weigh hoppers (bins), mixers and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 3 percent opacity. This condition applies to the building enclosing hoppers, conveyors, mixers and EUM001. [Rule 63-207.310(v), F.A.C.]

29. Total sulfur dioxide (SO₂) emissions shall be limited to 9.5 tons in any consecutive twelve-month period. [Rule 63-4.030(3) and 63-210.300(2)(B), F.A.C. and permit application received August 26, 1998.]

Compliance Testing Requirements

30. During each fiscal year (October 1 - September 30) unless otherwise specified by rule, order or permit, the owner or operator of each emission unit shall have a formal compliance test conducted for visible emissions as follows:

The compliance test report shall include test results for the following methods:

Frequency	Test Method	Substance	Standard Emission Limit
Every fiscal year	EPA Method 9	Visible Emissions	Aggregate Rating 3.0 (opacity) (EUM001)
Every fiscal year	EPA Method 5	Particulate Matter	
Every fiscal year	EPA Method 6C	Sulfur Dioxide	
Every fiscal year	EPA Method 9	Visible Emissions	Baghouse variables (EUM002 and EUM003)

Each emission unit shall be tested in accordance with EPA Method 9 for thirty (30) minutes and the observation period shall include the period during which the highest opacity emissions are expected to occur.

[Rule 63-207.310(v)(3), and Rule 63-207.310(v)(4), F.A.C.]

* This test shall be conducted if EUM001 burns No. 2 fuel oil for 400 hours or more during any fiscal year. [Rule 63-207.310(v)(4), F.A.C.]

31. Testing of visible emissions shall be conducted with emission units operating at permitted capacity. If it is impracticable to test at permitted capacity, an emission unit may be tested at less than the minimum permitted capacity in this case, subsequent emission unit operation is limited to 110 percent of the test load until a new test is conducted. 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 the authority to operate at the permitted capacity. [Rule 63-207.310(v), F.A.C.]

Notification Requirements

32. The owner or operator shall notify the PERAED at least 15 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 for the owner or operator.
[Rule 62-297.310(7)(a)9., F.A.C.]

Recordkeeping and Reporting Requirements

33. The permittee shall provide reasonable assurance that the facility is maintaining synthetic non-Title V status by retaining records of the fuel delivery certification from the fuel supplier, amount of No. 2 fuel oil burned, number of hours the fuel burning equipment is operating using No. 2 fuel, and sulfur content of fuel. The facility shall calculate and keep SO₂ emissions records on a weekly basis during burning of fuel oil No. 2 and keep records of the twelve-month rolling average basis to demonstrate compliance with Specific Condition #29. The highest total of the twelve-month rolling average SO₂ records of emissions shall be attached to the Annual Operation Report.
[Rule 62-4.070(3) and Rule 62-210.300(2)(b), F.A.C.]
34. Copies of all compliance reports, tests, notifications or other submittals required by this permit shall be submitted to the PPRAQD, as soon as practical but no later than forty-five (45) days after the last test is completed.
[Rule 62-297.310(8)(b), F.A.C.]