



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

October 8, 2002

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Nick Emanuel, C.O.O.  
Citrosuco North America, Inc.  
P.O. Box 3950  
Lake Wales, Florida 33898-3950

Re: DEP File No. 1050001-006-AC  
Citrus Oil Recovery

Dear Mr. Emanuel:

Enclosed is one copy of the draft air construction permit for Citrosuco North America, Inc. addressing citrus oil recovery in compliance with the provisions of Section 403.08725, F.S. at its citrus juice processing plant located at 5937 Highway 60, East, Lake Wales, Polk County. The Technical Evaluation and Preliminary Determination, the Department's Intent to Issue Air Construction Permit and the Public Notice of Intent to Issue Air Construction Permit are also included.

The Public Notice of Intent to Issue Air Construction Permit must be published one time only, as soon as possible, in the legal advertisement section of a newspaper of general circulation in the area affected, pursuant to the requirements Chapter 50, Florida Statutes. Proof of publication, i.e., newspaper affidavit, must be provided to the Department's Bureau of Air Regulation office within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. Failure to publish the notice and provide proof of publication may result in the denial of the permit, pursuant to Rule 62-110.106(11), F.A.C.

Please submit any written comments you wish to have considered concerning the Department's proposed action to Scott M. Sheplak, P.E., Administrator, Title V Section at the above letterhead address. If you have any other questions, please contact Edward J. Svec at 850/921-8985.

Sincerely,

A. A. Linero, P.E.  
Bureau of Air Regulation

AAL/es

Enclosures

"More Protection, Less Process"

Printed on recycled paper.

In the Matter of an  
Application for Permit by:

Mr. Nick Emanuel, C.O.O.  
Citrosuco North America, Inc.  
P.O. Box 3950  
Lake Wales, Florida 33898-3950

DEP File No. 1050001-006-AC  
Citrus Oil Recovery  
Polk County

### INTENT TO ISSUE AIR CONSTRUCTION PERMIT

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit (copy of draft permit attached) for the proposed project, detailed in the application specified above and the enclosed Technical Evaluation and Preliminary Determination, for the reasons stated below.

The applicant, Citrosuco North America, Inc., applied on September 11, 2002, to the Department for an air construction permit for its existing citrus juice processing facility located at 5937 Highway 60, East, Lake Wales, Polk County. The permit addresses citrus oil recovery, in compliance with the provisions of Section 403.08725, F.S.

The Department has permitting jurisdiction under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-212. The above actions are not exempt from permitting procedures. The Department has determined that an air construction permit is required to perform the proposed work.

The Department intends to issue this air construction permit based on the belief that reasonable assurances have been provided to indicate that operation of these emission units will not adversely impact air quality, and the emission units will comply with all appropriate provisions of Section 403.08725, F.S. and Chapters 62-4, 62-296, and 62-297, F.A.C.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1., F.A.C., you (the applicant) are required to publish at your own expense the enclosed Public Notice of Intent to Issue Air Construction Permit. The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C., requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Department's Bureau of Air Regulation, at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 32399-2400 (Telephone: 850/488-0114; Fax: 850/ 922-6979). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in Section 50.051, F.S., to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of Public Notice of Intent to Issue Air Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit

applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205, F.A.C.

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information: (a) The name, address, and telephone number of the petitioner; (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any; (c) Each rule or portion of a rule from which a variance or waiver is requested; (d) The citation to the statute underlying (implemented by) the rule identified in (c) above; (e) The type of action requested; (f) The specific facts that would justify a variance or waiver for the petitioner; (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally

delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Tallahassee, Florida.



A. A. Linero, P.E.  
Bureau of Air Regulation

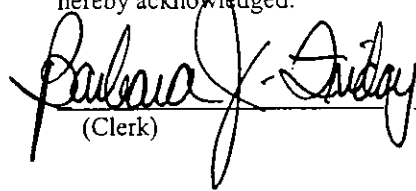
**CERTIFICATE OF SERVICE**

The undersigned duly designated deputy agency clerk hereby certifies that this Intent to Issue Air Construction Permit (including the Public Notice of Intent to Issue Air Construction Permit, Technical Evaluation and Preliminary Determination, and the Draft permit) was sent by certified mail (\*) and copies were mailed by U.S. Mail before the close of business on 10/10/02 to the person(s) listed:

- Mr. Nick Emanuel, C.O.O., Citrosuco, North America \*
- Mr. Wayne Griffin, P.E., G2 Services Ltd.
- Mr. Gerald Kissel, P.E., DEP SWD

Clerk Stamp

**FILING AND ACKNOWLEDGMENT FILED**, on this date, pursuant to §120.52, Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

 10/10/02  
(Clerk) (Date)

**PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT**

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 1050001-006-AC

Citrosuco, North America, Inc.  
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Citrosuco, North America, Inc., for its existing citrus juice processing facility located at 5937 Highway 60, East, Lake Wales, Polk County. The applicant's mailing address is: P.O. Box 3950, Lake Wales, Florida 33898-3950. The permit addresses citrus oil recovery, in compliance with the provisions of Section 403.08725, Florida Statutes (F.S.)

The Department will issue the final permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of fourteen (14) days from the date of publication of this Public Notice of Intent to Issue Air Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, FL 32399-2400. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S., before the deadline for filing a petition. The procedures for petitioning for a hearing are set forth below.

Mediation is not available in this proceeding.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under Sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (F.A.C.).

A petition that disputes the material facts on which the Department's action is based must contain the following information: (a) The name and address of each agency affected and each agency's file or identification number, if known; (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination; (c) A statement of how and when petitioner received notice of the agency action or proposed action; (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate; (e) A concise statement of the ultimate facts alleged, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action; (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and (g) A statement of the relief sought by the

**NOTICE TO BE PUBLISHED IN THE NEWSPAPER**

petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301, F.A.C.

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

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Dept. of Environmental Protection  
Bureau of Air Regulation  
Suite 4, 111 S. Magnolia Drive  
Tallahassee, Florida 32301  
Telephone: 850/488-0114  
Fax: 850/922-6979

Dept. of Environmental Protection  
Southwest District  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218  
Telephone: 813/744-6100

The complete project file includes the application, technical evaluation, draft permit, and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact the Administrator, Title V Section, or the Department's reviewing engineer for this project, Edward J. Svec, Engineer IV, at the Bureau of Air Regulation in Tallahassee, Florida, or call 850/488-0114, for additional information. Written comments directed to the Department's reviewing engineer should be sent to the following mailing address: Dept. of Environmental Protection, Bureau of Air Regulation, Mail Station #5505, Tallahassee, Florida, 32399-2400.

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

**1 APPLICANT NAME AND ADDRESS**

Citrosuco North America, Inc.  
5937 Highway 60, East  
Lake Wales, Florida 33898

Authorized Representative: Nick Emanuel, C.O.O.

**2 PROJECT**

The project addresses citrus oil recovery, in compliance with the provisions of Section 403.08725, F.S., at Citrosuco North America, Inc.'s existing citrus processing facility in Lake Wales, Polk County. The project description, emissions, and rule applicability are described in detail in Section I of the permit.

**3 SOURCE IMPACT ANALYSIS**

An impact analysis was not required for this project.

**4 EXCESS EMISSIONS**

Excess emissions are specified in Section II of the permit. This permitting action does not change any authorization for excess emissions provided by other Department permits for other emissions units.

**5 LIMITS AND COMPLIANCE REQUIREMENTS**

The permit limits the minimum citrus oil recovery. The operational limits and the compliance requirements are detailed in Sections II and III of the permit.

**6 PRELIMINARY DETERMINATION**

Based on the foregoing technical evaluation of the application and additional information submitted by the applicant and other available information, the Department has made a preliminary determination that the proposed project will comply with all applicable state air pollution regulations. The Department's preliminary determination is to issue the permit to address citrus oil recovery, in compliance with the provisions of Section 403.08725, F.S., subject to the terms and conditions of the draft permit.

**7 FINAL DETERMINATION**

^DRAFT (This section will be revised when a final permit is issued for this project.)

**DETAILS OF THIS ANALYSIS MAY BE OBTAINED BY CONTACTING:**

Edward J. Svec, Engineer IV  
Department of Environmental Protection  
Bureau of Air Regulation  
Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400  
Telephone: 850/488-0114



# Department of Environmental Protection

Jeb Bush  
Governor

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## PERMITTEE

Citrusuco North America, Inc.  
Post Office Box 3950  
Lake Wales, Florida 33859-3950

<b>Permit No.</b>	1050001-006-AC
<b>Project</b>	Citrus Oil Recovery
<b>SIC No.</b>	2037
<b>Expires:</b>	^DRAFT

## Authorized Representative:

Nicholas Emanuel, COO

## PROJECT AND LOCATION

This permit authorizes Citrusuco North America, Inc., Lake Wales Plant, to address citrus oil recovery, in compliance with the provisions of Section 403.08725, F.S.

This facility is located on Highway 60 – East of Lake Wales, Lake Wales, Polk County. The UTM coordinates are: Zone 17; 452.4 km E and 3085.5 km N.

## STATEMENT OF BASIS

This construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and the Florida Administrative Code (F.A.C.) Chapters 62-4, 62-296, and 62-297. The above named permittee is authorized to construct the emissions units in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Department of Environmental Protection (Department).

## APPENDICES

The attached appendix is a part of this permit:

Appendix GC    General Permit Conditions

## DRAFT

Howard L. Rhodes, Director  
Division of Air Resources  
Management

*"More Protection, Less Process"*

*Printed on recycled paper.*



**AIR CONSTRUCTION PERMIT**  
**SECTION I. FACILITY INFORMATION**

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**FACILITY AND PROJECT DESCRIPTION**

This facility consists of an existing citrus processing facility that extracts juice from whole citrus fruit to produce single-strength and frozen concentrated juices and byproducts of juice production such as citrus oils, citrus molasses and animal feed.

The applicant proposed in this project to recover citrus oil in compliance with the provisions of Section 403.08725, F.S.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-296, and 62-297, F.A.C. The existing facility is located in an area designated, in accordance with Rule 62-204.340, F.A.C., as attainment or unclassifiable for the criteria pollutants ozone, PM<sub>10</sub>, carbon monoxide, SO<sub>2</sub>, nitrogen dioxide and lead. This facility is classified as a Major or Title V Source of air pollution because emissions of at least one regulated air pollutant, exceeds 100 tons per year (TPY). At this facility, potential emissions of PM/PM<sub>10</sub>, SO<sub>2</sub>, NO<sub>x</sub>, CO and VOC exceed 100 TPY.

The applicant stated that this facility is not a major source of hazardous air pollutants (HAPs). This project is not subject to a case-by-case MACT determination, per Rule 62-204.800(10)(d)2, F.A.C., because it does not result in the construction or reconstruction of a major source of HAP emissions.

This project does not impose any requirements under the New Source Performance Standards, 40 CFR 60, or National Emissions Standards for Hazardous Air Pollutants, 40 CFR 61 or 63.

**REVIEWING AND PROCESS SCHEDULE**

September 11, 2002	Received permit application
September 11, 2002	Application complete
^DRAFT	Distributed Notice of Intent to Issue and supporting documents
^DRAFT	Notice of Intent published in ^DRAFT

**RELEVANT DOCUMENTS**

The documents listed below are the basis of the permit. They are specifically related to this permitting action. These documents are on file with the Department.

- Permit application filed September 11, 2002
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

# AIR CONSTRUCTION PERMIT

## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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The following specific conditions apply to all emissions units at this facility addressed by this permit.

### ADMINISTRATIVE

1. Regulating Agencies: All documents related to applications for permits to construct, operate or modify an emissions unit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to reports, tests, minor modifications and notifications shall be submitted to the Department's Southwest District office at 3804 Coconut Palm Drive, Tampa, Florida 33619-8218, and phone number 813/744-6100.
2. General Conditions: The owner and operator is subject to and shall operate under the attached General Permit Conditions G.1 through G.15 listed in Appendix GC of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes (F.S.). [Rule 62-4.160, F.A.C.]
3. Terminology: The terms used in this permit have specific meanings as defined in the corresponding chapters of the Florida Administrative Code.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise indicated in this permit, the construction and operation of the subject emissions unit shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of Chapter 403, F.S., and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-110, 62-204, 62-212, 62-213, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the F.A.C. regulations. The permittee shall use the applicable forms listed in Rule 62-210.900, F.A.C., and follow the application procedures in Chapter 62-4, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting or regulations. [Rules 62-204.800, 62-210.300 and 62-210.900, F.A.C.]
5. New or Additional Conditions: Pursuant to Rule 62-4.080, F.A.C., for good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time. [Rule 62-4.080, F.A.C.]
6. Expiration: This air construction permit shall expire on ^DRAFT. The permittee, for good cause, may request that this construction permit be extended. Such a request shall be submitted to the Department's Bureau of Air Regulation prior to 60 days before the expiration of the permit. [Rules 62-210.300(1), 62-4.070(4), 62-4.080, and 62-4.210, F.A.C.]
7. Modifications: No emissions unit or facility subject to this permit shall be constructed or modified without obtaining an air construction permit from the Department. Such permit must be obtained prior to the beginning of construction or modification. [Rules 62-210.300(1) and 62-212.300(1)(a), F.A.C.]
8. Title V Operation Permit Required: This permit authorizes construction and/or installation of the permitted emissions unit and initial operation to determine compliance with Department rules. A revision to the Title V operation permit is required for regular operation of the permitted emissions unit. The owner or operator shall apply for a Title V operation permit at least ninety days prior to expiration of this permit, but no later than 180 days after commencing operation. To apply for a Title

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Citrosuco North America, Inc.  
Citrus Oil Recovery

1050001-006-AC

# AIR CONSTRUCTION PERMIT

## SECTION II: FACILITY-WIDE SPECIFIC CONDITIONS

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V operation permit, the applicant shall submit the appropriate application form, compliance test results, and such additional information as the Department may by law require. The application shall be submitted to the Department's Southwest District office. [Rules 62-4.030, 62-4.050, 62-4.220, and Chapter 62-213, F.A.C.]

### EMISSION LIMITING STANDARDS

9. General Visible Emissions Standard: Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer, or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20% opacity). The test method for visible emissions shall be EPA Method 9, incorporated and adopted by reference in Chapter 62-297, F.A.C. Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C. [Rule 62-296.320(4)(b)1, F.A.C.]
10. Unconfined Emissions of Particulate Matter: [Rule 62-296.320(4)(c), F.A.C.]
- (a) 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.
  - (b) Any permit issued to a facility with emissions of unconfined particulate matter shall specify the reasonable precautions to be taken by that facility to control the emissions of unconfined particulate matter.
  - (c) Reasonable precautions for this facility include the following:
    - Paving and maintenance of roads, parking areas and yards.
    - Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
    - Landscaping or planting of vegetation.
    - Limiting access to plant property by unnecessary vehicles.
  - (d) In determining what constitutes reasonable precautions for a particular source, the Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.
11. General Pollutant Emission Limiting Standards: [Rules 62-296.320(1)(a)&(2), F.A.C.]
- (a) No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
  - (b) No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.
- [Note: An objectionable odor is defined in Rule 62-210.200(198), F.A.C., as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or

**AIR CONSTRUCTION PERMIT**  
**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance.]

12. Volatile Organic Compounds: Volatile organic compounds are limited to the level of emissions achievable by a 50 percent recovery of oil from citrus fruits processed as determined by the methodology described in Section 403.08725(4)(a)1., F.S. One year after EPA approval pursuant to Section 403.08725(9), F.S., for volatile organic compounds, the level of emissions achievable by a 65 percent recovery of oil from citrus fruits processed as determined by the methodology described in Section 403.08725(4)(a)1., F.S. [Section 403.08725(2)(c), F.S.]

**OPERATIONAL REQUIREMENTS**

13. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the permittee shall immediately notify the Department's Southwest District office. The notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with Department rules. [Rule 62-4.130, F.A.C.]
14. A situation arising from sudden and unforeseeable events beyond the control of the source which causes a technology-based emissions limitation to be exceeded because of unavoidable increases in emissions attributable to the situation and which requires immediate corrective action to restore normal operation shall be an affirmative defense to an enforcement action in accordance with the provisions and requirements of 40 C.F.R. s. 70.6(g)(2) and (3), hereby adopted and incorporated by reference as the law of this state. It shall not be a defense for a permittee in an enforcement action that maintaining compliance with any permit condition would necessitate halting of or reduction of the source activity. [Section 403.08725(3)(k), F.S.]
15. Circumvention: No person shall circumvent any air pollution control device or allow the emission of air pollutants without the applicable air pollution control device operating properly. [Rule 62-210.650, F.A.C.]
16. Excess Emissions: The following excess emissions provisions of state rule apply as specified below.
- (a) Excess emissions resulting from start-up and shutdown are permitted for the emissions unit 008 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.
  - (b) Excess emissions resulting from malfunction of this emissions 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 Department for longer duration.
  - (c) 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 start-up, shutdown, or malfunction shall be prohibited. [Rules 62-210.700(1), (4) and (5), F.A.C.]

**COMPLIANCE MONITORING AND TESTING REQUIREMENTS**

17. Determination of Process Variables: [Rule 62-297.310(5), F.A.C.]

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Citrusuco North America, Inc.  
Citrus Oil Recovery

1050001-006-AC

## AIR CONSTRUCTION PERMIT

### SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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- (a) **Required Equipment.** The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
- (b) **Accuracy of Equipment.** Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.
18. **Required Stack Sampling Facilities:** Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D and E. Sampling facilities shall also conform to the requirements of Rule 62-297.310(6), F.A.C. [Rule 62-297.310(6), F.A.C.]
19. **Test Notification:** The owner or operator shall notify the Department's Southwest District office at least 15 days prior to the date on which each formal compliance test is to begin. Notification shall include the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator. [Rule 62-297.310(7)(a)9., F.A.C.]
20. **Compliance Test:** A single compliance test shall be required annually to ensure the emission units' compliance with permit conditions. The test shall be performed in the manner described in this permit as follows: EPA Method 7e shall be used to test NO<sub>x</sub> for the initial compliance test as well as the annual compliance test. EPA Method 5 shall be used to test PM<sub>10</sub> for the initial compliance test as well as the annual compliance test. EPA Method 9 shall be used to test opacity for the initial compliance test as well as the annual compliance test.
21. All emissions for which the facility is limited by Section 403.08725(2)(b)-(f), F.S. shall be determined on a calendar-year basis and reported to the department by a responsible official of the facility no later than April 1 of the following year. Emissions shall be determined for each emissions unit by means of recordkeeping, test methods, units, averaging periods, or other statistical conventions, which yield reliable data; are consistent with the emissions limit being measured; are representative of the unit's actual performance; and are sufficient to show the actual emissions of the unit. [Section 403.08725(3)(d), F.S.]

**AIR CONSTRUCTION PERMIT**  
**SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS**

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**REPORTING AND RECORD KEEPING REQUIREMENTS**

22. Duration of Record Keeping: Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department. 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 the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least five years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule. [Rules 62-4.160(14)(a)&(b) and 62-213.440(1)(b)2.b., F.A.C.]
23. Test Reports: The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test. The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed. The test report shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the applicable information listed in Rule 62-297.310(8)(c), F.A.C. [Rule 62-297.310(8), F.A.C.]
24. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Department may request a written summary report of the incident. A full written report on the malfunctions shall be submitted in a quarterly report if requested by the Department. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
25. Annual Operating Report for Air Pollutant Emitting Facility: Each facility authorized to operate under this section shall submit annual operating reports in accordance with department rules. The Annual Operating Report for Air Pollutant Emitting Facility shall be completed each year and shall be submitted to the Department's Southwest District office by March 1 of the following year. [Section 403.08725(3)(e), F.S. and Rule 62-210.370(3), F.A.C.]
26. All information submitted to the department by facilities authorized to operate under this section, shall be certified as true, accurate, and complete by a responsible official of the facility. For purposes of this section, "responsible official" means that person who would be allowed to certify information and take action under the department's Title V permitting rules. [Section 403.08725(3)(a), F.S.]
27. All emissions for which the facility is limited by any standard promulgated by the United States Environmental Protection Agency must be determined and reported by a responsible official of the facility in accordance with the promulgated requirement. Reports required by this section shall be certified and submitted to the department. [Section 403.08725(3)(b), F.S.]
28. All emissions units subject to any enhanced monitoring requirement under any regulation promulgated by the United States Environmental Protection Agency must comply with such requirement. [Section 403.08725(3)(c), F.S.]

## AIR CONSTRUCTION PERMIT

### SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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29. Each facility shall have a responsible official provide and certify the annual and semiannual statements of compliance required under the department's Title V permitting rules. [Section 403.08725(3)(f), F.S.]
30. Each facility shall have a responsible official provide the department with sufficient information to determine compliance with all provisions of this section and all applicable department rules, upon request of the department. [Section 403.08725(3)(g), F.S.]
31. Records sufficient to demonstrate compliance with all provisions of this section and all applicable department rules shall be made available and maintained at the facility for a period of 5 years for inspection by the department during normal business hours. [Section 403.08725(3)(h), F.S.]
32. **Emissions Trading:** If the facility is limited by the emission limit listed in Section 403.08725(2)(c), F.S. for any such limit which the facility exceeded during the calendar year, the facility must obtain, no later than March 1 of the reporting year, sufficient allowances, generated in the same calendar year in which the limit was exceeded, to meet all limits exceeded. Any facility which fails to meet the limit and fails to secure sufficient allowances that equal or exceed the emissions resulting from such failure to meet the limit shall be subject to enforcement in the same manner and to the same extent as if the facility had violated a permit condition. For purposes of this section, an "allowance" means a credit equal to emissions of 1 ton per year of a pollutant listed in Section 403.08725(2)(c), F.S., subject to the particular limitations of paragraphs (a) and (b).
- (a) Emissions allowances may be obtained from any other facility authorized to operate under this section, provided such allowances are real, excess, and are not resulting from the shutdown of an emissions unit. Emissions allowances must be obtained for each pollutant the emissions limit of which was exceeded in the calendar year. Allowances can be applied on a pollutant-specific basis only. No cross-pollutant trading shall be allowed.
1. Real allowances are those created by the difference between the emissions limit imposed by this section and the lower emissions actually measured during the calendar year. Measurement of emissions for allowance purposes shall be determined in the manner described in this subparagraph. For purposes of measuring whether an allowance was created, a single stack test or use of emissions estimates cannot be used. Measurement of recovery of oil from citrus fruits processed shall be by material balance using the measured oil in the incoming fruit, divided into the sum of the oil remaining in juice, the cold press oil recovered, d-limonene recovered, and oil remaining in the dried pellets, expressed as a percentage. Alternatively, the material balance may use the measured oil in the incoming fruit divided into the oil measured remaining in the pressed peel prior to introduction into the feed mill dryers, in which case the decimal result shall be subtracted from the numeral 1, and added to the decimal result of the measured oil in the incoming fruit divided into the oil measured remaining in the dried pellets, with the resulting sum expressed as a percentage. Measurement of recovery of oil shall be made each operational day and averaged over the days of facility operation during each calendar year. Facilities may accept wet peel from offsite sources for drying, provided that the facility receives sufficient recorded information from the offsite source to measure available oil and oil recovery at the offsite source, and accounts for those values in determining compliance with the limitation of paragraph (2)(c) and the number of allowances that are required to be obtained, if any. Wet peel not processed through the peel dryer shall be excluded from the oil recovery calculations. Methodologies for determining oil contents shall be developed by the Institute of Food and Agricultural

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### SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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Sciences and approved by rule of the department. Other methods of measuring oil recovery or determining oil content may be approved by rule of the department, for trading purposes, provided the methods yield results equivalent to the approved methodologies.

2. Excess allowances are those not used for any other regulatory purpose. [Section 403.08725(4)(a), F.S.]
33. No facility located in an area designated nonattainment for ozone shall be allowed to acquire allowances of volatile organic compounds. Nothing shall preclude such a facility from trading volatile organic compounds allowances that it might generate to facilities not located in a nonattainment area for ozone. [Section 403.08725(4)(b), F.S.]
34. Emissions Fees: All facilities authorized to operate under this section shall pay annual emissions fees in the same amount to which the facility would be subject under the department's Title V program. For purposes of determining fees until October 31, 2002, emission fees shall be based on the requirements of Section 403.0872, F.S. Commencing July 1, 2002, the allowable annual emissions for fee purposes shall be computed as the emissions limits established by this section multiplied by the actual operation rates, heat input, and hours of operation of each new and existing source for the previous calendar year. Actual operation rates, heat input, and hours of operation of each new and existing source shall be documented by making and maintaining records of operation of each source. Fees shall not be based on stack test results. In the event that adequate records of actual operation rates and heat input are not maintained, actual operation shall be assumed to occur at the source's maximum capacity during hours of actual operation, if adequately documented. In the event that adequate records of hours of operation are not maintained, the source shall be assumed to have operated from January 1 through May 31 and October 1 through December 31 of the previous calendar year. All such annual emissions fees shall be due and payable April 1 for the preceding calendar year. Failure to pay fees shall result in penalties and interest in the same manner and to the same extent as failure to pay fees under the department's Title V program. For purposes of determining actual emissions for fee purposes, any allowances traded away shall be deducted and any allowances acquired shall be included. All fees shall be deposited into the Air Pollution Control Trust Fund. [Section 403.08725(5), F.S.]
35. Modifications And New Construction: Any facility authorized to operate under Section 403.08725, F.S. that makes any physical change or any change to the method of operation of the facility shall comply with the requirements of this section at all times, except that any facility located in an area designated as a nonattainment area for any pollutant shall also comply with limits established by department rules for all changes which increase emissions of such pollutant, and except that any facility that becomes subject to the federal acid rain program is no longer authorized to construct or operate under this section and must obtain proper department permits. [Section 403.08725(6), F.S.]



**AIR CONSTRUCTION PERMIT**

**SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS**

The following specific conditions apply to the following emissions units after construction.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
006	Peel Dryer No. 2
007	Peel Dryer No. 3

Two (2) 60,000 pound/hour (water removal rate) pressed citrus peel dryers (Citrus Peel Dryer Nos. 2 and 3) have a maximum pressed peel input rate of 50.0 tons/hour of pressed peel (including water) each. The peel dryers are each fired with natural gas at a maximum fuel usage rate of 90,000 cu ft/hour (corresponds to 93.6 MMBtu/hr at a natural gas heat content of 1040 Btu/cu ft). Standby fuel, used when natural gas supply is curtailed, is No. 4 fuel oil, with a maximum sulfur content of 0.5%, at maximum fuel usage rate of 620 gallons/hour. The exhaust gas from the peel dryers are sent to 100,000 pound/hour (water removal capacity) waste heat evaporators which function as indirect heat exchangers to drive moisture from the press liquor (from the vertical peel press), and also act as particulate scrubber control devices (and to a limited extent an SO<sub>2</sub> control device).

**STATE RULE REQUIREMENTS**

**OPERATIONAL REQUIREMENTS**

1. **Hours of Operation:** This emissions unit may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]
2. **Capacity:** The total combined input of pressed peel cake through both citrus peel dryers shall not exceed 285,700 tons for any 12 consecutive months period (daily average basis). The maximum process input rate into each of the peel dryers shall not exceed 50.0 tons/hour of total input including water (daily average basis). The maximum total natural gas usage in both of the peel dryers shall not exceed 692.3 MMcf in any 12 consecutive month period (monthly average basis). Maximum total No. 4 oil usage in both of the peel dryers shall not exceed 297,600 gallons in any 12 consecutive month period (monthly average basis). [Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; Air Construction Permit 1050001-003-AC]
3. **Fuel Sulfur Limited:** No facility shall fire fuel oil containing greater than 0.5 percent sulfur by weight. Those facilities without access to natural gas shall be limited to fuel oil containing no greater than 1 percent sulfur by weight. In addition, facilities may use fuel oil with no greater than 1.5 percent sulfur by weight for up to 400 hours per calendar year. The use of natural gas is not limited by this paragraph. The use of d-limonene as a fuel is not limited by this paragraph. [Section 403.08725(2)(d), F.S.]
4. **Visible Emissions Limited:** For visible emissions, the levels of visible emissions at all times during operation, expressed as a percent of opacity, are 20 percent. [Section 403.08725(2)(g)1., F.S.]
5. **NOx Emissions Limited:** For nitrogen oxides, the emissions levels, expressed in pounds of nitrogen dioxide per million British thermal units of heat produced, unless otherwise specified, are established for citrus peel dryers:
  - a. Sources that fire natural gas, propane, ethanol, biogas, or d-limonene: not limited.
  - b. Sources that fire fuel oil: 0.34 pounds per million British thermal units. [Section 403.08725(2)(f)1., F.S.]

## AIR CONSTRUCTION PERMIT

### SECTION III: EMISSIONS UNITS SPECIFIC CONDITIONS

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6. Particulate Matter Emissions Limited: For particulate matter of 10 microns or less, the emissions levels, expressed in pounds per million British thermal units of heat input, unless otherwise specified, are established for new and existing sources, regardless of production capacity, 15 pounds per hour. [Section 403.08725(2)(e)1., F.S.]

#### COMPLIANCE MONITORING AND TESTING REQUIREMENTS

7. Tests Required: Emission sources subject to limitations for particulate matter, nitrogen oxides, and visible emissions pursuant to Section 403.08725(2)(e)-(g), F.S. shall test emissions annually, except as provided in subparagraphs 1. - 4., in accordance with department rules using United States Environmental Protection Agency test methods or other test methods specified by department rule. [Section 403.08725(3)(i), F.S.]
8. Fuel Sulfur Content Tests: Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. [Section 403.08725(3)(j), F.S.]
9. Visible Emission Tests Required: Tests for visible emissions shall be conducted using United States Environmental Protection Agency Method 9. [Section 403.08725(3)(i)2., F.S.]
10. NOx Emissions Tests Required: Tests for nitrogen oxides shall be conducted using Environmental Protection Agency Method 7E. [Section 403.08725(3)(i)3., F.S.]
11. Particulate Matter Emissions Tests Required: Tests for particulate matter of 10 microns or less may be conducted using United States Environmental Protection Agency Method 5, provided that all measured particulate matter is assumed to be particulate matter of 10 microns or less. [Section 403.08725(3)(i)1., F.S.]
12. Emissions Tests Waived: Tests for particulate matter of 10 microns or less for process steam boilers, combustion turbines, and duct burners, and tests for nitrogen oxides for citrus peel dryers, process steam boilers, and duct burners, are not required while firing fuel oil in any calendar year in which these sources did not fire fuel oil for more than 400 hours. [Section 403.08725(3)(i)4., F.S.]

#### REPORTING AND RECORD KEEPING REQUIREMENTS

13. The following records shall be maintained:

##### DAILY

- ◆ Operating hours for each dryer.
- ◆ No. 6 fuel oil usage by each dryer.
- ◆ Total pressed wet peel to each dryer in tons/day.
- ◆ Natural gas usage by each dryer.

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SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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**Monthly**

- ◆ Operating hours for each dryer
- ◆ No. 6 fuel oil usage by the dryers.
- ◆ Total combined pressed wet peel to the dryers in tons.
- ◆ Natural gas usage by each dryer.

*Daily records shall be completed by the end of the next business day; monthly logs shall be completed by the 10<sup>th</sup> day of the following month. [Rule 62-213.440(1), F.A.C.]*

**AIR CONSTRUCTION PERMIT**

**SECTION III: EMISSIONS UNITS SPECIFIC CONDITIONS**

The following specific conditions apply to the following emissions units after construction.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	Johnston 800 HP Boiler
004	1000 HP Johnston Boiler
008	Boiler No. 3 (2000 HP)
012	New 1000 HP Boiler

The Johnston Super 509, high efficiency 800 HP boiler (31.0 MMBtu/hr) supplies 27,000 pounds per hour of steam. The Johnston 1000 HP boiler has a maximum heat input of 42.0 MMBtu/hr. The 2000 HP Johnson steam boiler is fired with natural gas at a maximum fuel usage rate of 81,102 cu. ft./hour (corresponds to 84.35 MMBtu/hr at a natural gas heat content of 1040 Btu/cu. ft). The New 1000 HP boiler is limited to one of a physical capacity of 38.5 MMBtu/hour or less. The boilers are fired with natural gas, with a standby fuel used when natural gas is curtailed, of No. 4 fuel oil with a maximum sulfur content of 0.5 %. Emission Units 008 and 012 are also subject to Federal New Source Performance Standards Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units).

A 125 HP, natural gas-fired Johnson boiler is considered insignificant.

**STATE RULE REQUIREMENTS**

**OPERATIONAL REQUIREMENTS**

1. **Hours of Operation:** These emissions units may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]
2. **Capacity.** The maximum total natural gas usage in all of the boilers (including insignificant boiler) shall not exceed 577.5 MMcf in any 12 consecutive month period. Maximum total No. 4 oil usage in all of the boilers shall not exceed 237,600 gallons in any 12 consecutive month period. [Rules 62-4.070(3), 62-210.200 and 62-296.406, F.A.C.; and, 1050001-004-AC]
3. **Fuel Sulfur Limited:** Except as otherwise provided herein, no facility shall fire fuel oil containing greater than 0.5 percent sulfur by weight. Those facilities without access to natural gas shall be limited to fuel oil containing no greater than 1 percent sulfur by weight. In addition, facilities may use fuel oil with no greater than 1.5 percent sulfur by weight for up to 400 hours per calendar year. The use of natural gas is not limited by this paragraph. The use of d-limonene as a fuel is not limited by this paragraph. [Section 403.08725(2)(d), F.S.]
4. **Particulate Matter Limited:** For particulate matter of 10 microns or less, the emissions levels, expressed in pounds per million British thermal units of heat input, unless otherwise specified, are established for the following types of new and existing sources:
  - a. Sources fired with natural gas, propane, ethanol, biogas, or d-limonene: not limited.
  - b. New sources fired with fuel oil: 0.10 pounds per million British thermal units.

No process steam boiler shall fire any fuel other than natural gas, propane, ethanol, biogas, d-limonene, or fuel oil. No process steam boiler shall fire used oil. [Section 403.08725(2)(e)3., F.S.]

## AIR CONSTRUCTION PERMIT

### SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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5. Visible Emissions Limited: The levels of visible emissions at all times during operation, expressed as a percent of opacity, are established for process steam boilers is 20 percent. [Section 403.08725(2)(g)3., F.S.]
6. NOx Emissions Limited: The emissions levels, expressed in pounds of nitrogen dioxide per million British thermal units of heat produced, unless otherwise specified, are established for the following types of new and existing process steam boilers:
  - a. New sources with a heat input capacity of 67 million British thermal units per hour or less and existing sources regardless of heat input capacity: not limited.
  - b. New sources with a heat input capacity of more than 67 million British thermal units per hour: 0.10 pounds per million British thermal units. [Section 403.08725(2)(f)2., F.S.]

#### COMPLIANCE MONITORING AND TESTING REQUIREMENTS

7. Tests Required: Emission sources subject to limitations for particulate matter, nitrogen oxides, and visible emissions pursuant to Section 403.08725(2)(e)-(g), F.S. shall test emissions annually, except as provided in subparagraphs 1. - 4., in accordance with department rules using United States Environmental Protection Agency test methods or other test methods specified by department rule. [Section 403.08725(3)(i), F.S.]
8. Fuel Sulfur Content Tests: Measurement of the sulfur content of fuel oil shall be by latest American Society for Testing and Materials methods suitable for determining sulfur content. Sulfur dioxide emissions shall be determined by material balance using the sulfur content and amount of the fuel or fuels fired in each emission source, assuming that for each pound of sulfur in the fuel fired, 2 pounds of sulfur dioxide are emitted. [Section 403.08725(3)(j), F.S.]
9. Visible Emission Tests Required: Tests for visible emissions shall be conducted using United States Environmental Protection Agency Method 9. [Section 403.08725(3)(i)2., F.S.]
10. Particulate Matter Emissions Tests Required: Tests for particulate matter of 10 microns or less may be conducted using United States Environmental Protection Agency Method 5, provided that all measured particulate matter is assumed to be particulate matter of 10 microns or less. [Section 403.08725(3)(i)1., F.S.]
11. Nitrogen Oxides Emissions Tests Required: Tests for nitrogen oxides shall be conducted using Environmental Protection Agency Method 7E. [Section 403.08725(3)(i)3., F.S.]
12. Emissions Tests Waived: Tests for particulate matter of 10 microns or less for process steam boilers, combustion turbines, and duct burners, and tests for nitrogen oxides for citrus peel dryers, process steam boilers, and duct burners, are not required while firing fuel oil in any calendar year in which these sources did not fire fuel oil for more than 400 hours. [Section 403.08725(3)(i)4., F.S.]

#### REPORTING AND RECORD KEEPING REQUIREMENTS

13. Fuel Sulfur Content Records: The owner or operator shall maintain records of sulfur content of each delivery of distillate fuel oil received for these emissions units. [Rule 62-4.070(3), F.A.C.]

## AIR CONSTRUCTION PERMIT

### SECTION III: EMISSIONS UNITS SPECIFIC CONDITIONS

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14. Records of Design Heat Input Capacity: The owner or operator shall maintain monthly records of the heat input to each boiler to demonstrate compliance the heat input limits of this section. [Rule 62-4.070(3), F.A.C.]
15. Pursuant to 40 CFR 60.48c NSPS Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units), the permittee is required to maintain daily records of the amount of natural gas combusted. Since none of the emission limits in Subpart Dc are applicable to this boiler when firing natural gas (the primary fuel for this boiler), it has been determined by the Department that keeping records for natural gas usage on a monthly rather than daily basis is adequate for the purpose of verifying the periods that only natural gas is burned in this unit. This requirement is applicable to EU 008 and 012, only. [Rule 62-296.810, F.A.C.; 40 CFR 60.48c(g) and (i)]
16. The permittee shall maintain a (daily) record of the quantity of fuel oil used for each day of operation. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(g) and 40 CFR 60.48c(i)]
17. The permittee shall submit quarterly reports of the fuel oil supplier sulfur content certification records for any calendar quarter during which fuel oil is fired in EU 008. In addition to the above, the quarterly report shall include a certified statement signed by the owner or operator of the facility that the records of the fuel supplier certifications submitted represent all of the fuel combusted during the quarter. The quarterly reports shall be submitted to the Air Compliance Section of the Southwest District Office of the Department within 30 days of the end of the quarter being reported. [Rule 62-204.800(7)(b)4., F.A.C.; 40 CFR 60.48c(e)(11)]

AIR CONSTRUCTION PERMIT

SECTION III: EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions units after construction.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
009	Pellet Cooler No. 2
010	Pellet Cooler No. 3

The two Citrus Peel Coolers Nos. 2 and 3 each has a design process output rate of 24.0 tons per hour of dried citrus. Dried citrus peel from the feed mill dryer is sent to the pellet mill where molasses is added and it is cooled and formed into pellets for use as an animal feed supplement. Particulate matter emissions, from the peel coolers, are controlled by cyclone dust collectors (8,000 acfm each).

STATE RULE REQUIREMENTS

**OPERATIONAL REQUIREMENTS**

1. Hours of Operation: This emissions unit may operate up to 8,760 hours/year. [Rules 62-4.070(3) and 62-210.200, F.A.C., and limitation on potential to emit]
2. Capacity. The maximum pellet cooler process output (production) rate shall not exceed 24.0 tons per hour of dried peel material for each of the two coolers. [Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.; Air Construction Permit 1050001-003-AC]
3. Particulate Matter Emissions Limited: For particulate matter of 10 microns or less, the emissions levels, expressed in pounds per million British thermal units of heat input, unless otherwise specified, are 5 pounds per hour for new and existing sources, regardless of production capacity. [Section 403.08725(2)(e)2., F.S.]
4. Visible Emissions Limited: The levels of visible emissions at all times during operation, expressed as a percent of opacity, are 5 percent. [Section 403.08725(2)(g)2., F.S.]

**COMPLIANCE MONITORING AND TESTING REQUIREMENTS**

5. Tests Required: Emission sources subject to limitations for particulate matter, nitrogen oxides, and visible emissions pursuant to Section 403.08725(2)(e)-(g), F.S. shall test emissions annually, except as provided in subparagraphs 1. - 4., in accordance with department rules using United States Environmental Protection Agency test methods or other test methods specified by department rule. [Section 403.08725(3)(i), F.S.]
6. Visible Emission Tests Required: Tests for visible emissions shall be conducted using United States Environmental Protection Agency Method 9. [Section 403.08725(3)(i)2., F.S.]
7. Particulate Matter Tests Required: Tests for particulate matter of 10 microns or less may be conducted using United States Environmental Protection Agency Method 5, provided that all measured particulate matter is assumed to be particulate matter of 10 microns or less. Tests for compliance with the particulate matter emission limit of Section 403.08725(2)(e)2., F.S. for the pellet cooler or cooling reel are waived as long as the facility complies with the visible emissions limitation of Section 403.08725(2)(g)2., F.S. If any visible emissions test for the pellet cooler or cooling reel does not demonstrate compliance with the visible emissions limitation of Section 403.08725(2)(g)2., F.S., the emissions unit shall be tested for compliance with the particulate matter emission limit of

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

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Section 403.08725(2)(e)2., F.S., within 30 days after the visible emissions test. [Section 403.08725(3)(i)1., F.S.]

**REPORTING AND RECORD KEEPING REQUIREMENTS**

8. The following records shall be maintained:

Daily

- ◆ Operating hours of the coolers.
- ◆ Average dry peel input rate to the coolers in tons/hour.

Monthly

- ◆ Total hours of operation.
- ◆ Total peel to the coolers in tons/month.

*Daily records shall be completed by the end of the next business date; Monthly logs shall be completed by the 10th day of the following month. [Rule 62-213.440(1), F.A.C.]*



APPENDIX GC  
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and 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 or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
- G.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 Department rules, unless specifically authorized by an order from the Department.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or used by the permittee to achieve compliance with the conditions of this permit, as required by Department 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 Department rules.
- G.7 The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the 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 Department rules.

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

- G.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 Department with the following information:
- (a) A description of and cause of non-compliance; and
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.

**APPENDIX GC**  
GENERAL PERMIT CONDITIONS [RULE 62-4.160, F.A.C.]

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- G.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 Department may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.73 and 403.111, 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.
- G.10 The permittee agrees to comply with changes in Department 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 Department rules.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology (X);
  - (b) Determination of Prevention of Significant Deterioration ( ); and
  - (c) Compliance with New Source Performance Standards (X).
- G.14 The permittee shall comply with the following:
- (a) Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - (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 the permit, copies of all reports required by this permit, and records of all data used to complete the application or 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 Department rule.
  - (c) Records of monitoring information shall include:
    - 1. The date, exact place, and time of sampling or measurements;
    - 2. The person responsible for performing the sampling or measurements;
    - 3. The dates analyses were performed;
    - 4. The person responsible for performing the analyses;
    - 5. The analytical techniques or methods used; and
    - 6. The results of such analyses.
- G.15 When requested by the Department, 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 Department, such facts or information shall be corrected promptly.



Jeb Bush  
Governor

# Department of Environmental Protection

Twin Towers Office Building  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

David B. Struhs  
Secretary

## P.E. Certification Statement

**Permittee:**  
Citrosuco North America, Inc.

**Permit No.:** 1050001-006-AC

**Project type:** Citrus Oil Recovery

*I HEREBY CERTIFY that the engineering features described in the above referenced application and subject to the proposed permit conditions provide reasonable assurance of compliance with applicable provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Chapters 62-4 and 62-204 through 62-297. However, I have not evaluated and I do not certify aspects of the proposal outside of my area of expertise (including but not limited to the electrical, mechanical, structural, hydrological, and geological features).*

*This permit is issued under Section 403.08725, F.S.*

Scott M. Sheplak      10/08/02  
Scott M. Sheplak, P.E.      date  
Registration Number: 48866

Permitting Authority:  
Department of Environmental Protection  
Bureau of Air Regulation  
111 South Magnolia Drive, Suite 4  
Tallahassee, Florida 32301  
Telephone: 850/921-9532  
Fax: 850/922-6979

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