KRAFT FOODS GLOBAL, MAXWELL HOUSE COFFEE
FACILITY ID NO.: 0310004
DUVAL COUNTY

AIR CONSTRUCTION PERMIT
DRAFT PERMIT NO.: 0310004-017-AC

Permitting & Compliance Authority:
Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
FAX: (904) 588-0518

AIR CONSTRUCTION PERMIT

DRAFT Permit No.: 0310004-017-AC

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Emission Unit ID No.	**Brief Description**
Emission Unit 529	Whole Roasted Bean Storage and Coffee Bean Reclaim System

Permittee:
Kraft Foods Global, Maxwell House Coffee
735 East Bay Street
Jacksonville, FL 32202-2303

DRAFT Permit No.: 0310004-017-AC
Facility ID No.: 0310004
SIC Nos.: 20
Project: Air Construction Permit
Rerouting of Emission Unit No. 541
to Emission Unit No. 529

This permit is for the purpose of rerouting Emission Unit No. 541 (Whole Roasted Bean Storage) to Emission Unit No. 529 (Coffee Bean Reclaim System). This facility is located at 735 East Bay Street, Jacksonville, Duval County, FL ; UTM Coordinates: Zone 17, 437.54 km East and 3354.71 km North; Latitude: 30° 19' 27" North and Longitude: 81°39' 0" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Environmental and Compliance Department, Environmental Quality Division (Permitting Authority), and made a part hereof, in accordance with the terms of this permit.

***Title V Air Operation Permit Application Due Date:**

Expiration Date:

Environmental and Compliance Department
Environmental Quality Division

_____
Robert Steven Pace, P.E., Manager
Air Quality Branch

RSP/HDS

Section I. Facility Information

Subsection A. Project and Facility Description

This permit is for the purpose of rerouting Emission Unit No. 541 (Whole Roasted Bean Storage) to Emission Unit No. 529 (Coffee Bean Reclaim System). Emission Unit No. 529 will be modified to include the former Emission Unit No. 541 which will be deleted.

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

This facility is a major source of air pollution for Title V purposes because the potential emissions of at least one regulated criteria air pollutant is greater than 100 tons per year pursuant to Chapter 62-210, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

Based on the Title V Air Construction Permit application received June 10, 2011, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

EU ID No.	Brief Description	Control Device
529	Whole Roasted Bean Storage and Coffee Bean Reclaim System	Flex-Kleen, Model WRBS-48 Baghouse

Subsection C. Relevant documents

Air Construction Permit Application received June 10, 2011

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Permitting Authority will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Permitting Authority.

3. The issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Permitting Authority permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Permitting Authority rules, unless specifically authorized by an order from the Permitting Authority.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Permitting Authority rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Permitting Authority rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Permitting Authority personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

    a. Have access to and copy any records that must be kept under conditions of the permit;
    b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
    c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Permitting Authority rules.

Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Permitting Authority with the following information:

    a. A description of and cause of noncompliance; and
    b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Permitting Authority for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Permitting Authority may be used by the Permitting Authority as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Permitting Authority rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Permitting Authority rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Permitting Authority rules.

11. This permit is transferable only upon Permitting Authority approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Permitting Authority.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    ( ) Compliance with New Source Performance Standards
    ( ) Compliance with National Emissions Standards for Hazardous Air Pollutants

14. The permittee shall comply with the following:

    a. Upon request, the permittee shall furnish all records and plans required under Permitting Authority rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Permitting Authority.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Permitting Authority rule.
    c. Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The date(s) analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Permitting Authority, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Permitting Authority, such facts or information shall be corrected promptly.
    [Rule 62-4.160, FAC, and Rule 2.1401, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Any revision(s) to a permit (and application) shall be submitted to and approved by the Permitting Authority prior to implementing.
   [Rule 62-4.080(2), FAC, and Rule 2.1401, JEPB]

2. Permittee shall notify the Permitting Authority fifteen (15) days prior to EU testing.
   [Rule 62-297.310(7)(a)(9), FAC, and Rule 2.1201, JEPB.]

3. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EU may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
   [Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]

4. Copies of the test report(s) shall be filed with the Permitting Authority within forty-five (45) days of completion of testing.
   [Rule 62-297.310(8)(b), FAC, and Rule 2.1201, JEPB]

5. Stack sampling facilities shall comply with the requirements of Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB.

6. Control equipment shall be provided with a method of access that is safe and readily accessible. [Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

7. The facility shall be subject to 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].

8. The facility shall be subject to JEPB Rule 2, Part Nos. I through VII, and Part Nos. IX through XIV.

9. 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, FAC, and Rule 2.201, JEPB]

10. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Air Operation Permit Revision with compliance records and test results, to the Permitting Authority, at least 90 days prior to the expiration date of the construction permit. An applicant making timely and complete application for an operation permit shall continue to operate the source under the authority and provisions of any existing valid permit until the conclusion of proceedings associated with its permit application or until the new permit becomes effective, whichever is later, provided the applicant complies with all the provisions of subparagraphs 62-213.420(1)(b)3., FAC.
[Rule 62-213.420(1)(a) and (b)2., FAC and Rule 2.501, JEPB]

11. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter emissions 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 include the following:

    a. Paving and maintenance of roads, parking areas and yards.
    b. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
    c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
    d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.
    e. Landscaping or planting of vegetation.
    f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
    g. Confining abrasive blasting where possible.
    h. Enclosure or covering of conveyor systems.

    [Rule 62-296.320(4)(c)2. & 3., FAC, and Rule 2.1101, JEPB]

12. Permittee shall submit an annual operation report to the Permitting Authority for this (these) emission unit(s) on the form(s) supplied for each calendar year on or before April 1 of the following year.
[Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]

13. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), FAC, and Rule 2.1101, JEPB]

14. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Permitting Authority. Such permit shall be obtained prior to beginning construction or modification.
[Rule 62-210.300(1), FAC, Rule 62-212.300(1)(a), FAC, Rule 2.301, JEPB, and Rule 2.401, JEPB]

15. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

Section III. Emission Units and Conditions

Emissions Unit No. 0529 – Whole Roasted Bean Storage and Coffee Bean Reclaim System

Emissions Unit Description:	This emission unit handles both the Whole Roasted Bean Storage and Coffee Bean Reclaim System batch processes.
Control Device:	Flex-Kleen, Model WRBS-48 Baghouse

Essential Potential to Emit (PTE) Parameters

1. The nominal volumetric flow rate for the Flex-Kleen, Model WRBS-48 Baghouse is 931 cfm.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. 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]

3. 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 (PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. 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 2.1101, JEPB]

5. VE emissions for the Whole Roasted Bean Storage and the Coffee Bean Reclaim System shall not exceed 5% opacity.
[Rule 62-296.711(2), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed upon request 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]

7. 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]

8. VE compliance testing shall be conducted a minimum of 135 days prior to the expiration date of this permit. VE testing shall be conducted for a minimum period of 30 minutes.
   [Rule 62-297.310(4)(a), FAC and Rule 2.1201, JEPB]