FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

NORTHEAST DISTRICT
8800 BAYMEADOWS WAY WEST, SUITE 100
JACKSONVILLE, FLORIDA 32256

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LIT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

Permittee:
Kraft Foods Group, Inc., Maxwell House Coffee
735 East Bay Street
Jacksonville, FL 32202

Air Permit No.: 0310004-025-AC
Issue Date: July 22, 2014
Permit Expires: July 22, 2015
Facility ID No.: 0310004
SIC No(s).: 20
Project: Gevalia and Tassimo Roasted Bean Processing Systems Modification

This is the final air construction permit which authorizes the modification of the Gevalia and Tassimo Roasted Bean Processing Systems which includes the addition of Emission Unit No. 562 for the installation of three Decaff Bins each controlled by a Farr Gold Series 2 Bin Vent Filter for the storage of Gevalia decaffeinated green beans, the addition of Emission Unit No. 563 for the installation of a Green Silo Decaff #5 and a Farr Gold Series 2 Dust Collector for the storage of Gevalia decaffeinated green beans, the addition of Emissions Unit No. 564 for the installation of a Green Silo Caff #4 and a Farr Gold Series 2 Dust Collector for the storage of Gevalia or Tassimo caffeinated green beans, and the addition of Emission Unit No. 565 for the installation of two Probat Premium Destoners and a Farr Gold Series 12SQ Baghouse for the handling of roasted Gevalia/Tassimo beans.

This work will occur at the Kraft Foods Group, Inc., Maxwell House Coffee facility which produces roasted coffee with batch roasters.

This facility is located at 735 East Bay Street, Jacksonville, Duval County, FL; UTM Coordinates: Zone 17, 437.54 km East and 3354.71 km North; Latitude: 30° 19’ 27” North and Longitude: 81° 38’ 53” West.

As noted in the Final Determination provided with this final permit, only minor changes and clarifications were made to the draft permit.

This final permit is organized by the following sections.

Section 1. General Information

Section 2. Administrative Requirements

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

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

This air pollution construction 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. This project is subject to the general preconstruction review requirements in Rule 62-212.300, F.A.C. and is not subject to the preconstruction review requirements or major stationary sources in Rule 62-212.400, F.A.C. for the Prevention of Significant Deterioration (PSD) of Air Quality.

Upon issuance of this final permit, 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 (Mail Station #35, 3900 Commonwealth Boulevard, 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 30 days after this order is filed with the clerk of the Department.

Executed in Jacksonville, Florida

Richard S. Rachal III, P.G.
Program Administrator
Waste and Air Resource Management Program

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Determination and Final Permit) 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 **July 22, 2014** to the persons listed below.

Jay Waryold, Kraft Foods Group, Inc.: jwaryold@kraftfoods.com
Rick Brimo, Kraft Foods Group, Inc.: RBrimo@kraft.com
Stephen Alexander, P.E., Whitmer Environmental Services, Inc.: steveair57@yahoo.com
George Whitmer, Whitmer Environmental Services, Inc.: george@whitmerenv.com

Clerk Stamp

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

(Clerk) July 22, 2014

Facility/Project Description

Kraft Foods Group, Inc., Maxwell House Coffee produces roasted coffee with batch roasters. The facility consists essentially of material handling, cleaning, roasting, cooling, grinding, and packaging operations.

Proposed Project

The purpose of this permit is to authorize the modification of the Gevalia and Tassimo Roasted Bean Processing Systems which includes the addition of Emission Unit No. 562 for the installation of three Decaff Bins each controlled by a Farr Gold Series 2 Bin Vent Filter for the storage of Gevalia decaffeinated green beans, the addition of Emission Unit No. 563 for the installation of a Green Silo Decaff #5 and a Camfil Farr Gold Series 2 Dust Collector for the storage of Gevalia decaffeinated green beans, the addition of Emissions Unit No. 564 for the installation of a Green Silo Caff #4 and a Camfil Farr Gold Series 2 Dust Collector for the storage of Gevalia or Tassimo caffeinated green beans, and the addition of Emission Unit No. 565 for the installation of two Probat Premium Destoners and a Farr Gold Series 12SQ Baghouse for the handling of roasted Gevalia/Tassimo beans.

The following emissions units will be added to the facility as a result of this project:

Facility ID No. 0310004

ID No.	Emission Unit Description
562	(3) Decaff Bins each controlled with a Bin Vent Filter
563	Green Silo Decaff #5 controlled with Dust Collector
564	Green Silo Caff #4 controlled with Dust Collector
565	(2) Probat Premium Destoners controlled with a Baghouse

EU-562: (3) Decaff Bins: Premium decaffeinated Gevalia green beans are delivered into the plant in superbags. The superbags are transported by fork lifts and dumped into hoppers where they are pneumatically conveyed to one of three decaff bins. The control device on each bin is a Farr GS2 Bin Vent Filter. The conveyor is design limited to a single blower and therefore can service only one of the three bins at any given time.

EU-563: Green Silo Decaff #5: Premium decaffeinated Gevalia green beans are conveyed from the Decaff Bins (EU- 562) to the Green Silo Decaff #5 where they are stored until they are conveyed to the roasters for further processing. The control device is a Camfil Farr GS2 Dust Collection System.

EU-564: Green Silo Caff #4: Premium caffeinated Gevalia and Tassimo beans green beans are conveyed from the either the Gevalia Green Bins or the Tassimo Green Bins to the Green Silo Caff #4 where they are stored until they are conveyed to the roasters for further processing. The control device is a Camfil Farr GS2 Dust Collection System.

EU-565: (2) Probat Premium Destoners: Two (2) new destoners will be installed to remove stones and other waste that were not removed by the initial cleaning process, from the roasted Gevalia and/or Tassimo beans. The destoners use air to "float" the beans causing the *stones* or *heavies* to drop out. The coffee beans are then directed to the Premium Whole Roasted Bean Silos Nos. 1 -8 for storage until they are conveyed for further processing. The emissions from both destoners will be controlled by a single Farr Gold Series 12SQ Standard Baghouse.

FACILITY REGULATORY CLASSIFICATION

- The facility is a major source of air pollution because the potential emissions of at least one regulated air pollutant is greater than 100 tons per year pursuant to Chapter 62-210, F.A.C., and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is a Title V major source of air pollution in accordance with Chapter 213, F.A.C. and Rule 2.501, JEPB.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C. and Rule 2.401, JEPB
- The facility is not a major source of hazardous air pollutants (HAP).

1. Permitting Authority & Compliance Authority: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Northeast District Office, Waste and Air Resource Management, 8800 Baymeadows Way West, Suite 100, Jacksonville, FL 32256. All documents related to applications for permits to operate an emissions unit shall be submitted to the Northeast District Office, Waste and Air Resource Management Program.

   The compliance authority for this project is the Florida Department of Environmental Protection (Department), Northeast District Office, Compliance Assurance, 8800 Baymeadows Way West, Suite 100, Jacksonville, FL 32256. All documents related to compliance for an emissions unit shall be submitted to the Northeast District Office, Compliance Assurance.

   The Permitting Authority and Compliance Authority phone number is 904-256-1700.

2. 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.

3. 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.

4. 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.]

5. Modifications: The permittee shall notify the Compliance Authority upon commencement of construction. No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Department. Such permit shall be obtained prior to beginning construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]

6. Source Obligation:

   (a) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction on hours of operation, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

   (b) At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), F.A.C., shall apply to the source or modification as though construction had not yet commenced on the source or modification. [Rule 62-212.400(12), F.A.C.]

7. Application for Title V Permit: This permit authorizes construction of the permitted emissions unit(s) and initial operation to determine compliance with Department rules. A Title V air operation permit is required for regular operation of the permitted emissions unit. The permittee shall apply for a Title V air operation permit at least 90 days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the appropriate Permitting Authority with copies to the Compliance Authority.

   [Rules 62-4.030, 62-4.050, and Chapter 62-213, F.A.C.]

Subsection A. Emission Unit No. 562

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
562	(3) Decaff Bins -- Premium decaffeinated Gevalia green beans are delivered into the plant in superbags. The superbags are transported by fork lifts and dumped into hoppers where they are pneumatically conveyed to one of three decaff bins. The control device on each bin is a Farr GS2 Bin Vent Filter. The conveyor is design limited to a single blower and therefore can service only one of the three bins at any given time. Particulate matter (PM) emissions from each Decaff Bin is controlled by a Farr GS2 Bin Vent Filter.

This emissions unit is subject to the requirements of Rule 62-296.700, F.A.C., and Rule 2.1101, JEPB, Reasonably Available Control Technology (RACT) Particulate Matter; and Rule 62-296.711, F.A.C. and Rule 2.1101, JEPB, Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

PROPOSED WORK

1. The permittee is authorized to install three bins for the storage of green coffee beans. Each bin shall be equipped with a Farr GS2 Bin Filter.

   [Application No. 0310004-025-AC]

Essential Potential to Emit (PTE) Parameters

2. Permitted Capacity. The maximum process rate of each Decaff Bin shall not exceed 30,000 pounds per hour of green coffee beans. Only one of the three bins is physically capable of being operated at a given time due to the conveyor system design limitation of a single blower.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

3. Volumetric Flow Rate. The nominal volumetric flow rate for each bin filter is 630 cubic feet per minute.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

4. Hours of Operation. Each bin filter is allowed to operate continuously, i.e., 8,760 hours per year.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

5. Particulate Matter (PM) Emissions. PM emissions (from each bin filter) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 0.162 pounds per hour and 0.71 tons per year.

   [Rule 62-296.711(2), F.A.C., and Rule 2.1101, JEPB]

6. Visible Emissions (VE). VE (from each bin filter) shall not exceed 5 percent opacity.

   [Rules 62-296.711(2)(a) and 62-297.620(4), F.A.C., and Rules 2.1101 and 2.1201, JEPB]

Test Methods and Procedures

7. Testing Requirements- Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

   [Rule 62-297.310(7)(a)9, F.A.C., Rule 2.1201 JEPB]

8. Particulate Matter Emissions – Test Method. Testing for demonstration of compliance shall be performed, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A-3) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

   [Rules 62-296.711(3)(b), F.A.C., 62-204.800(8)(e)3. F.A.C.; and Rules 2.1101, and 2.201 JEPB]

9. Particulate Matter Emissions – Initial Testing. A visible emissions test indicating no visible emissions (5 percent opacity) may be submitted in lieu of a particulate stack test.

   [Rules 62-296.711(3)(c), F.A.C., 62-297.620(4),F.A.C.; and Rules 2.1101 and 2.1201 JEPB]

10. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A-4) for the visual determination of opacity.

    [Rules 62-296.711(3)(a). and 62-204.800(8)(e)4., F.A.C., and Rules 2.1201 and 2.201, JEPB]

11. Visible Emissions –Initial Testing. Initial VE testing shall be conducted on one of the three bins[1] within 180 days after start-up of the new system and the testing results submitted to the Department with the Title V Air Operation permit revision application or within 45 days of completion of testing, whichever occurs first.

    The duration of the Method 9 of appendix A-4 of Part 60 performance test shall be 30 minutes (five 6-minute averages). The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

    The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations

    [1] ***Permitting Note.*** *The three Decaff bins are identical with the same make and model air pollution control device. As such, subsequent annual VE testing may conducted such that each bin is tested on a three year basis so that all three bins are not required to be tested in a given year. (i.e. initial test, Bin "A" is tested, Subsequent Year 1 Bin "B" is tested, Subsequent Year 2, Bin "C" is tested, Subsequent Year 3, Bin "A" is tested, and so on)*

    [Rules 62-4.070(3), 62-297.310(4)(a)2., F.A.C. 62-297.310(7)(a)1., F.A.C., 62-297.320, F.A.C.; and Rules 2.1401 and 2.1201, JEPB]

Reporting Requirements

12. Test Reports. The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

    [Rule 62-297.310(8), F.A.C.; Rule 2.1201 JEPB]

13. Operation and Maintenance Plan. The permittee shall submit the Operation and Maintenance Plan, including bin vent filter model no., manufacturer's specifications, and other descriptive and operational information required (see Rule 62-296.700(6), F.A.C. and Rule 2.1101, JEPB), with the Title V Air Operation permit revision application.

    [Rule 62-296.700(6), F.A.C.; and Rule 2.1101, JEPB]

14. Commencement/Completion of Construction Records. The Permittee shall maintain a record of the commencement and completion of construction dates for installation of the three Decaff Bins.

    [Rule 62-4.070, F.A.C.]

15. Commencement/Completion of Construction Reporting. The Permittee shall submit to the Compliance Authority within a reasonable time (not to exceed 60 days) the completion date of each recorded item in Condition No. 14. Submission may be in writing or sent electronically to the Compliance Authority:

    [Rule 62-4.070, F.A.C.]

Subsection A. Emission Unit No. 563

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
563	Green Silo Decaff #5 -- Premium decaffeinated Gevalia green beans are conveyed from the (3) Decaff Bins (EU- 562) to the Green Silo Decaff #5 where they are stored until they are conveyed to the roasters for further processing. Particulate matter (PM) emissions are controlled by a Camfil Farr GS2 Dust Collection System.

This emissions unit is subject to the requirements of Rule 62-296.700, F.A.C., and Rule 2.1101, JEPB, Reasonably Available Control Technology (RACT) Particulate Matter; and Rule 62-296.711, F.A.C. and Rule 2.1101, JEPB, Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

PROPOSED WORK

1. The permittee is authorized to install a silo for the storage of green coffee beans and a Camfil Farr GS2 Dust Collection System. The silo shall be vented to the dust collection system for particulate matter emission control.

[Application No. 0310004-025-AC]

Essential Potential to Emit (PTE) Parameters

2. Permitted Capacity. The maximum process rate for the Green Silo Decaff #5 shall not exceed 20,000 pounds per hour of green coffee beans.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

3. Volumetric Flow Rate. The nominal volumetric flow rate for the dust collection system is 630 cubic feet per minute.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

4. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

5, Particulate Matter (PM) Emissions. PM emissions (from the dust collection system) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 0.162 pounds per hour and 0.71 tons per year.

   [Rule 62-296.711(2), F.A.C., and Rule 2.1101, JEPB]

6. Visible Emissions (VE). VE (from the dust collection system) shall not exceed 5 percent opacity.

   [Rules 62-296.711(2)(a) and 62-297.620(4), F.A.C., and Rules 2.1101 and 2.1201, JEPB]

Test Methods and Procedures

7. Testing Requirements- Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

   [Rule 62-297.310(7)(a)9., F.A.C., Rule 2.1201 JEPB]

8. Particulate Matter Emissions – Test Method. Testing for demonstration of compliance shall be performed, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A-3) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

   [Rules 62-296.711(3)(b), F.A.C., 62-204.800(8)(e)3. F.A.C.; and Rules 2.1101, and 2.201 JEPB]

9. Particulate Matter Emissions – Initial Testing. A visible emissions test indicating no visible emissions (5 percent opacity) may be submitted in lieu of a particulate stack test.

   [Rules 62-296.711(3)(c), F.A.C., 62-297.620(4),F.A.C.; and Rules 2.1101 and 2.1201 JEPB]

10. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A-4) for the visual determination of opacity.

    [Rules 62-296.711(3)(a). and 62-204.800(8)(e)4., F.A.C., and Rules 2.1201 and 2.201, JEPB]

11. Visible Emissions –Initial Testing. Initial VE testing shall be conducted within 180 days after start-up of the new system and the testing results submitted to the Department with the Title V Air Operation permit revision application or within 45 days of completion of testing, whichever occurs first.

    The duration of the Method 9 of appendix A-4 of Part 60 performance test shall be 30 minutes (five 6-minute averages). The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

    The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations

    [Rules 62-4.070(3), 62-297.310(4)(a)2., F.A.C. 62-297.310(7)(a)1., F.A.C., 62-297.320, F.A.C.; and Rules 2.1401 and 2.1201, JEPB]

Reporting Requirements

12. Test Reports. The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

    [Rule 62-297.310(8), F.A.C.; Rule 2.1201 JEPB]

13. Operation and Maintenance Plan. The permittee shall submit the Operation and Maintenance Plan, including bin vent filter model no., manufacturer's specifications, and other descriptive and operational information required (see Rule 62-296.700(6), F.A.C. and Rule 2.1101, JEPB), with the Title V Air Operation permit revision application.

    [Rule 62-296.700(6), F.A.C.; and Rule 2.1101, JEPB]

14. Commencement/Completion of Construction Records. The Permittee shall maintain a record of the commencement and completion of construction dates for installation of the Green Silo Decaff #5.

    [Rule 62-4.070, F.A.C.]

15. Commencement/Completion of Construction Reporting. The Permittee shall submit to the Compliance Authority within a reasonable time (not to exceed 60 days) the completion date of each recorded item in Condition No. 14. Submission may be in writing or sent electronically to the Compliance Authority:

    [Rule 62-4.070, F.A.C.]

Subsection C. Emission Unit No. 564

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
564	Green Silo Caff #4 -- Premium caffeinated Gevalia and Tassimo beans green beans are conveyed from the either the Gevalia Green Bins or the Tassimo Green Bins to the Green Silo Caff #4 where they are stored until they are conveyed to the roasters for further processing. Particulate matter (PM) emissions are controlled by a Camfil Farr GS2 Dust Collection System.

This emissions unit is subject to the requirements of Rule 62-296.700, F.A.C., and Rule 2.1101, JEPB, Reasonably Available Control Technology (RACT) Particulate Matter; and Rule 62-296.711, F.A.C. and Rule 2.1101, JEPB, Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

PROPOSED WORK

1. The permittee is authorized to install a silo for the storage of green coffee beans and a Camfil Farr GS2 Dust Collection System. The silo shall be vented to the dust collection system for particulate matter emission control.

   [Application No. 0310004-025-AC]

Essential Potential to Emit (PTE) Parameters

2. Permitted Capacity. The maximum process rate for the Green Silo Caff #4 shall not exceed 20,000 pounds per hour of green coffee beans.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

3. Volumetric Flow Rate. The nominal volumetric flow rate for the dust collection system is 630 cubic feet per minute.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

4. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

5. Particulate Matter (PM) Emissions. PM emissions (from the dust collection system) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 0.162 pounds per hour and 0.71 tons per year.

   [Rule 62-296.711(2), F.A.C., and Rule 2.1101, JEPB]

6. Visible Emissions (VE). VE (from the dust collection system) shall not exceed 5 percent opacity.

   [Rules 62-296.711(2)(a) and 62-297.620(4), F.A.C., and Rules 2.1101 and 2.1201, JEPB]

Test Methods and Procedures

7. Testing Requirements- Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

   [Rule 62-297.310(7)(a)9, F.A.C., Rule 2.1201 JEPB]

8. Particulate Matter Emissions – Test Method. Testing for demonstration of compliance shall be performed, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A-3) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

   [Rules 62-296.711(3)(b), F.A.C., 62-204.800(8)(e)3. F.A.C.; and Rules 2.1101, and 2.201 JEPB]

9. Particulate Matter Emissions – Initial Testing. A visible emissions test indicating no visible emissions (5 percent opacity) may be submitted in lieu of a particulate stack test.

   [Rules 62-296.711(3)(c), F.A.C., 62-297.620(4),F.A.C.; and Rules 2.1101 and 2.1201 JEPB]

10. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A-4) for the visual determination of opacity.

    [Rules 62-296.711(3)(a). and 62-204.800(8)(e)4., F.A.C., and Rules 2.1201 and 2.201, JEPB]

11. Visible Emissions –Initial Testing. Initial VE testing shall be conducted within 180 days after start-up of the new system and the testing results submitted to the Department with the Title V Air Operation permit revision application or within 45 days of completion of testing, whichever occurs first.

    The duration of the Method 9 of appendix A-4 of Part 60 performance test shall be 30 minutes (five 6-minute averages). The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

    The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations

    [Rules 62-4.070(3), 62-297.310(4)(a)2., F.A.C. 62-297.310(7)(a)1., F.A.C., 62-297.320, F.A.C.; and Rules 2.1401 and 2.1201, JEPB]

Reporting Requirements

12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

    [Rule 62-297.310(8), F.A.C.; Rule 2.1201 JEPB]

13. Operation and Maintenance Plan. The permittee shall submit the Operation and Maintenance Plan, including bin vent filter model no., manufacturer's specifications, and other descriptive and operational information required (see Rule 62-296.700(6), F.A.C. and Rule 2.1101, JEPB), with the Title V Air Operation permit revision application.

    [Rule 62-296.700(6), F.A.C.; and Rule 2.1101, JEPB]

14. Commencement/Completion of Construction Records. The Permittee shall maintain a record of the commencement and completion of construction dates for installation of the Green Silo Caff #4.

    [Rule 62-4.070, F.A.C.]

15. Commencement/Completion of Construction Reporting. The Permittee shall submit to the Compliance Authority within a reasonable time (not to exceed 60 days) the completion date of each recorded item in Condition No. 14. Submission may be in writing or sent electronically to the Compliance Authority:

    [Rule 62-4.070, F.A.C.]

Subsection D. Emission Unit No. 565

This section of the permit addresses the following emissions unit.

ID No.	Emission Unit Description
565	(2) Probat Premium Destoners – Two (2) new destoners will be installed to remove stones and other waste that were not removed by the initial cleaning process, from the roasted Gevalia and/or Tassimo beans. The destoners use air to "float" the beans causing the *stones* or *heavies* to drop out. The coffee beans are then directed to the Premium Whole Roasted Bean Silos Nos. 1 -8 for storage until they are conveyed for further processing. Particulate matter (PM) emissions from both of the destoners will be controlled with a single Farr Gold Series 12SQ Standard Baghouse.

This emissions unit is subject to the requirements of Rule 62-296.700, F.A.C., and Rule 2.1101, JEPB, Reasonably Available Control Technology (RACT) Particulate Matter; and Rule 62-296.711, F.A.C. and Rule 2.1101, JEPB, Materials Handling, Sizing, Screening, Crushing and Grinding Operations.

PROPOSED WORK

1. The permittee is authorized to install two destoners and a Farr Gold Series Baghouse. Each destoner shall be vented to the baghouse for particulate matter emission control.

   [Application No. 0310004-025-AC]

Essential Potential to Emit (PTE) Parameters

2. Permitted Capacity. The maximum process rate for each destoner shall not exceed 10,000 pounds per hour of coffee beans.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

3. Volumetric Flow Rate. The nominal volumetric flow rate for the baghouse is 3,800 cubic feet per minute.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

4. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

   [Rule 62-210.200, F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

5. Particulate Matter (PM) Emissions. PM emissions (from the baghouse) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 0.977 pounds per hour and 4.28 tons per year.

   [Rule 62-296.711(2), F.A.C., and Rule 2.1101, JEPB]

6. Visible Emissions (VE). VE (from the baghouse) shall not exceed 5 percent opacity.

   [Rules 62-296.711(2)(a) and 62-297.620(4), F.A.C., and Rules 2.1101 and 2.1201, JEPB]

Test Methods and Procedures

7. Testing Requirements- Notification. The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit.

   [Rule 62-297.310(7)(a)9, F.A.C., Rule 2.1201 JEPB]

8. Particulate Matter Emissions – Test Method. Testing for demonstration of compliance shall be performed, in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A-3) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

   [Rules 62-296.711(3)(b), F.A.C., 62-204.800(8)(e)3. F.A.C.; and Rules 2.1101, and 2.201 JEPB]

9. Particulate Matter Emissions – Initial Testing. A visible emissions test indicating no visible emissions (5 percent opacity) may be submitted in lieu of a particulate stack test.

   [Rules 62-296.711(3)(c), F.A.C., 62-297.620(4),F.A.C.; and Rules 2.1101 and 2.1201 JEPB]

10. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A-4) for the visual determination of opacity.

    [Rules 62-296.711(3)(a). and 62-204.800(8)(e)4., F.A.C., and Rules 2.1201 and 2.201, JEPB]

11. Visible Emissions –Initial Testing. Initial VE testing shall be conducted within 180 days after start-up of the new system and the testing results submitted to the Department with the Title V Air Operation permit revision application or within 45 days of completion of testing, whichever occurs first.

    The duration of the Method 9 of appendix A-4 of Part 60 performance test shall be 30 minutes (five 6-minute averages). The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur.

    The test shall be conducted by an observer certified in accordance with the requirements of Rule 62-297.320, F.A.C. – Standards for Persons Engaged in Visible Emissions Observations

    [Rules 62-4.070(3), 62-297.310(4)(a)2., F.A.C. 62-297.310(7)(a)1., F.A.C., 62-297.320, F.A.C.; and Rules 2.1401 and 2.1201, JEPB]

Reporting Requirements

12. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit.

    [Rule 62-297.310(8), F.A.C.; Rule 2.1201 JEPB]

13. Operation and Maintenance Plan. The permittee shall submit the Operation and Maintenance Plan, including bin vent filter model no., manufacturer's specifications, and other descriptive and operational information required (see Rule 62-296.700(6), F.A.C. and Rule 2.1101, JEPB), with the Title V Air Operation permit revision application.

    [Rule 62-296.700(6), F.A.C.; and Rule 2.1101, JEPB]

14. Commencement/Completion of Construction Records. The Permittee shall maintain a record of the commencement and completion of construction dates for installation of the two Probat Premium Destoners.

    [Rule 62-4.070, F.A.C.]

15. Commencement/Completion of Construction Reporting. The Permittee shall submit to the Compliance Authority within a reasonable time (not to exceed 60 days) the completion date of each recorded item in Condition No. 14. Submission may be in writing or sent electronically to the Compliance Authority:

    [Rule 62-4.070, F.A.C.]