FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

Southwest District Office
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926

RICK SCOTT
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LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

FINAL PERMIT

PERMITTEE

Vitality Foodservice, Inc.
37824 Vitality Way
Dade City, Florida 33523

Authorized Representative:
Mr. Scott Ribble, Plant Manager

Air Permit No. 1010002-012-AF
Permit Expires: 05/09/2019
Federally Enforceable State Operation Permit (FESOP)
FESOP Renewal

This is the final permit to renew Air Operation Permit No. 1010002-011-AF for a coffee roasting facility at the Dade City Coffee Plant (Standard Industrial Classification No. 2951). The facility is located in Pasco County at 15000 U.S. Highway in Dade City, Florida. The UTM coordinates are Zone 17, 383.53 km East, and 3139.64 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements and Facility-wide Specific Conditions

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

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

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57, F.S. Petitions filed by the applicant or any of the parties listed below must be filed within 14 days of receipt of this final permit. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. A petition for administrative hearing must contain the information set forth below and must be filed (received) with the Agency Clerk in the Office of General Counsel, 3900 Commonwealth Boulevard, MS 35, Tallahassee, Florida 32399-3000, Agency.Clerk@dep.state.fl.us, before the deadline. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention (in a proceeding initiated by another party) will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Permitting Authority's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, any email address, telephone number and any facsimile number of the petitioner; the name, address, any email address, telephone number, and any facsimile number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of when and how each petitioner received notice of the agency action or proposed decision; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise

statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action including an explanation of how the alleged facts relate to the specific rules or statutes; and, (g) A statement of the relief sought by the petitioner, stating precisely the action the petitioner wishes the agency to take with respect to the agency's proposed action. A petition that does not dispute the material facts upon which the Permitting Authority's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Permitting Authority's final action may be different from the position taken by it in this final permit. Persons whose substantial interests will be affected by any such final decision of the Permitting Authority on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate district court of appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Hillsborough County, Florida

Kelley M. Boatwright

Kelley M. Boatwright
District Air Program Administrator
Southwest District

05/09/2014
Effective Date

CERTIFICATE OF SERVICE

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

Mr. Scott Ribble, Plant Manager, Vitality Foodservice, Inc. (SRibble@vitalityinc.com)

Ms. Veronica N. Sgro, P.E., Koogler & Associates, Inc. (vsgro@kooglerassociates.com)

Mr. Erin DiBacco, SWD Compliance Assurance Program Team Leader Manager (Erin.DiBacco@dep.state.fl.us)

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.

Rhonda Hughes 5/9/2014

(Clerk) (Date)

FACILITY AND PROJECT DESCRIPTION

Existing Facility

The Vitality Foodservice, Inc., Dade City Coffee plant is a coffee roasting facility equipped with coffee roasters, bean coolers, and extractors.

The existing facility consists of the following emissions units (EUs).

Facility ID No. 1010002

EU ID No.	Emissions Unit Description
026	Coffee Roaster Fired on Coffee Line No. 1 (NG-fired)
032	Bean Cooler on Coffee Line No. 1
033	Extractor on Coffee Line No.1
034	Coffee Roaster Fired on Coffee Line No. 2 (NG-fired)
035	Bean Cooler on Coffee Line No. 2
036	Extractor on Coffee Line No. 2

Exempt Emission Sources/Activities

- Process steam for this facility is provided by a 200 HP Johnson Model 518-AG natural gas fired boiler which has a maximum heat input capacity of 8.4 MMBtu/hour. This boiler is exempt from air permitting in accordance with the categorical exemption contained in Rule 62-210.300(3)(a)33., F.A.C. (fossil fuel fired steam generators with a capacity less than 10 MMBtu/hour burning natural gas only).

FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAPs).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic non-Title V source for particulate matter less than 10 micrometers in diameter (PM_{10}). The emission limitations and the restriction on the amount of material processed in this permit will ensure that the facility's PM_{10} emissions will be below the threshold for a Title V source.

PERMIT HISTORY/AFFECTED PERMITS

This permit replaces Operation Permit No. 1010002-011-AF.

ADMINISTRATIVE REQUIREMENTS

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

Florida Department of Environmental Protection
Southwest District Office
Air Permitting Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

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

2. Compliance Authority - The compliance authority for this project is the Florida Department of Environmental Protection (Department), Southwest District Office's Compliance Assurance Program. The mailing address and phone number is:

Florida Department of Environmental Protection
Southwest District Office
Compliance Assurance Program
13051 North Telecom Parkway
Temple Terrace, Florida 33637-0926
Telephone: 813-470-5700

All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the above address.

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

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

b. Appendix B. General Conditions;

c. Appendix C. Common Conditions; and

d. Appendix D. Common Testing Requirements.

4. Applicable Regulations, Forms and Application Procedures - Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.

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

6. Modifications - Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the

facility without obtaining prior authorization from the Department. Modification is defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.
[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Annual Operating Report - On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.
[Rule 62-210.370(3), F.A.C.]

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

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

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

c. copies of the most recent compliance test reports required by Specific Condition No. 18, if not previously submitted; and

d. copies of the most recent month of records/logs specified in Specific Condition No. 17.

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

FACILITY-WIDE SPECIFIC CONDITIONS

PERFORMANCE RESTRICTIONS

9. Permitted Operating Hours - The emissions units at this facility are permitted for continuous operation (i.e., permitted for 8,760 hours/year).
[Construction Permit No. 1010002-007-AC]

EMISSIONS STANDARDS

10. Circumvention of Control Equipment and Cyclone Visible Emission Limitation - The permittee shall not circumvent any air pollution control device or allow the emissions of air pollutants without the applicable air pollution control devices (cyclones) operating properly. In order to insure proper operation, and to show compliance with the particulate matter (PM) limitations per Specific Conditions Nos. A.3., B.1., and C.2. in lieu of PM testing*, visible emissions from each of the cyclones (5) shall not exceed 5% opacity**.

(Permitting Note - Previous Construction and FESOP Permits 1010002-002-007-AC and 1010002-006-AF included a provision that if, during the compliance tests conducted in the year 2000, a visible emission test was conducted concurrently with each run of a cyclone's particulate matter test, and the particulate matter test results were less than 80% of the associated allowable particulate matter emission limitation and the visible emission test results are 5% or less, then the Department would grant that in lieu of future particulate matter stack testing for that cyclone, visible emissions shall not exceed 5% opacity. These tests were conducted on 5/3 and 5/4/00 and the requirements were met for all of the*

cyclones, thereby establishing the alternate 5% visible emissions standard for each of the coffee roaster lines cyclones. (ASP Note: The Department considers that such a demonstration as required by the previous facility permit re-validates the Alternate Sampling Procedures (ASP) (OGC File No. 90-0821) dated May 23, 1990 for Coffee Roasting Line No. 2.))

*(** Compliance Note - If the presence of any uncombined water or condensed volatile organic compounds (VOC) is the only reason for failure to meet the visible emission standard given in this condition, such failure shall not be a violation of this permit condition.)*

[Rule 62-210.650, F.A.C.; Construction Permit No. 1010002-007-AC]

COMPLIANCE TESTING REQUIREMENTS

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

12. Compliance Test Method - Required compliance tests shall be performed in accordance with the following reference method.

Method	Description of Method and Comments
EPA 9	Visual Determination of the Opacity of Emissions from Stationary Sources

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

13. Coffee Roaster Line Cyclones VE Testing - The coffee roasting line's cyclones (5) (EU's 026, 032-036) shall each be tested for visible emissions (VE) annually during each federal fiscal year (i.e., between October 1 - September 30 of each year).
[Rules 62-297.310(7), and 62-4.070(3), F.A.C.]

14. Operation of Coffee Roasting Lines During Testing - Testing of emissions from each of the coffee roasting line cyclones shall be conducted during continuous operation of the line at a rate within 90 - 100% of the 900 pounds/hour maximum permitted input rate of coffee beans to the roaster, if feasible. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the maximum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test rate 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.; Construction Permit No. 1010002-007-AC]

NOTIFICATION REQUIREMENTS

15. Test Notification - The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. The notification must include the following information: the date, time, and location of each test; the name and telephone number of the facility's contact person who will be responsible for coordinating the test; and the name, company, and the telephone number of the person conducting the test.

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

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

RECORDKEEPING AND REPORTING REQUIREMENTS

16. Compliance Test Reports - The permittee shall prepare and submit reports for all required compliance tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(8), F.A.C.]

17. Coffee Roaster Line Process Rate Records - In order to document compliance with the maximum permitted roaster process input rate limits of Specific Condition No. A.2., the permittee shall maintain for each coffee roasting line the following records:

DAILY

a. identification of the coffee roasting line, and date of record;

b. the roaster's daily hours of operation (hours);

c. the total daily quantity of coffee beans input to the roaster (pounds);

d. the average daily coffee bean input rate to the roaster in pounds/hour based on b. and c. above;

MONTHLY

e. identification of the coffee roasting line, and month of record;

f. the monthly total quantity of coffee beans input to the roaster in tons; and

g. the total quantity of coffee beans to the roaster for the most recent consecutive 12-month period in tons (tons/12-consecutive month period).

Daily records shall be completed by the next business day, and monthly records shall be completed no later than 15 days after the end of the month. These records shall be retained on site in a permanent form suitable for inspection by the Department upon request, and shall be retained for at least the most recent three (3) year period.

[Rule 62-4.070(3), F.A.C.; Construction Permit No. 1010002-007-AC]

18. Test Reports - The permittee of an air pollution emissions unit, for which compliance tests are required, shall file a report with the Air Compliance Section of the Department's Southwest District Office on the results of each such test. The required test report shall be filed with the Department as soon as practical, but no later than 45 days after each test is completed. The test report submittal shall meet all applicable requirements of Chapter 62-297, F.A.C. In addition, the reports shall include the following:

a. identification of the coffee roasting line and cyclone being tested (i.e., equipment description and E.U. No.);

b. the maximum input rate of coffee beans to the roaster (lbs/hour) during the test period;

c. a copy of the daily Coffee Roaster Process Rate Records log *(see Specific Condition No. 17)* for the day the test was conducted; and

d. a copy of the monthly Coffee Roaster Process Rate Records *(see Specific Condition No. 17)* for the calendar month the test was conducted.

Failure to include the above information with the test report, or operating at conditions which do not reflect the normal operating conditions, may invalidate the test.

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

A. EU Nos. 026 and 034 – Coffee Roasters

This section of the permit addresses the following emissions units (EUs).

EU ID No.	Emissions Unit Description
026	Coffee Roaster Fired on Coffee Line No. 1 (NG-fired) – The coffee roaster on Coffee Line No. 1 is only fired with natural gas at a maximum heat input rate of 1.0 MMBTU/hour. The maximum input rate of coffee beans to this roaster is 900 pounds/hour (3 batches/hour where 1 batch equals approx. 300 pounds) and 3,285 tons per any consecutive 12-month period. Particulate emissions from this roaster are controlled by its own cyclone.
034	Coffee Roaster Fired on Coffee Line No. 2 (NG-fired) – The coffee roaster on Coffee Line No. 2 is only fired with natural gas at a maximum heat input rate of 1.0 MMBTU/hour. The maximum input rate of coffee beans to this roaster is 900 pounds/hour (3 batches/hour where 1 batch equals approx. 300 pounds) and 3,285 tons per any consecutive 12-month period. Particulate emissions from this roaster are controlled by its own cyclone.

(Permitting Note: Although each coffee roasting line normally functions as a continuous line, each cooler transfers the coffee beans to a common bank of 4 storage bins each capable of holding approximately 10 tons of beans before transferring the beans to the extractors.)

PERFORMANCE RESTRICTIONS

A.1. Authorized Fuel - The coffee roasters (EU Nos. 026 and 034) shall be fired only with natural gas.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010002-007-AC]

A.2. Maximum Process Rate - The process rate for each coffee roasting line is limited as shown below:

a. The maximum input rate of coffee beans to each roaster (EU's 026 and 034) shall not exceed 900 pounds per hour on a daily average basis. (Note: This maximum rate is based on 3 batches/hour where 1 batch equals approximately 300 pounds.)

(Compliance Testing Note: The 900 lbs./hr. input rate limitation for each roaster will be used as that line's cooler's and extractor's permitted capacity for testing purposes, since the 3 emission points per line function, for all practical purposes, as a continuous line.)

b. The total input rate of coffee beans to each roaster shall not exceed 3,285 tons per any consecutive 12-month period.

[Rule 62-210.200 (potential to Emit), F.A.C.; Construction Permit No. 1010002-007-AC]

EMISSIONS STANDARD

A.3. Particulate Matter Emissions Limitation – Particulate Matter (PM) emissions from the coffee roasters for Coffee Line No. 1 and Coffee Line No. 2 shall not exceed 2.19 pounds per hour or 8.5 tons per any consecutive 12-month period for each roaster.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010002-007-AC]

(Compliance Note: Compliance with the above PM limitations will be documented by demonstrating compliance with a VE limitation of 5% opacity (see Specific Condition No. 10.).)*

B. EU Nos. 032 and 035 – Bean Coolers

This section of the permit addresses the following emissions units (EUs).

EU ID No.	Emissions Unit Description
032	Bean Cooler on Coffee Line No. 1 - Based on the 900 pounds/hour input rate of coffee beans to the roaster on Coffee Line No.1, the expected input rate of roasted coffee beans to this cooler is 758 pounds/hour and 2,803 tons per any consecutive 12 month period. Particulate emissions from this cooler are controlled by its own cyclone.
035	Bean Cooler on Coffee Line No. 2 - Based on the 900 pounds/hour input rate of coffee beans to the roaster on Coffee Line No. 2, the expected input rate of roasted coffee beans to this cooler is 758 pounds/hour and 2,803 tons per any consecutive 12 month period. Particulate emissions from this cooler are controlled by its own cyclone.

(Permitting Note: Although each coffee roasting line normally functions as a continuous line, each cooler transfers the coffee beans to a common bank of 4 storage bins each capable of holding approximately 10 tons of beans before transferring the beans to the extractors.)

EMISSIONS STANDARD

B.1. Particulate Matter Emissions Limitation – Particulate Matter (PM) emissions from the coffee bean coolers for Coffee Line No. 1 and Coffee Line No. 2 shall not exceed 1.98 pounds per hour or 7.8 tons per any consecutive 12-month period for each bean cooler.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010002-007-AC]

(Compliance Note: Compliance with the above PM limitations will be documented by demonstrating compliance with a VE limitation of 5% opacity (see Specific Condition No.10.).)*

C. EU Nos. 033 and 036 - Extractors

This section of the permit addresses the following emissions units (EUs).

EU ID No.	Emissions Unit Description
033	Extractor on Coffee Line No. 1 - The maximum input rate of cooled coffee beans to this extractor is 900 pounds/hour and 2,803 tons per any consecutive 12-month period. Particulate emissions from each extractor are controlled by a common cyclone. Simultaneous extractor blows from the extractors on Coffee Lines No. 1 and No. 2 to the common cyclone are prohibited.
036	Extractor on Coffee Line No. 1 - The maximum input rate of cooled coffee beans to this extractor is 900 pounds/hour and 2,803 tons per any consecutive 12-month period. Particulate emissions from each extractor are controlled by a common cyclone. Simultaneous extractor blows from the extractors on Coffee Lines No. 1 and No. 2 to the common cyclone are prohibited.

(Permitting Note: Although each coffee roasting line normally functions as a continuous line, each cooler transfers the coffee beans to a common bank of 4 storage bins each capable of holding approximately 10 tons of beans before transferring the beans to the extractors.)

PERFORMANCE RESTRICTION

C.1. Extractor Operating Limitations - Simultaneous extractor blows from the extractors on Coffee Lines No. 1 and No. 2 (EU's No. 033 and 036) to the extractors' common cyclone are prohibited.

[Rule 62-4.070(3), F.A. C.; Construction Permit No. 1010002-007-AC]

EMISSIONS STANDARD

C.2. Particulate Matter Emissions Limitation – Particulate Matter (PM) emissions from the extractors for Coffee Line No. 1 and Coffee Line No. 2 shall not exceed 2.19 pounds per hour or 8.5 tons per any consecutive 12-month period as a combined total for both line extractors.
[Rule 62-210.200 (Potential to Emit), F.A.C.; Construction Permit No. 1010002-007-AC]

(Compliance Note: Compliance with the above PM limitations will be documented by demonstrating compliance with a VE limitation of 5% opacity (see Specific Condition No. 10.).)*