Kraft Foods Global, Inc.
Maxwell House Coffee

Facility ID No.: 0310004
Duval County

Title V Air Operation Permit Revision

Permit No.: 0310004-027-AV
Revision of Title V Air Operation Permit No.: 0310004-018-AV

Permitting Authority:

State of Florida
Department of Environmental Protection

Northeast District Office
Waste and Air Resource Management Program
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256
Telephone: 904/256-1700
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Compliance Authority:

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Title V Air Operation Permit Revision
Permit No. 0310004-027-AV

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FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION

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

RICK SCOTT
GOVERNOR

CARLOS LOPEZ-CANTERA
LT. GOVERNOR

HERSCHEL T. VINYARD JR.
SECRETARY

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

Permit No.: 0310004-027-AV
Facility ID No.: 0310004
Title V Air Operation Permit Revision

The purpose of this permit is to revise the Title V Air Operation Permit No. 0310004-018-AV by incorporating the terms and conditions of air Construction Permit No. 0310004-026-AC. This is a revision of Title V air operation permit No. 0310004-018-AV.

The existing facility is located at 735 East Bay Street, Jacksonville, Duval County, FL; UTM Coordinates: Zone 17, 437.5 km East and 3354.7 km North; Latitude: 30° 19' 27" North and Longitude: 81° 39' 00" West..

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date:	December 30, 2012
Revision Effective Date:	**December 15, 2014**
Renewal Application Due Date:	May 19, 2017
Expiration Date:	December 30, 2017

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

RSR:mlp

Subsection A. Facility Description

This facility produces roasted coffee with batch and continuous roasters. The facility consists essentially of material handling, cleaning, roasting, cooling, grinding, and packaging operations.

Subsection B. Summary of Emissions Units

E.U. ID No.	Brief Description
501	GFM Boiler
503	Thermalo Roasters
504	Probat Roasters
506	Batch Roasters
509	Hot Chaff System
510	(22) Bunkers
511	GFM Bunkers
512	Thermalo Green Bean Conveying System
513	Thermalo Cooling Cars
516	Probat Green Bean Feed System
517	Probat Destoner Cooling Cars
518	Probat Cold Chaff System
519	Probat Scales
524	Batch Green Bean Storage Silos
525	Batch Roasters Green Bean Feed System
526	Batch Cooling Cars
527	Batch Destoners
528	BAR Systems Nos. 1, 2 & 3
529	Whole Roasted Bean Storage
530	Gevalia and SIG-VAC Packaging Machines
532	GFIC Sugar Unloading
533	GFIC Minors Dump Station Receiving
534	GFIC Majors Dump Station Receiving
535	GFIC Finished Mix
536	GFM Surge Bins
537	GFM Bean Separator
538	GFM Process
539	Green Coffee Silos
540	Green Coffee Silo Airveying
550	GFM Drying Zone 1
551	GFM Drying Zone 2
552	GFM Drying Zone 3
555	Fire Pump Diesel Engine

E.U. ID No.	Brief Description
556	BARs 1 and 2 Mixers
557	Gevalia Green Bean Storage Tanks
558	Process Dust Baghouse
559	Tassimo Green Bean Storage Tanks
560	Gevalia/Tassimo Destoners
561	Hammer Mills

Subsection C. Applicable Regulations.

Based on the Title V air operation permit revision application received September 29, 2014, this facility is not a major source of hazardous air pollutants (HAP.) The existing facility is not a PSD major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No (s).
City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice]; JEPB Rule 2, Parts I through VII, and Parts IX through XIV	All
State Rule 62-296.406, F.A.C.	501
40 CFR 60 Subpart Dc Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units,	501
40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	555
40 CFR 60, Subpart A, General Provisions	501, 555
40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	555
40 CFR 63, Subpart A, General Provisions	555
Rule 62-296.700, F.A.C.	503, 504, 506, 509, 511, 524, 525, 526, 527, 528, 530, 532, 533, 535, 559
Rule 62-296.711, F.A.C.	512, 513, 516, 517, 518, 519, 529, 534, 536, 537, 539, 540, 556, 557, 558, 560, 561
Rule 62-296.712, F.A.C.	503, 504, 506, 509, 510, 538, 550, 551, 552,

SECTION II. FACILITY-WIDE CONDITIONS.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated.

[Rule 62-213.440, F.A.C.]

FW2. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.

[Rule 62-213.440, F.A.C.; and Rule 2.501, JEPB]

FW3. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

FW4. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

Emissions and Controls

FW5. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.

[Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.; and Rule 2.1101, JEPB; Permit No. 0310004-020-AC]

FW6. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to 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 Department.

[Rule 62-296.320(1), F.A.C. and Rule 2.1101, JEPB]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW7. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1. and 4., F.A.C., and Rule 2.1101, JEBP]

FW8. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements:

- Reduced speed for vehicular traffic.
- Use of dust suppressants or wetting agents.

- Use of paving or other asphaltic materials.
- Removal of particulate matter from paved roads and/or other paved areas by vacuum cleaning or wetting prior to sweeping.
- Covering of trucks, trailers, front end loaders and other vehicles or containers to prevent spillage of articulate matter during transport.
- Use of mulch, hydro seeding, grassing and/or other vegetative ground cover on barren areas to prevent or reduce particulate matter from being windblown.
- Use of hoods, fans, filters and similar equipment to contain, capture and vent particulate matter.
- Enclosure or covering of conveyor systems.
- Sprinkling or otherwise wetting or conveyor systems

[Rule 62-296.320(4)(c), F.A.C. and Rule 2.1101, JEPB; Applicant submittal" Precautions to Prevent Unconfined Particulate Matter"]

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW9. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013); and Rule 2.301, JEPB; Rule 2.501, JEPB]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: http://www.dep.state.fl.us/air/emission/eaor. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. ***A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.****}*

FW10. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective.

[Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.; and Rule 2.501, JEPB]

FW11. Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:

a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: https://cdx.epa.gov. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: http://www.epa.gov/osweroe1/content/rmp/index.htm. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.

b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

FW12. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.

[Rule 62-210.700(1), (4), and (6), FAC, and Rule 2.201, JEPB]

FW13. Emission Units subject to RACT must use applicable monthly operation and maintenance plan found in Appendix RACT

[Rule 62-296.700, FAC and Rule 2.1201, JEPB]

Subsection A. Emissions Unit 501 GFM Boiler

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
501	Cleaver Brooks Model CD600 natural gas fired boiler. The boiler is used to generate steam and hot water for the green flavor modification process.

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum heat input shall be limited to 25.1 x 10^6 Btu per hour firing natural gas.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

A.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Condition **A.4.** is based on the specified averaging time of the applicable test method.

A.3. Sulfur dioxide (SO_2) and particulate matter (PM) emissions. SO_2 and PM emissions shall be controlled by use of natural gas in accordance with the Best Available Control Technology (BACT) Determination.

[Rules 62-296.406(2) and (3), FAC, and Rule 2.1101, JEPB]

A.4. Visible emissions. Visible Emissions shall be limited to 20 percent opacity except that VE not exceeding 40 percent opacity are allowed for up to 2 minutes in any one hour period.

[Rule 62-296.406(1), FAC, and 2.1101, JEPB]

A.5. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units, and 40 CFR 60, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the source described herein.

[Rule 62-204.800, FAC, and Rule 2.501, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

A.6. Visible Emissions- Test Method. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

A.7. Visible Emissions- Test Frequency. VE shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

A.8. Natural Gas Records.

(1) Except as provided under paragraphs (2) and (3) of this condition, the owner or operator shall record and maintain records of the amount of natural gas combusted in the steam generating unit during each operating day.

(2) As an alternative to meeting the requirements of paragraph (1) of this condition, the owner or operator may elect to record and maintain records of the amount of natural gas combusted in the steam generating unit during each calendar month.

(3) As an alternative to meeting the requirements of paragraph (1) of this condition, the owner or operator may elect to record and maintain records of the total amount of each steam generating unit fuel delivered to that property during each calendar month.

[Rule 62-204.800, FAC, and Rule 2.501, JEPB; 40 CFR 60.48c(g)]

A.9. Records – Duration. Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request.

[Rule 62-213.440(1)(b), FAC, and Rule 2.501, JEPB]

A.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Other Requirements

A.11. Federal Rule Requirements. In addition to the specific conditions listed above, this emissions unit is also subject to the applicable requirements contained in 40 CFR 60, Subpart A – General Provisions.

[Rule 62-213.440, F.A.C.]

Subsection B. Emissions Unit No. 503 Thermalo Roasters

This section addresses the following emissions unit.

Emissions Unit Number	Brief Description
503	Thermalo Roasters: (2) batch coffee bean roasters controlled by 2 cyclones in series with an afterburner.

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The maximum process rate for each roaster shall not exceed 3,100 pounds of coffee beans per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

B.2. Volumetric Flow Rate. The nominal volumetric flow rate for each roaster is 1,828 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

B.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **B.4.-B.5**.are based on the specified averaging time of the applicable test method.

B.4. Particulate Matter Emissions. PM emissions for each roaster shall not exceed 0.029 grain per dry standard cubic foot, 0.46 pound per hour, and 2.00 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

B.5. Visible emissions. Visible Emissions for each roaster shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

B.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

B.8. Particulate Matter Emissions and Visible Emissions- Test Frequency. Particulate Matter Emissions and Visible Emissions shall be tested annually (alternating Roaster units), each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Monitoring of Operations

B.9. Afterburner Operating Temperature. Each afterburner shall maintain a minimum operating temperature of 800 ^{o}F

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

B.10. Afterburner – Temperature Measurement. The owner or operator shall install, calibrate, maintain, and operate a temperature measurement device for each afterburner.

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

B.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

This section addresses the following emissions unit.

Emissions Unit Number	Brief Description
504	Probat Roasters: (10) batch coffee bean roasters controlled by 10 cyclones in series with an afterburner.

Essential Potential to Emit (PTE) Parameters

C.1. Permitted Capacity. The maximum process rate for each roaster shall not exceed 3,100 pounds of coffee beans per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

C.2. Volumetric Flow Rate. The nominal volumetric flow rate for each roaster is 3,850 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

C.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **C.4.-C.5**.are based on the specified averaging time of the applicable test method.

C.4. Particulate Matter Emissions. PM emissions for each roaster shall not exceed 0.021 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

C.5. Visible emissions. Visible Emissions for each roaster shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

C.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

C.8. Particulate Matter Emissions and Visible Emissions- Test Frequency. Particulate Matter Emissions and Visible Emissions shall be tested annually on two (2) Roasters (alternating Roaster units), each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Monitoring of Operations

C.9. Afterburner Operating Temperature. Each afterburner shall maintain a minimum operating temperature of 800 ^{o}F

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

C.10. Afterburner – Temperature Measurement. The owner or operator shall install, calibrate, maintain, and operate a temperature measurement device for each afterburner.

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

C.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection D. Emissions Unit No. 506 Batch Roasters

This section addresses the following emissions unit.

E.U. ID No.	Brief Description
506	Batch Roasters: (4) batch coffee bean roasters controlled by (4) cyclones in series with Enetex Catalytic Afterburners

Essential Potential to Emit (PTE) Parameters

D.1. Permitted Capacity. The maximum process rate for each roaster shall not exceed 5,500 pounds of coffee beans per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

D.2. Volumetric Flow Rate. The nominal volumetric flow rate for each roaster is 1,984 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

D.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8,400 hours/year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **D.4.-D.5**.are based on the specified averaging time of the applicable test method.

D.4. Particulate Matter Emissions. PM emissions for each roaster shall not exceed 0.021 grain per dry standard cubic foot, 0.36 pound per hour, and 1.50 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

D.5. Visible emissions. Visible Emissions for each roaster shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

D.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

D.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

D.8. Particulate Matter Emissions and Visible Emissions- Test Frequency. Particulate Matter Emissions and Visible Emissions shall be tested annually (alternating Roaster units), each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Monitoring of Operations

D.9. Afterburner Operating Temperature. Each afterburner shall maintain a minimum operating temperature of 770 ^{o}F

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

D.10. Afterburner – Temperature Measurement. The owner or operator shall install, calibrate, maintain, and operate a temperature measurement device for each afterburner.

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

D.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

This section addresses the following emissions units.

E.U. ID No.	Brief Description
509	Hot Chaff System: Pneumatically conveys hot chaff from the Probat green feed cyclone hoppers, the Probat roasters, and the destoner bins. One (1) afterburner is the control device.

Essential Potential to Emit (PTE) Parameters

E.1. Permitted Capacity. The maximum heat input rate for the afterburner shall not exceed 9 x 10^6 Btu per hour of natural gas.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

E.2. Volumetric Flow Rate. The nominal volumetric flow rate for the afterburner is 5,891 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

E.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **E.4.-E.5**.are based on the specified averaging time of the applicable test method.

E.4. Particulate Matter Emissions. PM emissions for the afterburner shall not exceed 0.014 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

E.5. Visible emissions. Visible Emissions for the afterburner shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

E.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

E.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

E.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date..

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

E.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Monitoring of Operations

E.10. Afterburner Operating Temperature. The afterburner shall maintain a minimum operating temperature of 800 ^{o}F

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

E.11. Afterburner – Temperature Measurement. The owner or operator shall install, calibrate, maintain, and operate a temperature measurement device for the afterburner.

[Rule 62-296.700(4)(a)6., FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

E.12. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection F. Emissions Unit No. 510 Bunkers

This section addresses the following emissions units.

E.U. ID No.	Brief Description
510	Bunkers: (22) coffee bean storage bunkers controlled by a MAC Baghouse Model 120MCF112, Type III.

Essential Potential to Emit (PTE) Parameters

F.1. Permitted Capacity. The maximum process rate shall not exceed 120,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

F.2. Volumetric Flow Rate. The nominal volumetric flow rate is 10,000 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

F.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **F.4.-F.5**.are based on the specified averaging time of the applicable test method.

F.4. Particulate Matter Emissions. PM emissions shall not exceed 0.008 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

F.5. Visible emissions. Visible Emissions shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Subsection F. Emissions Unit No. 510 Bunkers

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

F.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

F.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

F.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date..

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

F.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

F.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection G. Emissions Unit No. 511 GFM Bunkers

This section addresses the following emissions units.

E.U. ID No.	Brief Description
511	GFM Bunkers: (3) coffee bean storage bunkers controlled by a Flex Kleen Model 84CTBC-24 Baghouse.

Essential Potential to Emit (PTE) Parameters

G.1. Permitted Capacity. The maximum process rate shall not exceed 15,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

G.2. Volumetric Flow Rate. The nominal volumetric flow rate is 319 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

G.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **G.4.-G.5**.are based on the specified averaging time of the applicable test method.

G.4. Particulate Matter Emissions. PM emissions shall not exceed 1 tons per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

G.5. Visible emissions. Visible Emissions shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Subsection G. Emissions Unit No. 511 GFM Bunkers

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

G.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

G.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

G.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-297.310(4)., FAC, and Rule 2.1201, JEPB]

G.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

G.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection H. Emissions Unit No. 512 Thermalo Green Bean Conveying System

This section addresses the following emissions units.

E.U. ID No.	Brief Description
512	Thermalo Green Bean Conveying System: Pneumatically conveyed green coffee beans to the Thermalo roasters. (2) cyclones in series with a Dracco Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

H.1. Permitted Capacity. The maximum process rate shall not exceed 6,200 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

H.2. Volumetric Flow Rate. The nominal volumetric flow rate is 931 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

H.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **H.4.-H.5**.are based on the specified averaging time of the applicable test method.

H.4. Particulate Matter Emissions. PM emissions shall be limited to 0.03 grain per dry standard cubic foot, 0.24 pound per hour, and 1.05 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

H.5. Visible emissions. Visible Emissions shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Subsection H. Emissions Unit No. 512 Thermalo Green Bean Conveying System

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

H.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

H.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

H.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-297.310(4)., FAC, and Rule 2.1201, JEPB]

H.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

H.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection I. Emissions Unit No. 513 Thermalo Cooling Cars

This section addresses the following emissions units.

E.U. ID No.	Brief Description
513	Thermalo Cooling Cars: Roasted beans from the two (2) Thermalo roasters are cooled in two (2) cooling cars prior to destoning. (2) cyclones in series is the control device.

Essential Potential to Emit (PTE) Parameters

I.1. Permitted Capacity. The maximum process rate for each cooling car shall not exceed 3,100 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

I.2. Volumetric Flow Rate. The nominal volumetric flow rate for each cooling car is 4,648 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

I.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **I.4.-I.5**.are based on the specified averaging time of the applicable test method.

I.4. Particulate Matter Emissions. PM emissions for each cooling car shall not exceed 0.017 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

I.5. Visible emissions. Visible Emissions for each cooling car shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

I.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

I.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

I.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

I.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30)

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

I.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection J. Emissions Unit No. 516 Probat Green Bean Feed System

This section addresses the following emissions units.

E.U. ID No.	Brief Description
516	Probat Green Bean Feed System: Pneumatically conveys d green coffee beans to the Probat roasters. (10) cyclones in series with a Flex Kleen Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

J.1. Permitted Capacity. The maximum process rate shall be limited to 31,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

J.2. Volumetric Flow Rate. The nominal volumetric flow rate is 1,250 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

J.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **J.4.-J.5**.are based on the specified averaging time of the applicable test method.

J.4. Particulate Matter Emissions. PM emissions shall be limited to 0.03 grain per dry standard cubic foot, 0.32 pound per hour, and 1.40 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

J.5. Visible emissions. VE shall be limited to 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

J.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

J.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

J.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

J.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

J.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection K. Emissions Unit No. 517 Probat Destoner Cooling Cars

This section addresses the following emissions units.

E.U. ID No.	Brief Description
517	Probat Destoner Cooling Cars: Roasted beans from the ten (10) Probat roasters are cooled in ten (10) cooling cars prior to destoning. Ten (10) destoners are used to remove stones and other waste from the roasted beans that were not removed in the initial cleaning process. (10) cyclones are the control device.

Essential Potential to Emit (PTE) Parameters

K.1. Permitted Capacity. The maximum process rate for each destoner/cooling car shall not exceed 3,100 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

K.2. Volumetric Flow Rate. The nominal volumetric flow rate is 7,648 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

K.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **K.4.-K.5**.are based on the specified averaging time of the applicable test method.

K.4. Particulate Matter Emissions. PM emissions for each destoner shall not exceed 0.01 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

K.5. Visible emissions. VE for each destoner shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

K.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

K.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

K.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested annually on two (2) destoners (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

K.9. Visible Emissions- Test Frequency. VE shall be tested annually on two (2) destoners, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

K.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection L. Emissions Unit No. 518 Probat Cold Chaff System

This section addresses the following emissions units.

E.U. ID No.	Brief Description
518	Probat Cold Chaff System: Pneumatically conveys cold chaff from the Probat roasters to the grounds pit. (1) one cyclone is the control device.

Essential Potential to Emit (PTE) Parameters

L.1. Permitted Capacity. The nominal volumetric flow rate is 3,633 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

L.2. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **L.3.-L.4**.are based on the specified averaging time of the applicable test method.

L.3. Particulate Matter Emissions. PM emissions shall not exceed 0.018 grain per dry standard cubic foot, 0.57 pound per hour, and 2.50 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

L.4. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

L.5. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

L.6. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

L.7. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

L.8. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

L.9. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection M. Emissions Unit No. 519 Probat Scales

This section addresses the following emissions units.

E.U. ID No.	Brief Description
519	Probat Scales: Roasted beans are pneumatically conveyed to three (3) Probat scales for product weighing. (3) three cyclones are the control device.

Essential Potential to Emit (PTE) Parameters

M.1. Permitted Capacity. The maximum process rate shall not exceed 31,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

M.2. Volumetric Flow Rate. The nominal volumetric flow rate is 4,710 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

P.3. Hours of Operation. This emissions unit shall be allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **M.4.-M.5**. are based on the specified averaging time of the applicable test method.

M.4. Particulate Matter Emissions. PM emissions for each scale shall not exceed 0.011 grain per dry standard cubic foot, 0.46 pound per hour, and 2.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

M.5. Visible emissions. VE for each scale shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

M.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

M.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

M.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

M.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

M.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection N. Emissions Unit No. 524 Batch Green Bean Storage Silos

This section addresses the following emissions units.

E.U. ID No.	Brief Description
524	Batch Green Bean Storage Silos: Pneumatically conveys beans to the blend before roasting silos (BBR-3). Kice Baghouse Model HR24-9H is the control device.

Essential Potential to Emit (PTE) Parameters

N.1. Permitted Capacity. The maximum process rate shall be limited to 22,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

N.2. Volumetric Flow Rate. The nominal volumetric flow rate is 2,386 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

N.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8400 hours per year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **N.4.-N.5**. are based on the specified averaging time of the applicable test method.

N.4. Particulate Matter Emissions. PM emissions shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

N.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

N.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

N.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

N.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

N.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30)..

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

N.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection O. Emissions Unit No. 525 Batch Roasters Green Bean Feed System

This section addresses the following emissions units.

E.U. ID No.	Brief Description
525	Batch Roasters Green Bean Feed System: Pneumatically conveys green coffee beans to the four (4) Batch roasters. Flex-Kleen Model 84-WRWS-48 Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

O.1. Permitted Capacity. The maximum process rate shall be limited to 22,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

O.2. Volumetric Flow Rate. The nominal volumetric flow rate is 1,432 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

O.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8400 hours per year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **O.4.-O.5**. are based on the specified averaging time of the applicable test method.

O.4. Particulate Matter Emissions. PM emissions shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

O.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

O.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

O.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

O.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

O.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30)..

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

O.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection P. Emissions Unit No. 526 Batch Cooling Cars

This section addresses the following emissions units.

E.U. ID No.	Brief Description
526	Batch Cooling Cars: Roasted beans from the four (4) Batch roasters are cooled in four (4) cooling cars prior to destoning. (4) Ducon Cyclones Model 700/330 are the control device.

Essential Potential to Emit (PTE) Parameters

P.1. Permitted Capacity. The maximum process rate for each cooling car shall be limited to 5,500 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

P.2. Volumetric Flow Rate. The nominal volumetric flow rate for each cooling car is 5,151 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

P.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8400 hours per year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **P.4.-P.5**. are based on the specified averaging time of the applicable test method.

P.4. Particulate Matter Emissions. PM emissions for each cooling car shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

P.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

P.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

P.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

P.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

P.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

P.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection Q. Emissions Unit No. 527 Batch Destoners

This section addresses the following emissions units.

E.U. ID No.	Brief Description
527	Batch Destoners: Four (4) destoners are used to remove stones and other waste from the roasted beans that were not removed in the initial cleaning process. (4) Flex-Kleen Model 100-WRWS-64 Baghouses are the control device.

Essential Potential to Emit (PTE) Parameters

Q.1. Permitted Capacity. The maximum process rate for each destoner shall be limited to 5,500 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Q.2. Volumetric Flow Rate. The nominal volumetric flow rate for each destoner is 6,344 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Q.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8400 hours per year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **Q.4.-Q.5**. are based on the specified averaging time of the applicable test method.

Q.4. Particulate Matter Emissions. PM emissions from each destoner shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

Q.5. Visible emissions. VE for each destoner shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Q.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

Q.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Q.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

Q.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

Q.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection R. Emissions Unit No. 528 BAR Systems Nos. 1, 2, and 3

This section addresses the following emissions units.

E.U. ID No.	Brief Description
528	BAR Systems Nos. 1, 2, and 3: Three (3) blend after roasting (BAR) pneumatic handling systems and silos, Whole Roasted Bean Storage Bunkers 17A and 17B, and Cyclones C2 and C3. (2) Flex-Kleen Model 100-WSTS-81 Baghouses are the control device.

Essential Potential to Emit (PTE) Parameters

R.1. Permitted Capacity. The maximum process rate shall not exceed 22,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

R.2. Volumetric Flow Rate. The nominal volumetric flow rate for each baghouse is 5,481 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

R.3. Hours of Operation. The hours of operation for this emissions unit shall not exceed 8400 hours per year.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **R.4.-R.5**. are based on the specified averaging time of the applicable test method.

R.4. Particulate Matter Emissions. PM emissions from each baghouse shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

R.5. Visible emissions. VE for each baghouse shall not exceed 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

R.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

R.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

R.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

R.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

R.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection S. Emissions Unit No. 529 Whole Roasted Bean Storage

This section addresses the following emissions units.

E.U. ID No.	Brief Description
529	Whole Roasted Bean Storage: Whole Roasted Bean Storage System batch processes, which includes Whole Roasted Bean Storage Bunkers 10, 11, 12, 13, 13A and 14, Cyclones B3 through B9, and Cyclone C1. A Flex-Kleen, Model WRBS-48 Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

S.1. Permitted Capacity. The maximum process rate of the Whole Roasted Bean Storage Process shall not exceed 36,990 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

S.2. Volumetric Flow Rate. The nominal volumetric flow rate for the Flex-Kleen, Model WRBS-48 Baghouse is 931 cfm.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

S.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **S.4.-S.5**. are based on the specified averaging time of the applicable test method.

S.4. Particulate Matter Emissions. PM emissions shall not exceed 0.03 grains per dry standard cubic foot (0.24 pound per hour and 1.05 tons per year).

[Rule 62-296.711(2), FAC, and Rule 2.1201, JEPB; Permit No. 0310004-019-AC]

S.5. Visible emissions. VE emissions shall be limited to 5% opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

S.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

S.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

S.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

S.9. Visible Emissions- Test Frequency. VE shall be tested annually each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-019-AC; Permit No. 0310004-026-AC]

S.10. Visible Emissions – Test Duration. VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(4)(a), FAC and Rule 2.1201, JEPB; Permit No. 0310004-019-AC]

Recordkeeping and Reporting Requirements

S.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection T. Emissions Unit No. 530 Gevalia and SIG-VAC Packaging Machines

This section addresses the following emissions units.

E.U. ID No.	Brief Description
530	Gevalia and SIG-VAC Packaging Machines: Gevalia beans are mechanically conveyed to the storage bin. The Gevalia line consists of one (1) grinder and one (1) packaging line. The SIG-VAC line consists of one (3) grinders and (1) packaging line. Minor emissions from the area vacuum cleaning system in Buildings 4 and 7 are added. Flex-Kleen, Model 84-WRBC-80 Baghouse is the control device for both packaging operations and the Buildings 4 and 7 vacuum cleaning systems

Essential Potential to Emit (PTE) Parameters

T.1. Permitted Capacity. The maximum process rate shall not exceed 3,400 pounds per hour of ground coffee.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-026-AC]

T.2. Volumetric Flow Rate. The nominal volumetric flow rate is 500 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

T.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **T.4.-T.5**. are based on the specified averaging time of the applicable test method.

T.4. Particulate Matter Emissions. PM emissions shall not exceed 0.011 grain per dry standard cubic foot, 0.047 pound per hour, and 0.206 tons per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-026-AC]

T.5. Visible emissions. VE emissions shall not exceed 5% opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB; Permit No. 0310004-026-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

T.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

T.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

T.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

T.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

T.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection U. Emissions Unit No. 532 GFIC Sugar Unloading

This section addresses the following emissions units.

E.U. ID No.	Brief Description
532	GFIC Sugar Unloading: International coffee ingredients sugar unloading station. A Shick Tube-veyor Bin Vent, Model 58AJ25 B is the control device.

Essential Potential to Emit (PTE) Parameters

U.1. Permitted Capacity. The maximum process rate shall be limited to 50,000 pounds per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

U.2. Volumetric Flow Rate. The nominal volumetric flow rate is 450 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

U.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **U.4.-U.5**. are based on the specified averaging time of the applicable test method.

U.4. Particulate Matter Emissions. PM emissions shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

U.5. Visible emissions. VE emissions shall be limited to 5% opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

U.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

U.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

U.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

U.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

U.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection V. Emissions Unit No. 533 GFIC Minors Dump Station Receiving

This section addresses the following emissions units.

E.U. ID No.	Brief Description
533	GFIC Minors Dump Station Receiving: International coffee minor ingredients handling process. An IAC Bin Vent Model FRIP-AZ-4 is the control device.

Essential Potential to Emit (PTE) Parameters

V.1. Permitted Capacity. The maximum process rate shall be limited to 20,000 pounds per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

V.2. Volumetric Flow Rate. The nominal volumetric flow rate is 400 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

V.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **V.4.-V.5**. are based on the specified averaging time of the applicable test method.

V.4. Particulate Matter Emissions. PM emissions shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

V.5. Visible emissions. VE emissions shall be limited to 5% opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

V.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

V.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

V.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

V.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

V.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection W. Emissions Unit No. 534 GFIC Majors Dump Station Receiving

This section addresses the following emissions units.

E.U. ID No.	Brief Description
534	GFIC Majors Dump Station Receiving: International coffee major ingredients handling process. A Flex Kleen Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

W.1. Permitted Capacity. The maximum process rate shall be limited to 20,000 pounds per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

W.2. Volumetric Flow Rate. The nominal volumetric flow rate is 7,000 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

W.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **W.4.-W.5**. are based on the specified averaging time of the applicable test method.

W.4. Particulate Matter Emissions. PM emissions shall not exceed 0.011 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

W.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

W.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

W.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

W.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

W.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

W.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection X. Emissions Unit No. 535 GFIC Finished Mix

This section addresses the following emissions units.

E.U. ID No.	Brief Description
535	GFIC Finished Mix: International coffee finished mix handling process. An AZO Bin Vent Model F500-65 is the control device.

Essential Potential to Emit (PTE) Parameters

X.1. Permitted Capacity. The maximum process rate shall be limited to 20,000 pounds per hour.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

X.2. Volumetric Flow Rate. The nominal volumetric flow rate is 500 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

X.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **X.4.-X.5**. are based on the specified averaging time of the applicable test method.

X.4. Particulate Matter Emissions. PM emissions shall be limited to less than one (1) ton per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB

X.5. Visible emissions. VE shall be limited to 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

X.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

X.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

X.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

X.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

X.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection Y. Emissions Unit No. 536 GFM Surge Bins

This section addresses the following emissions units.

E.U. ID No.	Brief Description
536	GFM Surge Bins: Green bean coffee processing operation utilizing surge bins, weight bin, and scale. A Flex-Kleen Model 45-PVTL-16 Baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

Y.1. Permitted Capacity. The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Y.2. Volumetric Flow Rate. The nominal volumetric flow rate is 964 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Y.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **Y.4.-Y.5**. are based on the specified averaging time of the applicable test method.

Y.4. Particulate Matter Emissions. PM emissions shall not exceed 0.03 grain per dry standard cubic foot, 0.25 pound per hour, and 1.10 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Y.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Y.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB]

Y.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB]

Y.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB]

Y.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

Y.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection Z. Emissions Unit No. 537 GFM Bean Separator

This section addresses the following emissions units.

E.U. ID No.	Brief Description
537	GFM Bean Separator: Green bean coffee processing operation feed system. A Hoffman Pulse Air Dust Collector Model GS-5578 is the control device.

Essential Potential to Emit (PTE) Parameters

Z.1. Permitted Capacity. The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Z.2. Volumetric Flow Rate. The nominal volumetric flow rate is 3,674 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Z.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **Z.4.-Z.5**. are based on the specified averaging time of the applicable test method.

Z.4. Particulate Matter Emissions. PM emissions shall not exceed 0.014 grain per dry standard cubic foot, 0.46 pound per hour, and 2.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Z.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Z.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB]

Z.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB]

Z.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Z.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

Z.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection AA. Emissions Unit No. 538 GFM Process

This section addresses the following emissions units.

E.U. ID No.	Brief Description
538	GFM Process: Green bean coffee flavor enhancing process operation. This operation includes a centrifugal washer with wet scrubber, surge bins, pressure vessels, and condenser. The entire operation exhausts to the atmosphere through a single vent stack.

Essential Potential to Emit (PTE) Parameters

AA.1. Permitted Capacity. The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

AA.2. Volumetric Flow Rate. The nominal volumetric flow rate is 8,000 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

AA.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **AA.4.-AA.5**. are based on the specified averaging time of the applicable test method.

AA.4. Particulate Matter Emissions. PM emissions shall not exceed 0.02 grain per dry standard cubic foot, 1.37 pounds per hour, and 6.00 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

AA.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

AA.6. 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) for particulate matter.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

AA.7. 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) for the visual determination of opacity.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

AA.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

AA.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

AA.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection BB. Emissions Unit No. 539 Green Coffee Silos

This section addresses the following emissions units.

E.U. ID No.	Brief Description
539	Green Coffee Silos: 2) green coffee bean storage silos. Two cyclones are the control device.

Essential Potential to Emit (PTE) Parameters

BB.1. Permitted Capacity. The maximum process rate shall not exceed 42,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

BB.2. Volumetric Flow Rate. The nominal volumetric flow rate is 5,000 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

BB.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **BB.4.-BB.5**. are based on the specified averaging time of the applicable test method.

BB.4. Particulate Matter Emissions. PM emissions for each silo shall not exceed 0.016 grain per dry standard cubic foot, 0.68 pound per hour, and 3.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

BB.5. Visible emissions. VE for each silo shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

BB.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

BB.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

BB.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested (alternating units) within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

BB.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

BB.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection CC. Emissions Unit No. 540 Green Coffee Silo Airveying

This section addresses the following emissions units.

E.U. ID No.	Brief Description
540	Green Coffee Silo Airveying: Pneumatically conveys coffee beans to the Green Coffee Silos. (4) four cyclones are the control device.

Essential Potential to Emit (PTE) Parameters

CC.1. Permitted Capacity. The maximum process rate shall not exceed 36,990 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

CC.2. Volumetric Flow Rate. The nominal volumetric flow rate for each cyclone is 2,131 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

CC.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **CC.4.-CC.5**. are based on the specified averaging time of the applicable test method.

CC.4. Particulate Matter Emissions. PM emissions for each cyclone shall not exceed 0.025 grain per dry standard cubic foot, 0.46 pound per hour, and 2.00 tons per year.

[Applicant's Request, Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

CC.5. Visible emissions. VE for each cyclone shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

CC.6. 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) for particulate matter.

[Rule 62-297.310(4), FAC, and Rule 2.1201, JEPB]

CC.7. 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) for the visual determination of opacity.

[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

CC.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested (alternating units) within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

CC.9. Visible Emissions- Test Frequency. VE shall be tested annually (alternating units), each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

CC.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection DD. Emissions Unit No. 550 GFM Drying Zone 1

This section addresses the following emissions units.

E.U. ID No.	Brief Description
550	GFM Drying Zone 1: Green bean coffee flavor enhancing process operation dryer. Fisher-Klosterman Cyclone, Model XQ-465-60S is the control device.

Essential Potential to Emit (PTE) Parameters

DD.1. Permitted Capacity:

a. Process Rate: The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

b. Heat Input Rate: The maximum heat input rate shall not exceed 16.80 x 10^6 Btu per hour or 16,000 cubic feet per hour of natural gas.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

DD.2. Volumetric Flow Rate. The nominal volumetric flow rate is 52,625 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

DD.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **DD.4.-DD.5**. are based on the specified averaging time of the applicable test method.

DD.4. Particulate Matter Emissions. PM emissions shall not exceed 0.01 grain per dry standard cubic foot, 4.47 pounds per hour, and 19.56 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

DD.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

DD.6. 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) for particulate matter.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

DD.7. 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) for the visual determination of opacity.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

DD.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

DD.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

DD.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection EE. Emissions Unit No. 551 GFM Drying Zone 2

This section addresses the following emissions units.

E.U. ID No.	Brief Description
551	GFM Drying Zone 2: Green bean coffee flavor enhancing process operation dryer. Fisher-Klosterman Cyclone, Model XQ-465-49S is the control device.

Essential Potential to Emit (PTE) Parameters

EE.1. Permitted Capacity:

a. Process Rate: The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

b. Heat Input Rate: The maximum heat input rate shall not exceed 5.25 x 10^6 Btu per hour or 5,000 cubic feet per hour of natural gas.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

EE.2. Volumetric Flow Rate. The nominal volumetric flow rate is 10,500 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

EE.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **EE.4.-EE.5**. are based on the specified averaging time of the applicable test method.

EE.4. Particulate Matter Emissions. PM emissions shall not exceed 0.01 grain per dry standard cubic foot, 0.89 pound per hour, and 3.90 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

EE.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

EE.6. 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) for particulate matter.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

EE.7. 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) for the visual determination of opacity.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

EE.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

EE.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

EE.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection FF. Emissions Unit No. 552 GFM Drying Zone 3

This section addresses the following emissions units.

E.U. ID No.	Brief Description
552	GFM Drying Zone 3: Green bean coffee flavor enhancing process operation dryer. Fisher-Klosterman Cyclone, Model XQ-465-52S is the control device.

Essential Potential to Emit (PTE) Parameters

FF.1. Permitted Capacity:

a. Process Rate: The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

b. Heat Input Rate: The maximum heat input rate shall not exceed 7.35 x 10^6 Btu per hour or 7,000 cubic feet per hour of natural gas.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

FF.2. Volumetric Flow Rate. The nominal volumetric flow rate is 39,475 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

FF.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **FF.4.-FF.5**. are based on the specified averaging time of the applicable test method.

FF.4. Particulate Matter Emissions. PM emissions shall not exceed 0.01 grain per dry standard cubic foot, 3.35 pounds per hour, and 14.67 tons per year.

[Applicant's Request, Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

FF.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.712(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

FF.6. 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) for particulate matter.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

FF.7. 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) for the visual determination of opacity.

[Rule 62-296.712(3), FAC, and Rule 2.1101, JEPB]

FF.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested within twelve (12) months of permit renewal date.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

FF.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30).

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-026-AC]

Recordkeeping and Reporting Requirements

FF.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection GG. Emissions Unit No. 555 Fire Pump Diesel Engine

This section addresses the following emissions units.

Emissions Unit Description – One (1) fire pump diesel engine (John Deere 6.8L Power Tech Plus)

Description of Engine	Date Built	Displacement/ Horsepower	Rule Applicability
112 kW John Deere Fire Pump Engine	01/31/2008	1.13 L/cylinder & 149 BHP	40 CFR Part 60, Subpart IIII

{**Permitting Note:** This permit section addresses new, emergency stationary compression ignition (CI) reciprocating internal combustion engines (RICE) manufactured after July 1, 2006 with an engine displacement of less than 30 liters per cylinder located at an area source of HAP emissions.}

GG.1. This engine is subject to 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines, 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR 60, Subpart A, General Provisions.

[40 CFR 63.6590(a)(2)(iii) and (c)(1), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Essential Potential to Emit (PTE) Parameters

GG.2. This emissions unit shall use diesel fuel that meets the following per-gallon standards required in 40 CFR 80.510(b) for non-road diesel:

a. The sulfur content for nonroad diesel fuel shall not exceed 15 ppm.

b. The nonroad diesel cetane index shall not be less than 40 or the aromatic content shall not exceed 35 volume percent.

[40 CFR 60.4207(b), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

GG.3. The owner or operator shall operate and maintain the emergency stationary RICE according to the following:

(a) There is no time limit on the use of emergency stationary RICE in emergency situations.

(b) The emergency stationary RICE may be operated for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or Local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hours per year.

(c) The emergency stationary RICE may be operated up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance checks and readiness testing.

(d) The 50 hours per year for non-emergency situations may not be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

[40 CFR 60.4211(f), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Emission Limitations and Operating Requirements

GG.4. The engine in this emissions unit shall not exceed the following standards of non-methane (NM) hydrocarbons + nitrogen oxides (NO_X), hydrocarbons, NOx, carbon monoxide (CO), and particulate matter (PM). The owner or operator shall comply with these emission standards over the entire life of the engine.

Engine	NM Hydrocarbons + NO_x	CO	PM
112 kW John Deere fire pump engine	10.5 g/kW-hr	5.0 g/kW-hr	0.80 g/kW-hr

[40 CFR 60.4205(c), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Operation and Maintenance

GG.5. The owner or operator shall operate the stationary compression ignition RICE and control devices according to the manufacturer's emission-related written instructions.

[40 CFR 60.4211(a)(1), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

GG.6. The owner or operator shall only change those emission-related settings that are permitted by the manufacturer.

[40CFR 60.4211(a)(2), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Monitoring Requirements

GG.7. The owner or operator of an emergency stationary compression ignition RICE that does not meet the standards applicable to non-emergency engines shall install a non-resettable hour meter prior to startup of the engine.

[40 CFR 60.4209(a), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Compliance Requirements

GG.8. The owner or operator shall demonstrate compliance according to one of the methods specified below:

a. Purchase an engine certified according to 40 CFR Part 89 or Part 94, as applicable, for the same model year and maximum engine power.

b. Keep records of performance test results for each pollutant for a test conducted on a similar engine. The test must have been conducted using the same methods specified in 40 CFR 60.4212, as applicable.

c. Keep records of engine manufacturer data indicating compliance with the standards.

d. Keep records of control device vendor data indicating compliance with the standards.

e. Conduct an initial performance test to demonstrate compliance with emission standards according to the requirements specified in 40 CFR 40.4212, as applicable.

[40 CFR 60.4211(b), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

GG.9. If the owner or operator does not install, configure, operate and maintain the emergency stationary compression ignition RICE and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, the owner or operator shall demonstrate compliance as follows:

a. Keep a maintenance plan and records of conducted maintenance.

b. Maintain and operate the engine in a manner consistent with good air pollution control practices for minimizing emissions.

c. Conduct an initial performance test to demonstrate compliance with the applicable emission standards:

(i) Within 1 year of startup or

(ii) Within 1 year after an engine and control device is no longer installed, configured, operated and maintained in accordance with the manufacturer's emission-related written instructions or

(iii) Within 1 year after the emission-related settings are changed in a way that is not permitted by the manufacturer.

[40 CFR 60.4211(g)(2), Rule 62-204.800(8), FAC and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

GG.10. Records shall be maintained for the hours of operation of the engines for emergency and non-emergency engine usage, including maintenance checks and readiness testing. This shall include all hours of operation recorded through the non-resettable hour meter. The owner or operator shall record the time of operation of the engine and the reason the engine was in operation. These records shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

GG.11. If the stationary RICE is equipped with a diesel particulate filter, the owner or operator shall keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high backpressure limit of the engine is approached. These records shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[40 CFR 60.4214(c), Rule 62-4.070(3), FAC, Rule 62-204.800(8), FAC, Rule 2.1401, JEPB and Rule 2.201, JEPB]

Subsection HH. Emissions Unit No. 556 BARs 1 and 2 Mixers

This section addresses the following emissions units.

E.U. ID No.	Brief Description
556	BARs 1 and 2 Mixers: Four (4) mixers for Bar Systems 1 and 2 for coffee bean blending. Sprout-Matador, Type DFF 21/2400S baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

HH.1. Permitted Capacity: The maximum process rate shall not exceed 36,000 pounds per hour of green coffee beans (18,000 pounds per hour for each BAR system).

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

HH.2. Volumetric Flow Rate. The nominal volumetric flow rate for each baghouse is 2,800 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

HH.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **HH.4.-HH.5**. are based on the specified averaging time of the applicable test method.

HH.4. Particulate Matter Emissions. PM emissions for each baghouse shall be limited to 0.03 grains per dry standard cubic foot, 0.72 pounds per hour and 3.15 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

HH.5. Visible emissions. VE shall be limited to 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

HH.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

HH.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

HH.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-019-AC]

HH.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(7)(a)4.a., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

HH.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection II. Emissions Unit No. 557 Gevalia Green Bean Storage Tanks

This section addresses the following emissions units.

E.U. ID No.	Brief Description
557	Gevalia Green Bean Storage Tanks: Gevalia green beans are mechanically conveyed from four (4) storage tanks. A cyclone is the control device.

Essential Potential to Emit (PTE) Parameters

II.1. Permitted Capacity: The maximum process rate shall be limited to 4,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

II.2. Volumetric Flow Rate. The nominal volumetric flow rate is 247 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

II.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **II.4.-II.5**. are based on the specified averaging time of the applicable test method.

II.4. Particulate Matter Emissions. PM emissions shall be limited to 0.03 grains per dry standard cubic foot, 0.06 pounds per hour and 0.28 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

II.5. Visible emissions. VE shall be limited to 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

II.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

II.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

II.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-019-AC]

II.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(7)(a)4.a., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

II.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection JJ. Emissions Unit No. 558 Process Dust Baghouse

This section addresses the following emissions units.

E.U. ID No.	Brief Description
558	Process Dust Baghouse: Green bean coffee processing operation utilizing surge bins, weight bin, and scale. A Sprout-Matador, Type DFF 21/2400S baghouse is the control device.

Essential Potential to Emit (PTE) Parameters

JJ.1. Permitted Capacity: The maximum process rate shall not exceed 15,000 pounds per hour of green coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

JJ.2. Volumetric Flow Rate. The nominal volumetric flow rate is 2,800 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

JJ.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-019-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **JJ.4.-JJ.5**. are based on the specified averaging time of the applicable test method.

JJ.4. Particulate Matter Emissions. PM emissions shall not exceed 0.03 grains per dry standard cubic foot, 0.72 pounds per hour and 3.15 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

JJ.5. Visible emissions. VE shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

JJ.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

JJ.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-019-AC]

JJ.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-019-AC]

JJ.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(7)(a)4.a., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

JJ.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection KK. Emissions Unit No. 559 Tassimo Green Bean Storage Tanks

This section addresses the following emissions units.

E.U. ID No.	Brief Description
559	Tassimo Green Bean Storage Tanks: Tassimo green beans are mechanically conveyed from two (2) storage tanks and into Silo #2. A Tassimo Cyclone is the control device.

Essential Potential to Emit (PTE) Parameters

KK.1. Permitted Capacity: The maximum process rate shall be limited to 4,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-020-AC]

KK.2. Volumetric Flow Rate. The nominal volumetric flow rate is 247 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-020-AC]

KK.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-020-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **KK.4.-KK.5**. are based on the specified averaging time of the applicable test method.

KK.4. Particulate Matter Emissions. PM emissions shall not exceed 0.03 grains per dry standard cubic foot, 0.06 pounds per hour and 0.28 tons per year.

[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-020-AC, Permit No. 0310004-026-AC]

KK.5. Visible emissions. VE shall be limited to 5 percent opacity.

[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB; Permit No. 0310004-020-AC, Permit No. 0310004-026-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

KK.6. 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) for particulate matter.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-020-AC]

KK.7. 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) for the visual determination of opacity.

[Rule 62-296.711(3), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-020-AC]

KK.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-020-AC]

KK.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rule 62-297.310(7)(a)4.a., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting Requirements

KK.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection LL. Emissions Unit No. 560 Gevalia/Tassimo Destoners

This section addresses the following emissions units.

E.U. ID No.	Brief Description
560	Gevalia/Tassimo Destoners: Two (2) new destoners will replace the existing destoners to remove stones and other waste that were not removed in the initial cleaning process, from the roasted Gevalia and/or Tassimo beans. Particulate matter (PM) from both of the destoners are controlled with a single, Farr Gold Series® Dust Collector, Model GS8, manufactured by Camfil.

Essential Potential to Emit (PTE) Parameters

LL.1. Permitted Capacity: The maximum process rate for each destoner shall not exceed 4,000 pounds per hour of coffee beans.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-021-AC]

LL.2. Volumetric Flow Rate. The nominal volumetric flow rate for the baghouse is 8,000 cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-021-AC]

LL.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-021-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **LL.4.-LL.5**. are based on the specified averaging time of the applicable test method.

LL.4. Particulate Matter Emissions. PM emissions (from baghouse) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 2.06 pounds per hour and 9.01 tons per year.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-020-AC]

LL.5. Visible emissions. VE (from baghouse) shall not exceed 5 percent opacity.

[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-020-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

LL.6. 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) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule 62-296.711(3), FAC, 62-297.620(4), and 62-204.800(8)(e)3. F.A.C., and Rules 2.1101, 2.1201, and 2.201 JEPB; Permit No. 0310004-021-AC]

LL.7. 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) for the visual determination of opacity.

[62-297.310(4)(a)2. and 62-204.800(8)(e)4., FAC, and Rules 2.1201 and 2.201, JEPB; Permit No. 0310004-021-AC]

LL.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-021-AC]

LL.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rules 62-4.070(3), F.A.C.; and Rule 2.1401, JEPB]

Recordkeeping and Reporting Requirements

LL.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection MM. Emissions Unit No. 561 Hammer Mills

This section addresses the following emissions units.

E.U. ID No.	Brief Description
561	Hammer Mills: Retained larger particles of ground coffee from the sifter that do not meet the desired size are sent to the Hammer Mills for further grinding. From the Hammer Mills the coffee particles are returned to the sifter followed by the filling line. Particulate matter (PM) from the Hammer Mills are controlled with a single, Farr Gold Series® Dust Collector, Model GS2, manufactured by Camfil.

Essential Potential to Emit (PTE) Parameters

MM.1. Permitted Capacity: The maximum throughput rate of hammer mill shall not exceed 60,000 pounds per hour of ground coffee.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-023-AC]

MM.2. Volumetric Flow Rate. The nominal volumetric flow rate for the baghouse is 1,300 actual cubic feet per minute.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB; Permit No. 0310004-023-AC]

MM.3. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Permit No. 0310004-023-AC]

Emission Limitations and Standards

{Permitting note: The attached Table 1, Summary of Air Pollutant Standards and Terms, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

Unless otherwise specified, the averaging times for Specific Conditions **MM.4.-MM.5**. are based on the specified averaging time of the applicable test method.

MM.4. Particulate Matter Emissions. PM emissions (from baghouse) shall not exceed 0.03 grains per dry standard cubic foot, equivalent emissions 0.334 pounds per hour and 1.464 tons per year.

[Rule 62-296.711(2)(b), FAC, and Rule 2.1101, JEPB; Permit No. 0310004-023-AC]

MM.5. Visible emissions. VE (from baghouse) shall not exceed 5 percent opacity.

[Rule 62-296.711(2), and 62-297.620(4), FAC, and Rules 2.1101 and 2.1201, JEPB; Permit No. 0310004-023-AC]

Test Methods and Procedures

{Permitting note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

MM.6. 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) for particulate matter. The minimum sample volume shall be 30 dry standard cubic feet.

[Rule, 62-297.620(4), and 62-204.800(8)(e)3. F.A.C., and Rules 2.1101, 2.1201, and 2.201 JEPB; Permit No. 0310004-023-AC]

MM.7. 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) for the visual determination of opacity.

[62-297.310(4)(a)2. 62-297.620(4), 62-296.711(3)(a), and 62-204.800(8)(e)4., FAC, and Rules 2.1201 and 2.201, JEPB; Permit No. 0310004-023-AC]

MM.8. Particulate Matter Emissions - Test Frequency. Particulate Matter Emissions shall be tested upon Department request.

[Rule 62-4.070(3), and 62-296.711(3)(c), FAC, and Rule 2.1401, JEPB; Permit No. 0310004-023-AC]

MM.9. Visible Emissions- Test Frequency. VE shall be tested annually, each federal fiscal year (October 1 – September 30). VE testing shall be conducted for a minimum period of 30 minutes.

[Rules 62-4.070(3), F.A.C.; and Rule 2.1401, JEPB]

Recordkeeping and Reporting Requirements

MM.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements