

Jeb Bush  
Governor

# Department of Environmental Protection

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

Colleen M. Castille  
Secretary

October 22, 2004

Mr. Bert E. Roper  
President  
Citrus Service, Inc.  
P. O. Box 770218  
Winter Garden, Florida 34777-0218

Re: Title V Air Operation Permit Renewal  
PROPOSED Permit Project No.: 0530004-005-AV  
Citrus Service, Inc. Brooksville Plant

Dear Mr. Roper:

One copy of the "PROPOSED Determination" for the renewal of a Title V Air Operation Permit for the Citrus Service, Inc. Brooksville Plant located at 27 E. Martin Luther King, Jr. Boulevard, Brooksville, Hernando County, is enclosed. This letter is only a courtesy to inform you that the DRAFT Permit has become a PROPOSED Permit.

An electronic version of this determination has been posted on the Division of Air Resources Management's world wide web site for the United States Environmental Protection Agency (USEPA) Region 4 office's review. The web site address is:

"[http://www.dep.state.fl.us/air/permitting/airpermits/AirSearch\\_ltd.asp](http://www.dep.state.fl.us/air/permitting/airpermits/AirSearch_ltd.asp)"

Pursuant to Section 403.0872(6), Florida Statutes, if no objection to the PROPOSED Permit is made by the USEPA within 45 days, the PROPOSED Permit will become a FINAL Permit no later than 55 days after the date on which the PROPOSED Permit was mailed (posted) to USEPA. If USEPA has an objection to the PROPOSED Permit, the FINAL Permit will not be issued until the permitting authority receives written notice that the objection is resolved or withdrawn.

If you should have any questions, please contact Edward J. Svec, at 850/921-8985.

Sincerely,

Trina L. Vielhauer, Chief  
Bureau of Air Regulation

TV/es

Enclosures

copy furnished to:

Mr. Joseph P. Stine, P.E.

Mr. Jason Waters, DEP SW District

USEPA, Region 4 (INTERNET E-mail Memorandum)

"More Protection, Less Process"

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## **PROPOSED Determination**

Title V Air Operation Permit Renewal  
PROPOSED Permit Project No.: 0530004-005-AV  
Page 1 of 1

### **I. Public Notice.**

An "INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" to Citrus Service, Inc. for the Brooksville Plant located at 27 E. Martin Luther King, Jr. Boulevard, Brooksville, Hernando County was clerked on August 30, 2004. The "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" was published in The Hernando Times, Brooksville, on September 21, 2004. The DRAFT Permit was available for public inspection at the Department's Southwest District office in Tampa and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL" was received on September 27, 2004.

### **II. Public Comment(s).**

A. A comment was received and the DRAFT Permit was changed. The comment was not considered significant enough to reissue the DRAFT Permit and require another Public Notice. A written comment was received from one respondent during the 30 (thirty) day public comment period.

1. "I have reviewed Citrus Service renewal of Title V Air Operation Permit No. 0530004-005-AV. One typographical error was found. Please correct Renewal Application Due Date: June 13, 2004 to June 13, 2009."

**Response:** The Department agrees that the incorrect date was stated on the placard page of the permit for the renewal application. As a result of the comment, the following change is made to the placard page:

**From: Renewal Application Due Date: June 13, 2004**

**To: Renewal Application Due Date: June 13, 2009**

### **B. Documents on file with the permitting authority:**

-E-mailed letter received September 15, 2004, from Joe Stine, P.E.

### **III. Conclusion.**

The permitting authority hereby issues the PROPOSED Permit, with any changes noted above.

## **STATEMENT OF BASIS**

Citrus Service, Inc.  
Brooksville Facility  
Facility ID No.: 0530004  
Hernando County

### **Title V Air Operation Permit Renewal PROPOSED Permit Project No.: 0530004-005-AV**

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

The subject of this permit is for the renewal of Title V Air Operation Permit and the incorporation of a construction permit, No. 0530004-006-AC.

The construction permit restricts the facility to processing no more than 1,000,000 boxes of citrus fruit in any consecutive 12 month period, making it no longer subject to Chapter 403.08725, Florida Statutes. The applicant has contended that this plant does not have the capacity to process two million boxes of citrus fruit, which was confirmed by a plant inspection and historical production records. The construction permit also authorizes continuous operation of the 150 HP, Johnson Process Steam Boiler (Boiler No. 2), Emissions Unit ID -004. CAM does not apply.

This facility consists of a citrus peel dryer with a waste heat evaporator, a peel cooler, and two process steam boilers.

Citrus Peel Dryer with Waste Heat Evaporator (WHE): The peel dryer is used to process wet peel into cattle feed. It processes a maximum of 20,000 lb/hr of pressed peel containing approximately 70% moisture and brix citrus molasses. The WHE is designed to evaporate a maximum of 10,000 lb/hr of water. Particulate matter emissions are vented to the atmosphere through the WHE stack. The dryer is fired with new No. 6 fuel oil with a maximum sulfur content of 1.5% by weight. The design maximum heat rate input of the dryer is 15.0 MMBtu/hr (corresponds to 100 gallons/hr of No. 6 fuel oil). CAM does not apply.

Peel Cooler: A peel cooler (screen shaker type) uses ambient air to cool the dried peel. Particulate matter emissions generated from this operation is controlled by a cyclone dust collector. The peel cooler has a maximum process input rate of 5,400 lb/hr of dried peel. CAM does not apply.

600 HP Cleaver-Brooks Process Steam Boiler (Boiler No. 1): The main process steam boiler used to run the evaporators is a Cleaver-Brooks, Model CB420, 600 HP boiler, designated as Boiler No. 1. This boiler is fired with new No. 6 fuel oil having a maximum sulfur content not to exceed 1.5% by weight. The design maximum heat rate input is 25.1 MMBtu/hr (corresponds to 167 gallons/hr of No. 6 fuel oil). Boiler No. 1 is the main process steam boiler used at the facility. CAM does not apply.

150 HP Johnson Process Steam Boiler (Boiler No. 2): A Johnson 150 HP process steam boiler, designated as Boiler No. 2, is mainly used to supply steam to the juice blending pasteurizer and thawer. The juice blending operation is operated intermittently throughout the year. This boiler is fired with new No. 2 fuel oil with a maximum sulfur content of 0.05% by weight. The design maximum heat rate input is 6.28 MMBtu/hr (corresponds to 45.0 gallons/hr of No. 2 fuel oil). CAM does not apply.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal application received June 16, 2004, this facility is not a major source of hazardous air pollutants (HAPs).

Citrus Service, Inc.  
Brooksville Facility  
Facility ID No.: 0530004  
Hernando County

**Title V Air Operation Permit Renewal**

**PROPOSED Permit Project No.: 0530004-005-AV**

Permitting Authority:  
State of Florida  
Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
Title V Section

Mail Station #5505  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

Telephone: 850/488-0114  
Fax: 850/922-6979

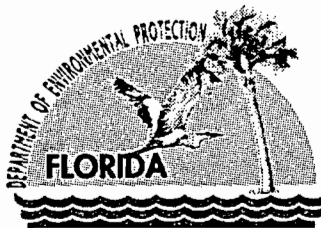
Compliance Authority:  
Department of Environmental Protection  
Southwest District Office  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218  
Telephone: 813/744-6100  
Fax: 813/744-6084

# **Title V Air Operation Permit Renewal**

**PROPOSED Permit No.: 0530004-005-AV**

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Jeb Bush  
Governor

# Department of Environmental Protection

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

Colleen M. Castille  
Secretary

**Permittee:**

Citrus Service, Inc.  
P.O. Box 770218  
Winter Garden, Florida 34777-0218

**PROPOSED Permit No.:** 0530004-005-AV

**Facility ID No.:** 0530004

**SIC Nos.:** 20, 2037

**Project:** Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V Air Operation Permit and incorporate a construction permit, No. 0530004-006-AC. This existing facility is located at 27 E. Martin Luther King, Jr. Boulevard, Brooksville, Hernando County; UTM Coordinates: Zone 17, 364.2 km East and 3158.3 km North; and, Latitude: 28° 32' 44" North and Longitude: 82° 23' 12" West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

**Referenced attachments made a part of this permit:**

Appendix I-1, List of Insignificant Emissions Units and/or Activities  
APPENDIX TV-4, TITLE V CONDITIONS version dated 02/12/02  
APPENDIX SS-1, STACK SAMPLING FACILITIES version dated 10/07/96  
TABLE 297.310-1, CALIBRATION SCHEDULE version dated 10/07/96

**Effective Date:** December 14, 2004

**Renewal Application Due Date:** June 13, 2009

**Expiration Date:** December 13, 2009

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Michael G. Cooke, Director  
Division of Air Resource  
Management

MGC/sms/es

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**Section I. Facility Information.**

**Subsection A. Facility Description.**

The facility produces single strength juice, blended juice, and concentrate for bulk sale. The regulated emissions units are a citrus peel dryer with a waste heat evaporator, a peel cooler, and two process steam boilers.

Also included in this permit are miscellaneous insignificant emissions units and/or activities.

Based on the Title V Air Operation Permit Renewal application received June 16, 2004, this facility is not a major source of hazardous air pollutants (HAPs).

**Subsection B. Summary of Emissions Unit ID No(s). and Brief Description(s).**

**E.U. ID**

<b><u>No.</u></b>	<b><u>Brief Description</u></b>
002	600 HP Cleaver-Brooks Process Steam Boiler (Boiler No. 1)
003	Citrus Peel Dryer w/Waste Heat Evaporator
004	150 HP Johnson Process Steam Boiler (Boiler No. 2)
005	Peel Cooler

*Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.*



**Subsection C. Relevant Documents.**

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Table 1-1: Summary of Air Pollutant Standards and Terms

Table 2-1: Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History

Statement of Basis

These documents are on file with the permitting authority:

Initial Title V Air Operation Permit issued December 13, 1999

Application for a Title V Air Operation Permit Renewal received June 16, 2004

Additional Information Request dated June 28, 2004

Additional Information Response received July 16, 2004

## Section II. Facility-wide Conditions.

### The following conditions apply facility-wide:

1. APPENDIX TV-4, TITLE V CONDITIONS, is a part of this permit.  
{Permitting note: APPENDIX TV-4, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided a copy when requested or otherwise appropriate.}
  2. **[Not federally enforceable.]** General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. No person shall cause, suffer, allow, or permit the discharge of air pollutants which cause or contribute to an objectionable odor.  
[Rule 62-296.320(2), F.A.C.]
  3. General Particulate Emission Limiting Standards. 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 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.  
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]
  4. Prevention of Accidental Releases (Section 112(r) of CAA).
    - a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:  

RMP Reporting Center  
Post Office Box 1515  
Lanham-Seabrook, MD 20703-1515  
Telephone: 301/429-5018
- and,
- b. The permittee shall submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.  
[40 CFR 68]
5. Insignificant Emissions Units and/or Activities. Appendix I-1, List of Insignificant Emissions Units and/or Activities, is a part of this permit.  
[Rules 62-213.440(1), 62-213.430(6) and 62-4.040(1)(b), F.A.C.]
6. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.  
The following requirements are “not federally enforceable”:
  - a. ensure all lids, caps, covers on cans and other containers are properly fitted and maintained such that vapor emissions are minimized;

- b. repair all leaks in piping, process equipment, and storage containers immediately and/or removing solvents to secure containers until repairs can be effected; and,
- c. all VOC from solvent washing (equipment cleanup) shall be directed into containers that prevent evaporation into the atmosphere.

[Rule 62-296.320(1)(a), F.A.C.; and, proposed by the applicant in the renewal Title V permit application received June 16, 2004]

**7. Emissions of Unconfined Particulate Matter.** Pursuant to Rules 62-296.320(4)(c)1., 3. & 4., F.A.C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements (see Condition 57. of APPENDIX TV-4, TITLE V CONDITIONS):

The following requirements are "not federally enforceable":

- a. removal of fugitive dust and particulate matter by sweeping if tracked outside feed warehouse;
- b. maintenance of paved areas as needed; and,
- c. an enclosed warehouse for dried peel storage.

[Rule 62-296.320(4)(c)2., F.A.C.; and, proposed by the applicant in the renewal Title V permit application received June 16, 2004]

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

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

**9. Statement of Compliance.** The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., F.A.C., shall be submitted to the Department and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), F.A.C.  
[Rules 62-213.440(3) and 62-213.900, F.A.C.]

{Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., F.A.C. (see Condition 51. of APPENDIX TV-4, TITLE V CONDITIONS)}

**10.** The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Southwest District office.

Department of Environmental Protection  
Southwest District Office  
3804 Coconut Palm Drive  
Tampa, Florida 33619-8218  
Telephone: 813/744-6100; Fax: 813/744-6458

**11.** Any reports, data, notifications, certifications, and requests required to be sent to the United States Environmental Protection Agency, Region 4, should be sent to:

United States Environmental Protection Agency  
Region 4  
Air, Pesticides & Toxics Management Division  
Air and EPCRA Enforcement Branch  
Air Enforcement Section  
61 Forsyth Street  
Atlanta, Georgia 30303-8960  
Telephone: 404/562-9155; Fax: 404/562-9163

**12. Certification by Responsible Official (RO).** In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.

[Rule 62-213.420(4), F.A.C.]

**13. Fruit Throughput Limited:** The owner or operator shall not process more than 1.0 million boxes of citrus fruit in any consecutive 12 month period. For purposes of this permit, a box of citrus fruit shall be defined to contain 90 pounds of oranges or 85 pounds of grapefruit. The owner or operator shall make and maintain monthly and rolling 12 month records of fruit processing rates to demonstrate compliance with this limitation. Such records shall be made from daily processing records and shall be completed no later than the 10<sup>th</sup> day of each following month.

[Rule 62-4.070(3), F.A.C.; and, 0530004-006-AC]

### **Section III. Emissions Unit(s) and Conditions.**

#### **Subsection A. This section addresses the following emissions unit(s).**

<u><b>E.U. ID No.</b></u>	<u><b>Brief Description</b></u>
-003	Citrus Peel Dryer w/Waste Heat Evaporator
-005	Peel Cooler

**Citrus Peel Dryer with Waste Heat Evaporator (WHE):** The peel dryer is used to process wet peel into cattle feed. It processes a maximum of 20,000 lb/hr of pressed peel containing approximately 70% moisture and Brix citrus molasses. The WHE is designed to evaporate a maximum of 10,000 lb/hr of water. Particulate matter emissions are vented to the atmosphere through the WHE stack. The dryer is fired with new No. 6 fuel oil with a maximum sulfur content of 1.5% by weight. The design maximum heat rate input of the dryer is 15.0 MMBtu/hr (corresponds to 100 gallons/hr of No. 6 fuel oil).

**Peel Cooler:** A peel cooler (screen shaker type) uses ambient air to cool the dried peel. Particulate matter emissions generated from this operation is controlled by a cyclone dust collector. The peel cooler has a maximum process input rate of 5,400 lb/hr of dried peel.

Permitting note: The dryer and peel cooler are subject to Rule 62-296.320(4)(a), Process Weight Table.

#### **The following specific conditions apply to the emissions unit(s) listed above:**

##### **Essential Potential to Emit (PTE) Parameters**

###### **A.1. Permitted Capacity.**

- (a) The maximum permitted input to the dryer is 10 tons/hr of wet peel (daily average basis).
- (b) The maximum permitted input to the peel cooler is 2.7 tons/hr of dried, hot peel (daily average basis).

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

{Permitting Note: The permittee is not required to demonstrate compliance with the hourly limit for peel cooler input rate, other than during visible emissions testing, unless requested by the Department.}

###### **A.2. Methods of Operation - (Fuels).** The following restrictions and limitations shall apply to the operation of the dryer:

- (a) Fuel Type: New No. 6 Fuel Oil; Propane, Natural Gas
- (b) Fuel Usage Rate, Max.: 100 gallons/hr (daily average basis)
- (c) Sulfur Content, Max.: 1.5% by weight

[Rule 62-213.410, F.A.C.]

{Permitting Note: The permittee is not required to demonstrate compliance with the hourly limit for fuel usage, other than during emissions testing, unless requested by the Department.}

**A.3. Hours of Operation.** The emissions units are allowed to operate continuously, i.e., 8,760 hours/year.  
[Rule 62-210.200(PTE), F.A.C.]

### **Emission Limitations and Standards**

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

{Permitting Note: Unless otherwise specified, the averaging times for Specific Conditions **A.4.-A.5.** are based on the specified averaging time of the applicable test method.}

**A.4. Particulate Matter.** Particulate matter emissions from the dryer and peel cooler shall not exceed the following:

$$E = 3.59 (P^{0.62}) \quad \text{where } E = \text{emissions in lbs/hr and } P = \text{process weight rate in tons/hr}$$

The maximum process weight is 10 tons/hr for the dryer and 2.7 tons/hr for the peel cooler. Therefore, the particulate matter emission rates shall not exceed a maximum of 15.0 lb/hr for the dryer and 6.64 lb/hr for the peel cooler. At lesser process weights, the particulate matter emissions limit shall be determined using the above equation.

[Rules 62-210.200(PTE) and 62-296.320(4)(a)2.(Process Weight Table), F.A.C.]

**A.5. Visible Emissions.** Visible emissions from the dryer and peel cooler shall not be equal to or greater than 20% opacity.  
[Rule 62-296.320(4)(b), F.A.C.]

### **Excess Emissions**

{Permitting Note:<sup>1</sup> The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

**A.6.** Excess emissions resulting from startup, shutdown or malfunction of any source shall be permitted providing (1) best operational practices to minimize emissions are adhered to (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.  
[Rule 62-210.700(1), F.A.C.]

**A.7.** 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.  
[Rule 62-210.700(4), F.A.C.]

**Test Methods and Procedures**

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**A.8. Particulate Matter.** The test methods for particulate emissions shall be EPA Method 5 incorporated by reference in Chapter 62-297, F.A.C.  
[Rules 62-213.440 and 62-297.620(4), F.A.C.]

**A.9. Visible Emissions.** EPA Method 9 shall be used to determine opacity compliance pursuant to Chapter 62-297, F.A.C.  
[Rule 62-297.401, F.A.C.]

**A.10.** The permittee shall demonstrate compliance with the liquid fuel sulfur limit by the vendor providing a fuel analysis upon each fuel delivery or on analysis of as-received samples taken at the facility.  
[Rules 62-213.440 and 62-296.406(3), F.A.C.]

**A.11. Fuel Sulfur Content Tests for Fuel Oil:** The owner or operator shall determine the sulfur content of each delivery of distillate fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of Specific Condition **A.2**.  
[Rule 62-213.440, F.A.C.]

**A.12. Required Number of Test Runs.** For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five day period allowed for the test, the Secretary or his or her designee may accept the results of the two complete runs as proof of compliance, provided that the arithmetic mean of the results of the two complete runs is at least 20 percent below the allowable emission limiting standards.  
[Rule 62-297.310(1), F.A.C.]

**A.13. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this

case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.  
[Rules 62-297.310(2) & (2)(b), F.A.C.]

**A.14. Calculation of Emission Rate.** The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule.  
[Rule 62-297.310(3), F.A.C.]

**A.15. Applicable Test Procedures.**

**(a) Required Sampling Time.**

1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
2. **Opacity Compliance Tests.** When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
  - a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
  - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
  - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

**(b) Minimum Sample Volume.** Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.

**(c) Required Flow Rate Range.** For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.

**(d) Calibration of Sampling Equipment.** Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1, attached as part of this permit.

**(e) Allowed Modification to EPA Method 5.** When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.  
[Rule 62-297.310(4), F.A.C.]



**A.16. Required Stack Sampling Facilities.** When a mass emissions stack test is required, the permittee shall comply with the requirements contained in Appendix SS-1, Stack Sampling Facilities, attached to this permit.  
[Rule 62-297.310(6), F.A.C.]

**A.17. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

**(a) General Compliance Testing.**

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:

- a. Did not operate; or
- b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.

4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:

- a. Visible emissions, if there is an applicable standard;
- b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
- c. Each NESHAP pollutant, if there is an applicable emission standard.

9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of 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.

**(b) Special Compliance Tests.** When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.

**(c) Waiver of Compliance Test Requirements.** If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.

[Rule 62-297.310(7), F.A.C.; and, SIP approved]

### **Monitoring of Operations**

#### **A.18. Determination of Process Variables.**

(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.

[Rule 62-297.310(5), F.A.C.]

**A.19.** The permittee shall keep a daily log of the WHE (scrubber) operating parameters. The operating parameters used to control the WHE are observation of flow through sight gauges on the press liquor feed line, the molasses product line and the vacuum line. The log shall include, at a minimum, the date, WHE operating parameters (measured at least once per 8-hour shift), and the initials of the person responsible for performing the measurements. Waste Heat Evaporator (WHE) operating parameters shall be maintained at a minimum of 90% of the values measured and recorded during the most recent particulate matter emission compliance test.

[Rules 62-210.650 and 62-213.440(1), F.A.C.]

### **Recordkeeping and Reporting Requirements**

**A.20.** In order to document compliance with sulfur content limits, records of the sulfur content, in % by weight, of the No. 6 fuel oil used in the dryer shall be kept. The records shall be either vendor provided as-shipped analysis, or analysis of as-received samples taken at the plant.

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

**A.21.** In order to document compliance with the maximum permitted input limit for the dryer (see Condition No. A.1), the permittee shall maintain a record of daily dryer wet peel input (tons) and dryer hours of operation and the calculated dryer wet peel input rate (tons/hr).

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

{Permitting Note: The daily wet peel input weight is determined by subtracting the juice weight (% juice by weight x weight of fruit processed) from the fruit weight. Both the % juice by weight and the fruit weight are determined for each day of fruit processing.}

**A.22.** In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

**A.23.** Submit to the Department a written report of emissions in excess of emission limiting for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

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

**A.24. Test Reports.**

- (a) 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.
- (b) 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.
- (c) 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 following information:
  - 1. The type, location, and designation of the emissions unit tested.
  - 2. The facility at which the emissions unit is located.
  - 3. The owner or operator of the emissions unit.
  - 4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
  - 5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
  - 6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
  - 7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
  - 8. The date, starting time and duration of each sampling run.
  - 9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
  - 10. The number of points sampled and configuration and location of the sampling plane.
  - 11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
  - 12. The type, manufacturer and configuration of the sampling equipment used.
  - 13. Data related to the required calibration of the test equipment.
  - 14. Data on the identification, processing and weights of all filters used.
  - 15. Data on the types and amounts of any chemical solutions used.
  - 16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
  - 17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
  - 18. All measured and calculated data required to be determined by each applicable test procedure for each run.
  - 19. The detailed calculations for one run that relate the collected data to the calculated emission rate.

20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

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

**A.25. 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.]

### Section III. Emissions Unit(s) and Conditions.

#### Subsection B. This section addresses the following emissions unit(s).

<u>E.U. ID No.</u>	<u>Brief Description</u>
-002	600 HP Cleaver-Brooks Process Steam Boiler (Boiler No. 1)
-004	150 HP Johnson Process Steam Boiler (Boiler No. 2)

The main process steam boiler used to run the evaporators is a Cleaver-Brooks, Model CB420, 600 HP boiler, designated as Boiler No. 1. This boiler is fired with new No. 6 fuel oil having a maximum sulfur content not to exceed 1.5% by weight. The design maximum heat rate input is 25.1 MMBtu/hr (corresponds to 167 gallons/hr of No. 6 fuel oil). Boiler No. 1 is the main process steam boiler used at the facility.

A Johnson 150 HP process steam boiler, designated as Boiler No. 2, is mainly used to supply steam to the juice blending pasteurizer and thawer. The juice blending operation is operated intermittently throughout the year. This boiler is fired with new No. 2 fuel oil with a maximum sulfur content of 0.05% by weight. The design maximum heat rate input is 6.28 MMBtu/hr (corresponds to 45.0 gallons/hr of No. 2 fuel oil).

{Permitting note(s): These emissions units are regulated under: Rule 62-296.406, F.A.C., Fossil Fuel Steam Generators With Less Than 250 Million Btu Per Hour Heat Input.}

#### The following specific conditions apply to the emissions unit(s) listed above:

##### Essential Potential to Emit (PTE) Parameters

**B.1. Methods of Operation - (Fuels).** The following restrictions and limitations shall apply to the operation of the boilers:

(a) Boiler No. 1:

1. Fuel Type: New No. 6 Fuel Oil; Propane, Natural Gas
2. Fuel Usage Rate, Max.: 167 gallons/hr (daily average basis)
3. Sulfur Content, Max.: 1.5% by weight

(b) Boiler No. 2:

1. Fuel Type: New No. 2 Fuel Oil, Propane, Natural Gas
2. Fuel Usage Rate, Max.: 45.0 gallons/hr (daily average basis)
3. Sulfur Content, Max.: 0.05% by weight

New oil means an oil that has been refined from crude oil and has not been used and which may or may not contain additives. Used or recycled waste oil shall not be fired in the boilers.

[BACT Determinations dated 11/22/91 & 11/30/95; Rule 62-210.200(PTE); Permit No. AO27-203457]

{Permitting Note: The permittee is not required to demonstrate compliance with the hourly limits for fuel usage, other than during visible emissions testing, unless requested by the Department.}

**B.2. Hours of Operation.** These emissions units are allowed to operate continuously, i.e., 8,760 hours/year.

[Rule 62-210.200(PTE), F.A.C.; and, 0530004-006-AC]

### **Emission Limitations and Standards**

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

{Permitting Note: Unless otherwise specified, the averaging time for Specific Condition **B.3.** is based on the specified averaging time of the applicable test method.}

**B.3. Visible Emissions:** Visible emissions from the boilers shall not exceed 20% opacity except for one six-minute period per hour during which opacity shall not exceed 27%.

[Rule 62-296.406(1), F.A.C.; Permit Nos. 0530004-001-AC & AO27-203457]

### **Excess Emissions**

{Permitting Note: The Excess Emissions Rule at Rule 62-210.700, F.A.C., cannot vary any requirement of a NSPS or NESHAP provision.}

**B.4.** Excess emissions resulting from startup, shutdown or malfunction of any source shall be permitted providing (1) best operational practices to minimize emissions are adhered to (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.

[Rule 62-210.700(1), F.A.C.]

**B.5.** 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.

[Rule 62-210.700(4), F.A.C.]

### **Test Methods and Procedures**

{Permitting Note: Table 2-1, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

**B.6. Visible Emissions.** EPA Method 9 shall be used to determine opacity compliance pursuant to Chapter 62-297, F.A.C.

[Rule 62-297.401, F.A.C.]

**B.7.** The permittee shall demonstrate compliance with the liquid fuel sulfur limit by the vendor providing a fuel analysis upon each fuel delivery or on analysis of as-received samples taken at the facility.

[Rules 62-213.440 and 62-296.406(3), F.A.C.]

**B.8. Fuel Sulfur Content Tests For Distillate Fuel Oil:** The owner or operator shall determine the sulfur content of each delivery of distillate fuel oil received for these emissions units using ASTM D4057-88, Standard Practice for Manual Sampling of Petroleum and Petroleum Products, and one of the following test methods for sulfur in petroleum products: ASTM D129-91, ASTM D1552-90, ASTM D2622-94, or ASTM D4294-90. A more recent version of these methods may be used. The owner or operator may comply with this requirement by receiving records from the fuel supplier that indicate the sulfur content of the distillate fuel oil delivered complies with the sulfur limit of specific condition **B.1.**

[Rules 62-213.440 and 62-296.406(3), F.A.C.]

**B.9. Operating Rate During Testing.** Testing of emissions shall be conducted with the emissions unit operation at permitted capacity, which is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the emissions unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.

[Rules 62-297.310(2) & (2)(b), F.A.C.]

**B.10. Applicable Test Procedures.**

(a) Required Sampling Time.

2. Opacity Compliance Tests. When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:

b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.

c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

[Rule 62-297.310(4), F.A.C.]

**B.11. Frequency of Compliance Tests.** The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
    - a. Did not operate; or
    - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
  4. During each federal fiscal year (October 1 - September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
    - a. Visible emissions, if there is an applicable standard;
    - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
    - c. Each NESHAP pollutant, if there is an applicable emission standard.
  9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of 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.
- (b) Special Compliance Tests. When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Department rule or in a permit issued pursuant to those rules is being violated, it may require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.  
[Rule 62-297.310(7), F.A.C.; and, SIP approved]

## **Monitoring of Operations**

### **B.12. Determination of Process Variables.**

- (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.

[Rule 62-297.310(5), F.A.C.]

### **Recordkeeping and Reporting Requirements**

**B.13.** In order to document compliance with sulfur content limits, records of the sulfur content, in % by weight, of the Nos. 2 and 6 fuel oil used in the boilers shall be kept. The records shall be either vendor provided as-shipped analysis, or analysis of as-received samples taken at the plant.

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

**B.14.** In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.

[Rule 62-210.700(6), F.A.C.]

**B.15.** Submit to the Department a written report of emissions in excess of emission limiting for each calendar quarter. The nature and cause of the excess emissions shall be explained. This report does not relieve the owner or operator of the legal liability for violations. All recorded data shall be maintained on file by the Source for a period of five years.

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

### **B.16. Test Reports.**

(a) 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.

(b) 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.

(c) 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 following information:

1. The type, location, and designation of the emissions unit tested.
2. The facility at which the emissions unit is located.
3. The owner or operator of the emissions unit.
4. The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
5. The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.
6. The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.

7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
8. The date, starting time and duration of each sampling run.
9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
10. The number of points sampled and configuration and location of the sampling plane.
11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
12. The type, manufacturer and configuration of the sampling equipment used.
13. Data related to the required calibration of the test equipment.
14. Data on the identification, processing and weights of all filters used.
15. Data on the types and amounts of any chemical solutions used.
16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. The applicable emission standard, and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

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

**B.17. 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.]

## **Appendix H-1: Permit History**

Citrus Service, Inc.  
Brooksville Facility

**PROPOSED Permit No.:** 0530004-005-AV  
**Facility ID No.:** 0530004

E.U. ID No.	Description	Permit No.	Effective Date	Expiration Date	Project Type <sup>1</sup>
All	Facility	0530004-003-AV	12/13/1999	12/13/2004	Initial
All	Facility	0530004-004-AF	Withdrawn	Withdrawn	FESOP
All	Facility	0530004-005-AV	Pending		Renewal
All	Facility	0530004-006-AC	10/13/2004	12/31/2004	Construction (mod.)

<sup>1</sup> Project Type (select one): Title V: Initial, Revision, Renewal, or Administrative Correction; Construction (new or mod.); Extension (AC only); or, Withdrawn or Denied.

<sup>2</sup> ARMS day 55 from the date of posting the PROPOSED Permit for EPA review (see confirmation e-mail from Tallahassee) or the date that EPA confirms resolution of any objections.

## Appendix I-1: List of Insignificant Emissions Units and/or Activities.

Citrus Service, Inc.  
Brooksville Facility

PROPOSED Permit No.: 0530004-005-AV  
Facility ID No.: 0530004

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, or that meet the criteria specified in Rule 62-210.300(3)(b)1., F.A.C., Generic Emissions Unit Exemption, are exempt from the permitting requirements of Chapters 62-210, 62-212 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rules 62-210.300(3)(a) and (b)1., F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

### Brief Description of Emissions Units and/or Activities

1. fruit unloading and storage
2. juice extraction and processing (pasteurizing, storage, blending)
3. lime (calcium hydroxide) handling in bags (unloading, storage, mixing with wet peel)
4. storage and loading of dried peel
5. 17,000 gallon No. 6 fuel oil above ground storage tank
6. 750 gallon No. 2 fuel oil above ground storage tank
7. maintenance shop
8. internal combustion engines in transportation equipment
9. cold storage refrigeration equipment
10. laboratory vacuum pumps
11. steam cleaning equipment
12. brazing, soldering, or welding equipment
13. fire and safety equipment
14. surface coating operations using coating with less than 5% VOC by volume

**Table 2-1, Summary of Compliance Requirements**

Citrus Service, Inc.

Permit No.: 0530004-005-AV

Facility ID No.: 0530004

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No.    Brief Description**

002      600 HP Cleaver-Brooks Process Steam Boiler (Boiler No. 1)  
 003      Citrus Peel Dryer w/Waste Heat Evaporator  
 004      150 HP Johnson Process Steam Boiler (Boiler No. 2)  
 005      Peel Cooler

EU No.	Pollutant Name or Parameter	Compliance Method	Frequency	Frequency Base Date <sup>(1)</sup>	Min. Compliance Test Duration	See Permit Condition(s)
003	PM VE peel input rate fuel oil %S	EPA Method 5 EPA Method 9 recordkeeping recordkeeping	5-years annual daily each delivery	January 27 January 27	three 1-hour runs one 30-minute run	III.A.8. III.A.9. III.A.1. & A.21. III.A.2., A.10. & A.11.
005	PM VE	EPA Method 5 EPA Method 9	5-years <sup>(2)</sup> annual	January 27 January 27	three 1-hour runs one 30-minute run	III.A.8. III.A.9.
002	VE fuel oil %S	DEP Method 9 recordkeeping	annual each delivery	January 27	one 60-minute run	III.B.6. III.B.1., B.7. & B.8.
002	VE fuel oil %S	DEP Method 9 recordkeeping	annual each delivery	January 27	one 60-minute run	III.B.6. III.B.1., B.7. & B.8.

**NOTES:**

(1) Frequency base date established for planning purposes only; see and Rule 62-297.310, F.A.C.

(2) Initial PM test required w/in 12 months of effective date of permit.

**Table 1-1, Summary of Air Pollutant Standards and Terms**

Citrus Service, Inc.

Permit No.: 0530004-005-AV

Facility ID No.: 0530004

This table summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.

**E.U. ID No. Brief Description**

002 600 HP Cleaver-Brooks Process Steam Boiler (Boiler No. 1)  
 003 Citrus Peel Dryer w/Waste Heat Evaporator  
 004 150 HP Johnson Process Steam Boiler (Boiler No. 2)  
 005 Peel Cooler



EU No.	Fuel	Hours/Yr	Pollutant or Parameter Name	Allowable Emissions/Parameter Limits			Equivalent Emissions*		Regulatory Citation(s)	See Permit Condition(s)
				Standard(s)	lb/hour	TPY	lb/hour	TPY		
003	new No. 6, propane, natural gas	8760	PM	<20% opacity	15.0			65.6	296.320(4)(a)2	III.A.4
			VE						296.320(4)(b)	III.A.5
005		8760	PM	<20% opacity	6.64			29.1	296.320(4)(a)2	III.A.4
			VE						296.320(4)(b)	III.A.5
002	new No. 6, propane, natural gas	8760	VE	20/27% opacity					296.406(1)	III.B.3
004	new No. 2, natural gas	500	VE	20/27% opacity					296.406(1)	III.B.3

Notes: \* The "Equivalent Emissions" listed are for informational purposes only.

Florida Department of  
Environmental Protection

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Memorandum

TO: Trina Vielhauer  
THRU: Scott Sheplak   
FROM: Ed Svec   
DATE: October 21, 2004  
SUBJECT: Title V PROPOSED Operation Permit Renewal 5030004-005-AV

Attached is the Title V PROPOSED Operation Permit Renewal for Citrus Service, Inc., for your review and approval. Comments on the DRAFT Permit Renewal were received from the Professional Engineer and were addressed to his satisfaction.

I recommend your approval of this PROPOSED permit.

Attachments

**Friday, Barbara**

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**To:** StineJoe@earthlink.net

**Subject:** PROPOSED Title V Permit Renewal No. 0530004-005-AV - Citrus Service, Inc. - Brooksville Plant

Mr. Stine,

Find attached the zip file for subject PROPOSED Title V Permit Renewal for your information and files.

If I may be of further assistance, please feel free to contact me.

Barbara J. Friday  
Planner II  
Bureau of Air Regulation  
(850)921-9524  
[Barbara.Friday@dep.state.fl.us](mailto:Barbara.Friday@dep.state.fl.us)

10/22/2004



**Friday, Barbara**

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**To:** Waters, Jason

**Cc:** Svec, Ed

**Subject:** PROPOSED Title V Permit Renewal No. 0530004-005-AV - Citrus Service, Inc. - Brooksville Plant

Find attached the zip file for subject PROPOSED Title V Permit Renewal for your information and files.

If I may be of further assistance, please feel free to contact me.

Barbara J. Friday  
Planner II  
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10/22/2004