


Memorandum

Florida Department of Environmental Protection

TO: Mike Cooke

FROM: Trina Vielhauer 

DATE: August 4, 2003

SUBJECT: Cutrale Citrus Juices USA, Inc.
Fifth Waste Heat Evaporator

Attached for approval and signature is a final air construction permit. This project replaces the previously permitted, but never constructed, project 1050023-014-AC. The project is the installation of a fifth waste heat evaporator (WHE), designated as WHE 'E', and two additional new exhaust stacks to the existing two citrus peel dryers and their associated four WHEs, designated WHEs 'A', 'B', 'C' and 'D', and their two existing exhaust stacks. The applicant did not seek any relaxation in currently enforceable conditions for its other existing emissions units.

This project is not subject to PSD because there are no emissions increases associated with this project.

One comment was received during the public comment period from Cutrale and was addressed to their satisfaction.

I recommend your approval and signature.

October 12, 2003 is day 90.

Attachments

/es

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF FINAL PERMIT

In the Matter of an
Application for Permit by:

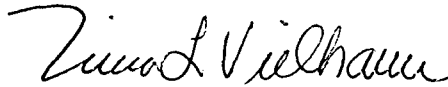
Mr. Aaron P. Corkum, Manager of Environmental Affairs
Cutrale Citrus Juices USA, Inc.
602 McKean Street
Auburndale, Florida 33823

DEP File No. 1050023-015-AC
Fifth Waste Heat Evaporator
Polk County

Enclosed is Final Permit Number 1050023-015-AC. This permit authorizes Cutrale Citrus Juices USA, Inc., Auburndale Facility to install a fifth waste heat evaporator (WHE), designated as WHE 'E', and two additional new exhaust stacks to the existing two citrus peel dryers and their associated four WHEs, designated WHEs 'A', 'B', 'C' and 'D', and their two existing exhaust stacks, at its citrus juice processing plant located at 602 McKean Street, Auburndale, Polk County. This permit is issued pursuant to Chapter 403, Florida Statutes.

Any party to this order has the right to seek judicial review of it under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station #35, 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000, and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Tallahassee, Florida.



Trina Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

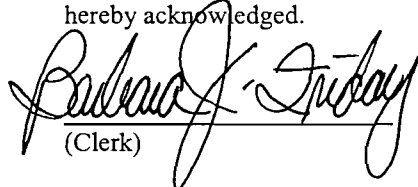
The undersigned duly designated deputy agency clerk hereby certifies that this Notice of Final Permit (including the Final permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 8/5/03 to the person(s) listed:

Mr. Aaron Corkum, Cutrale Citrus Juices USA, Inc. *
Mr. Kenneth Given, P.E., Air Testing & Consulting, Inc.
Mr. Eric Peterson, P.E., DEP SWD

8/5/03 cc: Al Svec
Reading File
Chinala Sile

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.

 8/5/03
(Clerk) (Date)

1 APPLICANT NAME AND ADDRESS

Cutrale Citrus Juices USA, Inc., Auburndale Facility
 602 McKean Street
 Auburndale, Florida 33823

Authorized Representative: Aaron P. Corkum, Manager of Environmental Affairs

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. This project replaces the previously permitted, but never constructed, project 1050023-014-AC. The project is the installation of a fifth waste heat evaporator (WHE), designated as WHE 'E', and two additional new exhaust stacks to the existing two citrus peel dryers and their associated four WHEs, designated WHEs 'A', 'B', 'C' and 'D', and their two existing exhaust stacks. The WHEs are associated with the two existing citrus peel dryers 1 and 2 (previously emissions units 001 and 003, respectively). The five WHEs, with a combined heat recovery rating of 316,000 lbs/hr of water (evaporation rate), will be joined in parallel through common exhaust manifolds, with gas flow regulated by flow control dampers and ID fans for each WHE. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to an existing 57 inch diameter stack; the exhaust from WHE 'C' will be directed to an existing 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a new 36 inch diameter stack; and, WHE 'E' will be directed to a new 57 inch diameter stack. As with the existing WHEs, the proposed WHE 'E' will include a water spray system to clean the evaporator walls and serve to reduce emissions of particulate matter. The actual stack dimensions may vary slightly from the estimated dimensions used in the application.

There is no increase in annual potential emissions associated with this project. The applicant indicated that the purpose of this project is to increase heat recovery and provide flexibility of operation. Emissions of particulate matter may decrease because of the additional scrubber capacity associated with the proposed fifth WHE. However, the owner or operator will be allowed to operate with a minimum of two WHEs operating for each dryer in operation, subject to the limitations of the permit discussed further below. Allowable emissions of particulate matter will be reduced from 65.8 lbs/hr (288.2 tons/year) to 36.72 lbs/hr (160.8 tons/year).

The conditions of the permit shall revise and supplement conditions imposed by previous permitting actions, particularly the current valid Title V permit, number 1050023-002-AV. Except for the conditions of the permit, which replaces the conditions of permit number 1050023-014-AC, no other conditions of previous permitting actions shall be changed by this permitting action. This project results in the creation of a new emissions unit:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
013	Citrus peel dryers 1 and 2 with five waste heat evaporators

This emissions unit is composed of two citrus peel dryers, dryers 1 and 2, and their respective waste heat evaporators (WHEs), which were formerly emissions units 001 and 003, respectively. The two citrus peel dryers will be connected through a common manifold to five WHEs. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to an existing 57 inch diameter stack; the exhaust from WHE 'C' will be directed to an existing 38 inch diameter stack; the exhaust from

WHE 'D' will be directed to a new 36 inch diameter stack; and, WHE 'E' will be directed to a new 57 inch diameter stack. This combination of process equipment will now be considered one emissions unit, with a new identifying number.

Citrus peel dryer 1 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. Citrus peel dryer 2 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. The exhaust gas from the peel dryers will now be sent via a common manifold to WHEs 'A' and 'B', with a design water removal capacity of 106,000 lbs/hr; WHE 'C', with a design water removal capacity of 50,000 lbs/hr; WHE 'D', with a design water removal capacity of 60,000 lbs/hr; and the new WHE 'E', with a design water removal capacity of 100,000 lbs/hr. Each WHE functions as an indirect heat exchanger to drive moisture from the press liquor (from the peel presses), and also acts as a particulate scrubber control device.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212, 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, PM₁₀, carbon monoxide, SO₂, 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/PM₁₀, NO_x, SO₂, CO and VOC exceed 100 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 62-212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant, the facility is also an existing Major Facility with respect to Rule 62-212.400, Prevention of Significant Deterioration (PSD). There is no net increase in emissions of any criteria pollutant as a result of this project. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C.

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

The emissions unit is subject to the requirements of the current valid Title V permit that are not changed by this permitting action. It is also subject to the requirements of the state rules as indicated in this permit. The emissions unit is not subject to any requirements under the New Source Performance Standards, 40 CFR 60, or any NESHAP requirements of 40 CFR 61 or 63.

3 COMPLIANCE

The compliance methods are detailed in Section III of the permit. The conditions will specify the operational limitations that are new or have changed as a result of this project. Primarily, the conditions specify the emission testing requirements for this emissions unit: annual testing is required; both dryers must be operating together, at 90 to 100% of capacity, during testing; testing is required while only four of the five WHEs are in operation, to allow the facility the flexibility to operate in the event that one WHE must be taken offline; each year's test will be conducted with a different one of the WHEs offline; and, the first compliance test conducted after the installation of WHE 'E' must be conducted with WHE 'E' operating. For the purpose of this requirement, WHEs 'A' and 'B' are considered integral units.

4 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 and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow construction of this project, subject to the terms and conditions of the draft permit.

5 FINAL DETERMINATION

An "INTENT TO ISSUE AIR CONSTRUCTION PERMIT" to Cutrale Citrus Juices USA, Inc. for their existing citrus juice processing plant located at 602 McKean Street, Auburndale, Polk County was clerked on July 14, 2003. The "PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT" was published in the Winter Haven News Chief on July 15, 2003. The Draft Air Construction Permit was available for public inspection at the Southwest District office in Tampa and the permitting authority's office in Tallahassee. Proof of publication of the "PUBLIC NOTICE OF INTENT TO ISSUE TITLE V AIR OPERATION PERMIT" was received on July 28, 2003.

One comment was received during the fourteen (14) day public comment period from Cutrale Citrus Juices by electronic mail on July 28, 2003. The comment expressed a concern that all four stacks needed to be tested simultaneously. The comment stated that simultaneous testing would require more equipment than the contractors have available and would thereby increase the cost and complexity of the testing without foreseeable benefit.

It was not the intent of the Department to require simultaneous testing of all stacks. If the permittee is able to reasonably maintain the processing parameters, the testing of the four WHEs can be accomplished over the period of time required by their contractor, with the available testing equipment. To clarify this, the following change is made to Specific Condition 8:

From: 8. Testing with Four WHEs in Operation: To allow for the flexibility of operating the citrus peel dryer(s) with up to one of WHEs offline, as provided by condition 4 of this section, the owner or operator shall perform the annual compliance test while only four of the five WHEs are in operation. Each year's test shall be conducted with a different one of WHEs offline. However, the first compliance test following the installation of WHE 'E' shall be conducted with WHE 'E' in operation. [Rule 62-4.070(3), F.A.C.; and, applicant's request]

[Note: For the purpose of this condition, WHEs 'A' and 'B' are considered integral units.]

To: 8. Testing with Four WHEs in Operation: To allow for the flexibility of operating the citrus peel dryer(s) with up to one of WHEs offline, as provided by condition 4 of this section, the owner or operator shall perform the annual compliance test while only four of the five WHEs are in operation. Each year's test shall be conducted with a different one of WHEs offline. However, the first compliance test following the installation of WHE 'E' shall be conducted with WHE 'E' in operation. [Rule 62-4.070(3), F.A.C.; and, applicant's request]

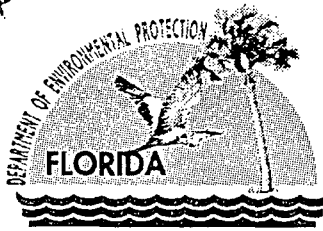
[Note: For the purpose of this condition, WHEs 'A' and 'B' are considered integral units.]

[Note: Simultaneous testing of the four WHEs is not required. The permittee will reasonably maintain the operational parameters of the dryers and the four WHEs during testing.]

As a result, the Final Air Construction permit will be issued with the change noted above.

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



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

PERMITTEE

Cutrale Citrus Juices USA, Inc.
Auburndale Facility
602 McKean Street
Auburndale, Florida 33823

Permit No.	1050023-015-AC
Project	Fifth WHE
SIC No.	2033, 2037, 2048
Expires:	July 31, 2008

Authorized Representative:

Aaron P. Corkum, Manager of Environmental Affairs

PROJECT AND LOCATION

This permit authorizes Cutrale Citrus Juices USA, Inc. to construct a fifth waste heat evaporator, add two additional exhaust stacks, and make related changes to provide for the connection of the two existing citrus peel dryers to five waste heat evaporators, connected in parallel through a common inlet flue gas manifold, with exhausts directed to four stacks. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. This permit replaces permit 1050023-014-AC.

This facility is located at 602 McKean Street, Auburndale, Polk County. The UTM coordinates are: Zone 17; 421.6 km E and 3103.7 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, 62-204, 62-210, 62-212, 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

Michael G. Cooke, Director
Division of Air Resource
Management

"More Protection, Less Process"

Printed on recycled paper.

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is the installation of a fifth waste heat evaporator (WHE) to the existing four WHEs that are associated with the two existing citrus peel dryers 1 and 2 (previously emissions units 001 and 003, respectively). WHEs 'A' and 'B', with a combined heat recovery rating of 106,000 lbs/hr of water (each approximately 53,000 lbs/hr), which previously served dryer 1, and WHEs 'C' and 'D', which have heat recovery ratings of 50,000 and 60,000 lbs/hr of water, respectively, will be combined in parallel through common exhaust manifolds with the proposed fifth WHE 'E', so that all five WHEs serve both dryers. WHE 'E' has a heat recovery rating of 100,000 lbs/hr of water. Exhaust from WHEs 'A' and 'B' will be directed to a 57 inch diameter stack; the exhaust from WHE 'C' will be directed to a 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a 36 inch diameter stack; and, WHE 'E' will be directed to a 57 inch diameter stack. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. As with the existing WHEs, the proposed WHE E will include a water spray system to clean the evaporator walls and serve to reduce emissions of particulate matter.

There is no increase in annual potential emissions associated with this project. The applicant indicated that the purpose of this project is to increase heat recovery and provide flexibility of operation. Emissions of particulate matter may decrease because of the additional scrubber capacity associated with the proposed fifth WHE. Allowable particulate matter emissions are being reduced from 65.8 lbs/hr (288 tons/yr) to 36.7 lbs/hr (161 tons/yr). The facility information, project scope, emissions and rule applicability are further described in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

July 1, 2003	Received permit application (no application fee required)
July 1, 2003	Application complete
July 14, 2003	Distributed Notice of Intent to Issue and supporting documents
July 15, 2003	Notice of Intent published in the Winter Haven News Chief

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
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 or modify the emissions units addressed by this permit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection, unless otherwise directed by the Department, at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to permits to operate, reports, tests, 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. [See also condition 8 for specific requirements related to apply for a modification to the Title V operation permit.]
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. [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 Chapters 62-4, 62-110, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the Florida Administrative Code (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 July 31, 2008. 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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 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.]

[Note: To provide for sufficient time to process the revision to the Title V operation permit, the owner or operator is encouraged to make application at least 180 days prior to expiration date of this permit.]

OPERATIONAL REQUIREMENTS

9. 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.]
10. 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.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for all emissions units at this facility addressed by this permit. [Rules 62-4.070(3) and 62-210.700, F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

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

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

REPORTING AND RECORD KEEPING REQUIREMENTS

13. 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.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southwest District office 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.]
15. Annual Operating Report for Air Pollutant Emitting Facility: 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 and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions unit after construction. These conditions shall revise and supplement conditions imposed by previous permitting actions. Except for the conditions of this section, no other conditions of previous permitting actions shall be changed by this permit.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
013	Citrus peel dryers 1 and 2 with five waste heat evaporators

[Note: This emissions unit is composed of two citrus peel dryers, dryers 1 and 2, and their respective waste heat evaporators (WHEs), which were formerly emissions units 001 and 003, respectively. The five WHEs will be joined in parallel through common exhaust manifolds, with gas flow regulated by flow control dampers and ID fans for each WHE. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to a 57 inch diameter stack; the exhaust from WHE 'C' will be directed to a 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a 36 inch diameter stack; and, WHE 'E' will be directed to a 57 inch diameter stack. The actual stack dimensions may vary slightly from the estimated dimensions used in the application.

Citrus peel dryer 1 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. Citrus peel dryer 1 is located to the south of citrus peel dryer 2. Citrus peel dryer 2 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. The exhaust gas from the peel dryers will now be sent via a common manifold to WHEs 'A' and 'B', with a combined design water removal capacity of 106,000 lbs/hr (each approximately 53,000 lbs/hr); WHE 'C', with a design water removal capacity of 50,000 lbs/hr; WHE 'D', with a design water removal capacity of 60,000 lbs/hr; and the new WHE 'E', with a design water removal capacity of 100,000 lbs/hr. Each WHE functions as an indirect heat exchanger to drive moisture from the press liquor (from the peel presses), and also acts as a particulate scrubber control device.

The following conditions will specify the operational limitations that are new or have changed as a result of this project. Primarily, the conditions specify the emission testing requirements for this emissions unit: annual testing is required; both dryers must be operating together, at 90 to 100% of capacity, during testing; testing is required while only four of the five WHEs are in operation, to allow the facility the flexibility to operate both dryers in the event that one WHE must be taken offline; each year's test will be conducted with a different one of the WHEs offline; and the first compliance test conducted after the installation of WHE 'E' must be conducted with WHE 'E' operating. This emissions unit is subject to the requirements of the current valid Title V permit that are not changed by this permit, and to the requirements of the state rules as indicated in this permit.]

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]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

2. Process Input Capacity Limited: The process input capacity of this emissions unit shall be limited to 110 tons of pressed peel per hour, based on a daily average, with each dryer further limited to 55 tons of pressed peel per hour, based on a daily average. [Rules 62-4.070(3) and 62-210.200, F.A.C.; and, limitation on potential to emit]
3. Methods of Operation: The heat input capacity of this emissions unit shall be limited to 180.0 mmBtu per hour, based on a daily average, with each dryer further limited to 90.0 mmBtu/hr, based on a daily average. This emission unit shall be fired with natural gas or new fuel oil with a maximum sulfur content of 1.95% by weight. [Rules 62-4.070(3) and 62-210.200, F.A.C.; and, limitation on potential to emit]
4. Operation of WHEs: The owner or operator shall ensure that exhaust gas from the each peel dryer is directed to a minimum of two WHEs during any time that the peel dryer is in operation, and that exhaust from two operating peel dryers is directed to a minimum of four WHEs during any time that the peel dryers are in operation, at any process input rate up to that limited by condition 2 of this section. In the event of malfunction that requires two or more of the WHEs to be taken offline, the owner or operator shall cease to operate one or both citrus peel dryers, as necessary to comply with the operation limits of this condition, as soon as practicable until the malfunction is repaired and normal operation as required by this permit can resume. [Rule 62-4.070(3), F.A.C.; and, applicant's request]
5. Visible Emissions Limited: Visible emissions from this emissions unit shall not be equal to or exceed 20 percent opacity. [Rule 62-296.320(4)(b), F.A.C.]
6. Particulate Matter Emissions Limited: The maximum allowable particulate matter emission rate from this emissions unit is limited as set by the Process Weight Table of Rule 62-296.320(4)(a)2., F.A.C., so that, given the maximum allowable process input rate of 110 tons/hr, emissions of particulate matter shall not exceed 36.72 lbs/hr. At lesser process input rates, the allowable emission rates shall be determined from the appropriate equations of Rule 62-296.320(4)(a)2., F.A.C. [Rule 62-296.320(4)(a), F.A.C.]

COMPLIANCE MONITORING, TESTING, REPORTING AND RECORD KEEPING REQUIREMENTS

7. Emission Tests Required: The owner or operator shall demonstrate compliance with the particulate matter and visible emissions limits for this emissions unit upon commencement of operation of WHE 'E', and annually thereafter, using EPA Methods 1 through 5 and 9, as described in 40 CFR 60 Appendix A. The visible emission tests shall be conducted for at least 60 minutes and shall coincide with one run of the particulate matter test. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A. When using EPA Method 5, an acetone wash shall be used and the minimum sample volume shall be 32 dry standard cubic feet.

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The owner or operator shall, prior to the test each year, if requested by the Department's Southwest District office, provide a test protocol and meet with compliance staff to agree on the test methodology and the measurement of process and heat input rates during the test. The test reports shall be submitted to the Air Compliance Section of the Department's Southwest District office within 45 days of such testing.

[Rules 62-4.070(3), 62-296.320(4)(a)3.a.(i), 62-297.310(4)(a)2., and 62-297.401, F.A.C.]

[Note: The previous test baseline date was January 30 of each year.]

8. Testing with Four WHEs in Operation: To allow for the flexibility of operating the citrus peel dryer(s) with up to one of WHEs offline, as provided by condition 4 of this section, the owner or operator shall perform the annual compliance test while only four of the five WHEs are in operation. Each year's test shall be conducted with a different one of WHEs offline. However, the first compliance test following the installation of WHE E shall be conducted with WHE E in operation. [Rule 62-4.070(3), F.A.C.; and, applicant's request]

[Note: For the purpose of this condition, WHEs 'A' and 'B' are considered integral units.]

[Note: Simultaneous testing of the four WHEs is not required. The permittee will reasonably maintain the operational parameters of the dryers and the four WHEs during testing.]

9. Testing at Capacity Required: The owner or operator shall comply with the testing requirements of condition A.8. of the currently valid Title V permit, number 1050023-002-AV, for the citrus peel dryers. No condition of this permit shall be considered to amend the provisions of that condition for this emissions unit, with the following exceptions: Where that condition refers to the citrus peel dryers as two emissions units, they shall now be considered to be process units of one emissions unit. Testing shall be required with both citrus peel dryers in operation simultaneously, each within 90 - 100% of the dryer's maximum allowable process input rate. [Rule 62-4.070(3), F.A.C.]
10. Monitoring, Record Keeping and Reporting Requirements: The owner or operator shall comply with the requirements of conditions A.9. and A.10. of the currently valid Title V permit, number 1050023-002-AV, for the citrus peel dryers. In addition to those requirements, the owner or operator shall make and maintain records sufficient to demonstrate compliance with the process rate and heat input limits of this permit, for both dryers combined. Other than the preceding requirement, no condition of this permit shall be considered to amend the provisions of those conditions for this emissions unit, with the exception that where those conditions refer to the citrus peel dryers as two emissions units, they shall now be considered to be process units of one emissions unit. [Rule 62-4.070(3), F.A.C.]
11. Notification of Construction: The owner or operator shall, within 14 days of the issuance of this permit, provide a proposed construction schedule to the Air Compliance Section of the Department's Southwest District office. The owner or operator shall also provide written notice of the start of the construction activities, if different from the scheduled starting date, and shall provide written notice of commencement of operation, within five days of such commencement. [Rule 62-4.070(3), F.A.C.]
12. Identification of Dryers and WHEs: The owner or operator shall affix a permanent plaque or label on or near each of the citrus peel dryers which will identify which dryer is dryer 1 and which is dryer 2. The owner shall affix a permanent plaque or label on or near each of the waste heat evaporators which will identify which of the WHEs are units 'A' and 'B', 'C', 'D' and 'E'. [Rule 62-4.070(3), F.A.C.]

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

- 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.]

- 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 ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- 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.

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Aaron P. Corkum
 Manager of Environmental Affairs
 Cutrale Citrus Juices USA, Inc.
 602 McKean Street
 Auburndale, Florida 33823

2. Article Number

(Transfer from service label) 7000 2870 0000 7028 1389

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

Regina Moore

- Agent
- Addressee

B. Received by (Printed Name)

C. Date of Delivery

5-7

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type

- Certified Mail Express Mail
- Registered Return Receipt for Merchandise
- Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

Yes

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

7000 2870 0000 7028 1389

Mr. Aaron P. Corkum

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
Here

Sent To

Mr. Aaron P. Corkum

Street, Apt. No., or PO Box No.

602 McKean Street

City, State, ZIP+4

Auburndale, Florida 33823

PS Form 3800, May 2000

See Reverse for Instructions

Svec, Ed

From: Aaron Corkum [acorkum@cutrale.com]
Sent: Monday, July 28, 2003 5:33 PM
To: Svec, Ed
Cc: Ed Priest
Subject: Fifth Waste Heat Evaporator DEP File No. 1050023-015-AC

Ed,

Per our conversation today, I am e-mailing you a concern raised by our stack testing contractor (Ken Given) pertaining to his interpretation of the proposed permit's stack testing condition. Do all four stacks have to be tested simultaneously (two dryers and four WHE)? If so, the concern is that this will require more equipment than the contractor has available and will drive the testing cost up with no benefit. It will also be difficult to coordinate this much stack testing activity at one time. From our conversation, this issue may be addressed within the permit structure by a clarification note i.e. at a minimum stack test one dryer along with two WHE??

Please let me know what can be done to help this situation.

Thank you,
Aaron P. Corkum

RECEIVED

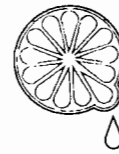
JUL 28 2003

BUREAU OF AIR REGULATION

11 Cloud Street
Leesburg, FL 34748
Tel/352-728-7800

RECEIVED

JUL 28 2003



CUTRALE U.S.A.
CITRUS JUICES USA, INC.

BUREAU OF AIR REGULATION

July 24, 2003

FLORIDA DEPARTMENT OF ENVIRONMENTAL PROTECTION
Bureau of Air Regulation
2600 Blair Stone Road, Mail Station 5505
Tallahassee, Florida 32399-2400

Subject: Cutrale Citrus Juices USA, Inc Auburndale Florida
State of Florida Department of Environmental Protection
Notice of Intent to Issue Air Construction Permit
FDEP File NO. 1050023-015-AC

Dear, FDEP

Enclosed please find the required Notice of Intent to Issue Air Construction Permit Affidavit specified in Section 403.815, (F.S.) and Rule 62-110.106(7)(a) I., F.A.C.; the publication in the newspaper meets all requirements of sections 50.011 and 50.031, F.S.

If you have any questions or require additional information, please don't hesitate to contact me by calling (352-728-7887) or emailing (cpriest@cutrale.com).

Sincerely,
CUTRALE CITRUS JUICES USA, Inc.

Edward Priest
Environmental Coordinator

cc:

Aaron P. Corkum, Cutrale
Kenneth Given, P.E. Air Testing & Consulting, Inc.

AFFIDAVIT OF PUBLICATION

News Chief

Published Daily

STATE OF FLORIDA
COUNTY OF POLK

Before the undersigned personally appeared **Jacqueline Unger-Poole** who on oath says that she is **Classified Manager** of the News Chief, a newspaper published at Winter Haven, in Polk County, Florida; that the attached copy of advertisement **Public Notice of Intent To Issue Air Construction Permit** the matter of **Catrale Citrus Juices USA, Inc.** the Circuit Court, was published in said newspaper in the issue of **July 15th, 2003**.

Affiant further says that the News Chief is a newspaper published at Winter Haven, in said Polk County, Florida, and that said newspaper has heretofore been continuously published in said Polk County, Florida, daily, and has been entered as second class matter at the post office in Winter Haven, in said Polk County, Florida, for a period of one year next preceding the first publication of the attached copy of advertisement; and affiant further says that he has neither paid nor promised any person, firm or corporation any discount, rebate, commission, or refund for the purpose of securing this advertisement for publication in said newspaper.

Signed Jacqueline Unger-Poole
Sworn to and subscribed before me this **15th** day of **July, A.D. 2003** by **Jacqueline Unger-Poole** who is personally known to me or who has produced (_____) as identification.

Lynda Wilkerson
Notary Public



Lynda Wilkerson
My Commission DD123980
Expires July 22, 2006

My Commission Expires: _____

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
DEP File No. 1050023-015-AC

Cutrale Citrus Juices USA, Inc., Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Cutrale Citrus Juices USA, Inc. for its existing citrus juice facility located at 602 McKean Street, Auburndale, Polk County. The applicant's address is: 602 McKean Street, Auburndale, Florida 33823. The project is to allow installation of a fifth waste heat evaporator (WHE) and two additional exhaust stacks to two citrus peel dryers and their associated for WHEs and two exhaust stacks.

There will be no emissions increases as a result of this project. A determination of whether Best Available Control Technology was not required.

The Department will accept written comments concerning the proposed permit 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, Florida 32399-2400. Any written comments filed shall be made available for public review. 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 of Intent to Issue Air Construction Permit.

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, Florida Statutes, 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 action may file a petition for an administrative proceeding (hearing) under Section 120.569 and 120.57, Florida Statutes, with the Department at 3900 Commonwealth Boulevard, Mail Station 3804, Tallahassee, Florida 32399-3000. Petitions filed by the permit applicant or any of those 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), Florida Statutes, must be filed within fourteen days of publication of the public notice or within fourteen days of this notice of intent, whichever occurs first. Under Section 120.60(3), Florida Statutes, however, a person who asked the Department for notice of agency action may file a petition with the Department within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner's copy of the petition to the applicant at the address indicated above at the time of filing of any person to file a petition within the appropriate time period shall constitute that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, Florida Statutes, or to intervene in this proceeding and participate as a party in the proceeding. Intervention will be only at the approval of the presiding officer upon the 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 shall contain the following information: (a) The name and address of each agency affected by the action; (b) The name, address, and telephone number of the petitioner; (c) An explanation of how the petitioner's substantial interests will be affected by the action; (d) A statement of how and when the petitioner received notice of the agency's proposed action; (e) A statement of all disputed issues of material fact. If there are any specific facts the petitioner contends warrant reversal or modification of the agency's action; (f) A statement of the specific rules or statutes the petitioner contends require or modification of the agency's proposed action; and (g) A statement of the relief sought by the petitioner, stating precisely the action the 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, filing of a petition means that the Department's final action may be different from that taken by it in this notice. Persons whose substantial interests will be affected by any 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 from 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 32301-1114, 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 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, Department's reviewing engineer for this project, Edward J. Svec, 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 address: Dept. of Environmental Protection, Bureau of Air Regulation, Mail Station #2400, Tallahassee, Florida 32399-2400.

Published: July 15, 2003; A

Memorandum

Florida Department of Environmental Protection

TO: Trina Vielhauer
THRU: Scott Sheplak *gsb*
FROM: Ed Svec *ES*
DATE: July 8, 2003
SUBJECT: Cutrale Citrus Juices USA, Inc., Auburndale Facility
Fifth Waste Heat Evaporator

Attached for approval and signature is an intent to issue a construction permit to allow Cutrale Citrus Juices USA, Inc., Auburndale Facility to install a fifth waste heat evaporator (WHE) and two additional new exhaust stacks to the existing two citrus peel dryers and their associated four WHEs and their two existing exhaust stacks. The exhaust manifold will also have a new 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers.

This project is not subject to PSD because there will be no emissions increases associated with the project.

I recommend your approval and signature.

July 8, 2003, is day 7 of the 90 day timeclock.

Attachments

/es



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

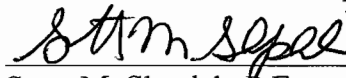
Permittee:

Cutrale Citrus Juices USA, Inc.
Auburndale Facility

Project No.: 1050023-015-AC

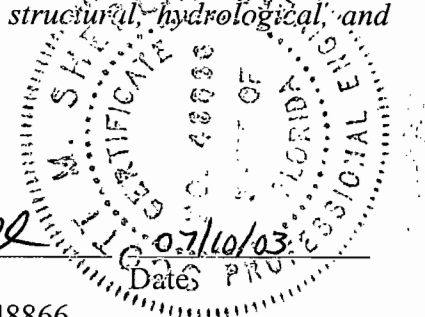
Project type: Air Construction Permit – Fifth Waste Heat Evaporator

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).



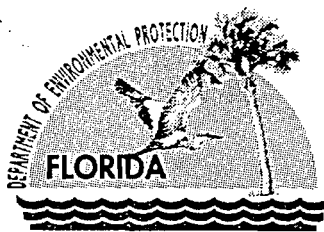
Scott M. Sheplak, P.E.

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



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

July 11, 2003

CERTIFIED MAIL - RETURN RECEIPT REQUESTED

Mr. Aaron P. Corkum
Manager of Environmental Affairs
Cutrale Citrus Juices USA, Inc.
602 McKean Street
Auburndale, Florida 33823

Re: DEP File No. 1050023-015-AC
Fifth Waste Heat Evaporator

Dear Mr. Corkum:

Enclosed is one copy of the draft air construction permit to Cutrale Citrus Juices USA, Inc. to allow the installation of a fifth waste heat evaporator (WHE) and two additional exhaust stacks to the existing two citrus peel dryers and their associated four WHEs and two exhaust stacks at the existing citrus juice processing plant located at 602 McKean Street, Auburndale, 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,

Trina Vielhauer, Chief
Bureau of Air Regulation

TV/es

Enclosures

In the Matter of an
Application for Permit by:

Aaron P. Corkum, Manager of Environmental Affairs
Cutrale Citrus Juices USA, Inc.
602 McKean Street
Auburndale, Florida 33823

DEP File No. 1050023-015-AC
Fifth Waste Heat Evaporator
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, Cutrale Citrus Juices USA, Inc., applied on July 1, 2003, to the Department for an air construction permit for its existing citrus juice processing facility located at 602 McKean Street, Auburndale, Polk County. The project is to allow the installation of a fifth waste heat evaporator (WHE) and two additional exhaust stacks to the existing two citrus peel dryers and their associated four WHEs and two exhaust stacks.

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 Chapters 62-4, 62-204, 62-210, 62-212, 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 Construction Permit. Written comments should be provided to the Department's Bureau of Air Regulation at 2600 Blair Stone Road, Mail Station #5505, Tallahassee, Florida 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.



Trina Vielhauer, Chief
Bureau of Air Regulation

CERTIFICATE OF SERVICE

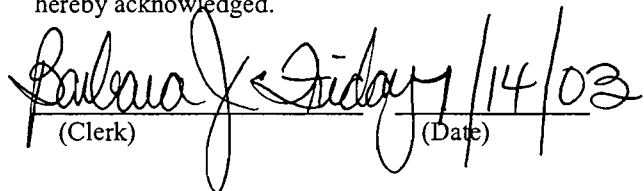
The undersigned duly designated deputy agency clerk hereby certifies that this Intent to Issue Air Construction Permit (including the Public Notice of Intent to Issue Air Construction Permit, Technical Evaluation and Preliminary Determination, and the Draft permit) was sent by certified mail (*) and copies were mailed by U.S. Mail before the close of business on 7/14/03 to the person(s) listed:

- Mr. Aaron Corkum, Cutrale Citrus Juices USA, Inc. *
- Mr. Kenneth Given, P.E., Air Testing & Consulting, Inc.
- Mr. Eric Peterson, P.E., DEP SWD

7/14/03 cc: Ed Svec
Reading Side
Trina's Side

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.


(Clerk) 7/14/03 (Date)

PUBLIC NOTICE OF INTENT TO ISSUE AIR CONSTRUCTION PERMIT

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DEP File No. 1050023-015-AC

Cutrale Citrus Juices USA, Inc.
Polk County

The Department of Environmental Protection (Department) gives notice of its intent to issue an air construction permit to Cutrale Citrus Juices USA, Inc. for its existing citrus juice processing facility located at 602 McKean Street, Auburndale, Polk County. The applicant's mailing address is: 602 McKean Street, Auburndale, Florida 33823. The project is to allow the installation of a fifth waste heat evaporator (WHE) and two additional exhaust stacks to the existing two citrus peel dryers and their associated four WHEs and two exhaust stacks.

There will be no emissions increases as a result of this project. A determination of Best Available Control Technology was not required.

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, Florida 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, Florida Statutes (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

NOTICE TO BE PUBLISHED IN THE NEWSPAPER

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.

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, 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

Cutrale Citrus Juices USA, Inc., Auburndale Facility
 602 McKean Street
 Auburndale, Florida 33823

Authorized Representative: Aaron P. Corkum, Manager of Environmental Affairs

2 FACILITY DESCRIPTION, PROJECT DETAILS AND RULE APPLICABILITY

The facility is an existing citrus juice processing facility. This project replaces the previously permitted, but never constructed, project 1050023-014-AC. The project is the installation of a fifth waste heat evaporator (WHE), designated as WHE 'E', and two additional new exhaust stacks to the existing two citrus peel dryers and their associated four WHEs, designated WHEs 'A', 'B', 'C' and 'D', and their two existing exhaust stacks. The WHEs are associated with the two existing citrus peel dryers 1 and 2 (previously emissions units 001 and 003, respectively). The five WHEs, with a combined heat recovery rating of 316,000 lbs/hr of water (evaporation rate), will be joined in parallel through common exhaust manifolds, with gas flow regulated by flow control dampers and ID fans for each WHE. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to an existing 57 inch diameter stack; the exhaust from WHE 'C' will be directed to an existing 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a new 36 inch diameter stack; and, WHE 'E' will be directed to a new 57 inch diameter stack. As with the existing WHEs, the proposed WHE 'E' will include a water spray system to clean the evaporator walls and serve to reduce emissions of particulate matter. The actual stack dimensions may vary slightly from the estimated dimensions used in the application.

There is no increase in annual potential emissions associated with this project. The applicant indicated that the purpose of this project is to increase heat recovery and provide flexibility of operation. Emissions of particulate matter may decrease because of the additional scrubber capacity associated with the proposed fifth WHE. However, the owner or operator will be allowed to operate with a minimum of two WHEs operating for each dryer in operation, subject to the limitations of the permit discussed further below. Allowable emissions of particulate matter will be reduced from 65.8 lbs/hr (288.2 tons/year) to 36.72 lbs/hr (160.8 tons/year).

The conditions of the permit shall revise and supplement conditions imposed by previous permitting actions, particularly the current valid Title V permit, number 1050023-002-AV. Except for the conditions of the permit, which replaces the conditions of permit number 1050023-014-AC, no other conditions of previous permitting actions shall be changed by this permitting action. This project results in the creation of a new emissions unit:

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
013	Citrus peel dryers 1 and 2 with five waste heat evaporators

This emissions unit is composed of two citrus peel dryers, dryers 1 and 2, and their respective waste heat evaporators (WHEs), which were formerly emissions units 001 and 003, respectively. The two citrus peel dryers will be connected through a common manifold to five WHEs. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to an existing 57 inch diameter stack; the exhaust from WHE 'C' will be directed to an existing 38 inch diameter stack; the exhaust from

WHE 'D' will be directed to a new 36 inch diameter stack; and, WHE 'E' will be directed to a new 57 inch diameter stack. This combination of process equipment will now be considered one emissions unit, with a new identifying number.

Citrus peel dryer 1 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. Citrus peel dryer 2 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. The exhaust gas from the peel dryers will now be sent via a common manifold to WHEs 'A' and 'B', with a design water removal capacity of 106,000 lbs/hr; WHE 'C', with a design water removal capacity of 50,000 lbs/hr; WHE 'D', with a design water removal capacity of 60,000 lbs/hr; and the new WHE 'E', with a design water removal capacity of 100,000 lbs/hr. Each WHE functions as an indirect heat exchanger to drive moisture from the press liquor (from the peel presses), and also acts as a particulate scrubber control device.

The proposed project is subject to preconstruction review requirements under the provisions of Chapter 403, F.S., and Chapters 62-4, 62-204, 62-210, 62-212, 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, PM₁₀, carbon monoxide, SO₂, 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/PM₁₀, NO_x, SO₂, CO and VOC exceed 100 TPY.

This facility is not within an industry included in the list of the 28 Major Facility Categories per Table 62-212.400-1 of Chapter 62-212, F.A.C. Because emissions are greater than 250 TPY for at least one criteria pollutant, the facility is also an existing Major Facility with respect to Rule 62-212.400, Prevention of Significant Deterioration (PSD). There is no net increase in emissions of any criteria pollutant as a result of this project. Therefore the project is not subject to PSD requirements of Rule 62-212.400, F.A.C.

An impact analysis was not required for this project because it is not subject to the requirements of PSD.

The emissions unit is subject to the requirements of the current valid Title V permit that are not changed by this permitting action. It is also subject to the requirements of the state rules as indicated in this permit. The emissions unit is not subject to any requirements under the New Source Performance Standards, 40 CFR 60, or any NESHAP requirements of 40 CFR 61 or 63.

3 COMPLIANCE

The compliance methods are detailed in Section III of the permit. The conditions will specify the operational limitations that are new or have changed as a result of this project. Primarily, the conditions specify the emission testing requirements for this emissions unit: annual testing is required; both dryers must be operating together, at 90 to 100% of capacity, during testing; testing is required while only four of the five WHEs are in operation, to allow the facility the flexibility to operate in the event that one WHE must be taken offline; each year's test will be conducted with a different one of the WHEs offline; and, the first compliance test conducted after the installation of WHE 'E' must be conducted with WHE 'E' operating. For the purpose of this requirement, WHEs 'A' and 'B' are considered integral units.

4 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 and federal air pollution regulations. The Department's preliminary determination is to issue the draft permit to allow construction of this project, subject to the terms and conditions of the draft permit.

5 FINAL DETERMINATION

DRAFT^

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

Cutrale Citrus Juices USA, Inc.
Auburndale Facility
602 McKean Street
Auburndale, Florida 33823

Permit No.	1050023-015-AC
Project	Fifth WHE
SIC No.	2033, 2037, 2048
Expires:	^DRAFT

Authorized Representative:

Aaron P. Corkum, Manager of Environmental Affairs

PROJECT AND LOCATION

This permit authorizes Cutrale Citrus Juices USA, Inc. to construct a fifth waste heat evaporator, add two additional exhaust stacks, and make related changes to provide for the connection of the two existing citrus peel dryers to five waste heat evaporators, connected in parallel through a common inlet flue gas manifold, with exhausts directed to four stacks. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. This permit replaces permit 1050023-014-AC.

This facility is located at 602 McKean Street, Auburndale, Polk County. The UTM coordinates are: Zone 17; 421.6 km E and 3103.7 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, 62-204, 62-210, 62-212, 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

Joseph Kahn, P.E., Acting Director
Division of Air Resource
Management

AIR CONSTRUCTION PERMIT
SECTION I. FACILITY INFORMATION

FACILITY AND PROJECT DESCRIPTION

The facility is an existing citrus juice processing facility. The project is the installation of a fifth waste heat evaporator (WHE) to the existing four WHEs that are associated with the two existing citrus peel dryers 1 and 2 (previously emissions units 001 and 003, respectively). WHEs 'A' and 'B', with a combined heat recovery rating of 106,000 lbs/hr of water (each approximately 53,000 lbs/hr), which previously served dryer 1, and WHEs 'C' and 'D', which have heat recovery ratings of 50,000 and 60,000 lbs/hr of water, respectively, will be combined in parallel through common exhaust manifolds with the proposed fifth WHE 'E', so that all five WHEs serve both dryers. WHE 'E' has a heat recovery rating of 100,000 lbs/hr of water. Exhaust from WHEs 'A' and 'B' will be directed to a 57 inch diameter stack; the exhaust from WHE 'C' will be directed to a 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a 36 inch diameter stack; and, WHE 'E' will be directed to a 57 inch diameter stack. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. As with the existing WHEs, the proposed WHE E will include a water spray system to clean the evaporator walls and serve to reduce emissions of particulate matter.

There is no increase in annual potential emissions associated with this project. The applicant indicated that the purpose of this project is to increase heat recovery and provide flexibility of operation. Emissions of particulate matter may decrease because of the additional scrubber capacity associated with the proposed fifth WHE. Allowable particulate matter emissions are being reduced from 65.8 lbs/hr (288 tons/yr) to 36.7 lbs/hr (161 tons/yr). The facility information, project scope, emissions and rule applicability are further described in the Department's Technical Evaluation and Determination.

REVIEWING AND PROCESS SCHEDULE

July 1, 2003	Received permit application (no application fee required)
July 1, 2003	Application complete
	Distributed Notice of Intent to Issue and supporting documents
	Notice of Intent published in the XXX

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
- Department's Technical Evaluation and Determination
- Department's Intent to Issue

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 or modify the emissions units addressed by this permit should be submitted to the Bureau of Air Regulation (BAR), Florida Department of Environmental Protection, unless otherwise directed by the Department, at Mail Station #5505, 2600 Blair Stone Road, Tallahassee, Florida 32399-2400, phone number 850/488-0114. All documents related to permits to operate, reports, tests, 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. [See also condition 8 for specific requirements related to apply for a modification to the Title V operation permit.]
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. [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 Chapters 62-4, 62-110, 62-204, 62-210, 62-212, 62-213, 62-296, 62-297 and the Code of Federal Regulations Title 40, Part 60, adopted by reference in the Florida Administrative Code (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

AIR CONSTRUCTION PERMIT
SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

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 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.]

[Note: To provide for sufficient time to process the revision to the Title V operation permit, the owner or operator is encouraged to make application at least 180 days prior to expiration date of this permit.]

OPERATIONAL REQUIREMENTS

9. 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.]
10. 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.]
11. Excess Emissions: This permit does not change any authorization for excess emissions provided by other Department permits for all emissions units at this facility addressed by this permit. [Rules 62-4.070(3) and 62-210.700, F.A.C.]

COMPLIANCE MONITORING AND TESTING REQUIREMENTS

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

AIR CONSTRUCTION PERMIT

SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

REPORTING AND RECORD KEEPING REQUIREMENTS

13. 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.]
14. Excess Emissions Report: In case of excess emissions resulting from malfunction, the owner or operator shall notify the Department's Southwest District office 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.]
15. Annual Operating Report for Air Pollutant Emitting Facility: 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 and, if applicable, the appropriate local program by March 1 of the following year. [Rule 62-210.370(3), F.A.C.]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The following specific conditions apply to the following emissions unit after construction. These conditions shall revise and supplement conditions imposed by previous permitting actions. Except for the conditions of this section, no other conditions of previous permitting actions shall be changed by this permit.

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
013	Citrus peel dryers 1 and 2 with five waste heat evaporators

[Note: This emissions unit is composed of two citrus peel dryers, dryers 1 and 2, and their respective waste heat evaporators (WHEs), which were formerly emissions units 001 and 003, respectively. The five WHEs will be joined in parallel through common exhaust manifolds, with gas flow regulated by flow control dampers and ID fans for each WHE. The exhaust manifold will also have a 68 inch diameter Balance/Emergency Stack to allow air to be drawn in to help maintain the proper air draw on the dryers. Exhaust from WHEs 'A' and 'B' will be directed to a 57 inch diameter stack; the exhaust from WHE 'C' will be directed to a 38 inch diameter stack; the exhaust from WHE 'D' will be directed to a 36 inch diameter stack; and, WHE 'E' will be directed to a 57 inch diameter stack. The actual stack dimensions may vary slightly from the estimated dimensions used in the application.

Citrus peel dryer 1 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. Citrus peel dryer 1 is located to the south of citrus peel dryer 2. Citrus peel dryer 2 has a design water removal capacity of 60,000 lbs/hr, and a maximum process input rate of 55 tons/hr of pressed peel. The peel dryer's furnace is fired with natural gas, or fuel oil with a maximum sulfur content of 1.95% by weight, at a maximum heat input rate of 90.0 mmBtu/hr. The exhaust gas from the peel dryers will now be sent via a common manifold to WHEs 'A' and 'B', with a combined design water removal capacity of 106,000 lbs/hr (each approximately 53,000 lbs/hr); WHE 'C', with a design water removal capacity of 50,000 lbs/hr; WHE 'D', with a design water removal capacity of 60,000 lbs/hr; and the new WHE 'E', with a design water removal capacity of 100,000 lbs/hr. Each WHE functions as an indirect heat exchanger to drive moisture from the press liquor (from the peel presses), and also acts as a particulate scrubber control device.

The following conditions will specify the operational limitations that are new or have changed as a result of this project. Primarily, the conditions specify the emission testing requirements for this emissions unit: annual testing is required; both dryers must be operating together, at 90 to 100% of capacity, during testing; testing is required while only four of the five WHEs are in operation, to allow the facility the flexibility to operate both dryers in the event that one WHE must be taken offline; each year's test will be conducted with a different one of the WHEs offline; and the first compliance test conducted after the installation of WHE 'E' must be conducted with WHE 'E' operating. This emissions unit is subject to the requirements of the current valid Title V permit that are not changed by this permit, and to the requirements of the state rules as indicated in this permit.]

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]

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

2. Process Input Capacity Limited: The process input capacity of this emissions unit shall be limited to 110 tons of pressed peel per hour, based on a daily average, with each dryer further limited to 55 tons of pressed peel per hour, based on a daily average. [Rules 62-4.070(3) and 62-210.200, F.A.C.; and, limitation on potential to emit]
3. Methods of Operation: The heat input capacity of this emissions unit shall be limited to 180.0 mmBtu per hour, based on a daily average, with each dryer further limited to 90.0 mmBtu/hr, based on a daily average. This emission unit shall be fired with natural gas or new fuel oil with a maximum sulfur content of 1.95% by weight. [Rules 62-4.070(3) and 62-210.200, F.A.C.; and, limitation on potential to emit]
4. Operation of WHEs: The owner or operator shall ensure that exhaust gas from the each peel dryer is directed to a minimum of two WHEs during any time that the peel dryer is in operation, and that exhaust from two operating peel dryers is directed to a minimum of four WHEs during any time that the peel dryers are in operation, at any process input rate up to that limited by condition 2 of this section. In the event of malfunction that requires two or more of the WHEs to be taken offline, the owner or operator shall cease to operate one or both citrus peel dryers, as necessary to comply with the operation limits of this condition, as soon as practicable until the malfunction is repaired and normal operation as required by this permit can resume. [Rule 62-4.070(3), F.A.C.; and, applicant's request]
5. Visible Emissions Limited: Visible emissions from this emissions unit shall not be equal to or exceed 20 percent opacity. [Rule 62-296.320(4)(b), F.A.C.]
6. Particulate Matter Emissions Limited: The maximum allowable particulate matter emission rate from this emissions unit is limited as set by the Process Weight Table of Rule 62-296.320(4)(a)2., F.A.C., so that, given the maximum allowable process input rate of 110 tons/hr, emissions of particulate matter shall not exceed 36.72 lbs/hr. At lesser process input rates, the allowable emission rates shall be determined from the appropriate equations of Rule 62-296.320(4)(a)2., F.A.C. [Rule 62-296.320(4)(a), F.A.C.]

COMPLIANCE MONITORING, TESTING, REPORTING AND RECORD KEEPING REQUIREMENTS

7. Emission Tests Required: The owner or operator shall demonstrate compliance with the particulate matter and visible emissions limits for this emissions unit upon commencement of operation of WHE 'E', and annually thereafter, using EPA Methods 1 through 5 and 9, as described in 40 CFR 60 Appendix A. The visible emission tests shall be conducted for at least 60 minutes and shall coincide with one run of the particulate matter test. The minimum requirements for stack sampling facilities, source sampling and reporting, shall be in accordance with Chapter 62-297, F.A.C., and 40 CFR 60, Appendix A. When using EPA Method 5, an acetone wash shall be used and the minimum sample volume shall be 32 dry standard cubic feet.

AIR CONSTRUCTION PERMIT

SECTION III. EMISSIONS UNITS SPECIFIC CONDITIONS

The owner or operator shall, prior to the test each year, if requested by the Department's Southwest District office, provide a test protocol and meet with compliance staff to agree on the test methodology and the measurement of process and heat input rates during the test. The test reports shall be submitted to the Air Compliance Section of the Department's Southwest District office within 45 days of such testing.

[Rules 62-4.070(3), 62-296.320(4)(a)3.a.(i), 62-297.310(4)(a)2., and 62-297.401, F.A.C.]

[Note: The previous test baseline date was January 30 of each year.]

8. Testing with Four WHEs in Operation: To allow for the flexibility of operating the citrus peel dryer(s) with up to one of WHEs offline, as provided by condition 4 of this section, the owner or operator shall perform the annual compliance test while only four of the five WHEs are in operation. Each year's test shall be conducted with a different one of WHEs offline. However, the first compliance test following the installation of WHE E shall be conducted with WHE E in operation. [Rule 62-4.070(3), F.A.C.; and, applicant's request]

[Note: For the purpose of this condition, WHEs 'A' and 'B' are considered integral units.]
9. Testing at Capacity Required: The owner or operator shall comply with the testing requirements of condition A.8. of the currently valid Title V permit, number 1050023-002-AV, for the citrus peel dryers. No condition of this permit shall be considered to amend the provisions of that condition for this emissions unit, with the following exceptions: Where that condition refers to the citrus peel dryers as two emissions units, they shall now be considered to be process units of one emissions unit. Testing shall be required with both citrus peel dryers in operation simultaneously, each within 90 - 100% of the dryer's maximum allowable process input rate. [Rule 62-4.070(3), F.A.C.]
10. Monitoring, Record Keeping and Reporting Requirements: The owner or operator shall comply with the requirements of conditions A.9. and A.10. of the currently valid Title V permit, number 1050023-002-AV, for the citrus peel dryers. In addition to those requirements, the owner or operator shall make and maintain records sufficient to demonstrate compliance with the process rate and heat input limits of this permit, for both dryers combined. Other than the preceding requirement, no condition of this permit shall be considered to amend the provisions of those conditions for this emissions unit, with the exception that where those conditions refer to the citrus peel dryers as two emissions units, they shall now be considered to be process units of one emissions unit. [Rule 62-4.070(3), F.A.C.]
11. Notification of Construction: The owner or operator shall, within 14 days of the issuance of this permit, provide a proposed construction schedule to the Air Compliance Section of the Department's Southwest District office. The owner or operator shall also provide written notice of the start of the construction activities, if different from the scheduled starting date, and shall provide written notice of commencement of operation, within five days of such commencement. [Rule 62-4.070(3), F.A.C.]
12. Identification of Dryers and WHEs: The owner or operator shall affix a permanent plaque or label on or near each of the citrus peel dryers which will identify which dryer is dryer 1 and which is dryer 2. The owner shall affix a permanent plaque or label on or near each of the waste heat evaporators which will identify which of the WHEs are units 'A' and 'B', 'C', 'D' and 'E'. [Rule 62-4.070(3), F.A.C.]

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

- 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.]

- 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 ();
 - (b) Determination of Prevention of Significant Deterioration (); and
 - (c) Compliance with New Source Performance Standards ().
- 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.

SENDER: COMPLETE THIS SECTION	COMPLETE THIS SECTION ON DELIVERY
<ul style="list-style-type: none"> Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired. Print your name and address on the reverse so that we can return the card to you. Attach this card to the back of the mailpiece, or on the front if space permits. 	A. Signature <input checked="" type="checkbox"/> Agent <input type="checkbox"/> Addressee
1. Article Addressed to: Mr. Aaron P. Corkum Manager of Environmental Affairs Cutrale Citrus Juices USA, Inc. 602 McKean Street Auburndale, Florida 33823	B. Received by (Printed Name) <i>Hernandez</i> C. Date of Delivery <i>7-16</i>
2. Article Number (Transfer from service label) 7000 2870 0000 7028 1327	D. Is delivery address different from item 1? <input type="checkbox"/> Yes If YES, enter delivery address below: <input type="checkbox"/> No
PS Form 3811, August 2001	3. Service Type <input checked="" type="checkbox"/> Certified Mail <input type="checkbox"/> Express Mail <input type="checkbox"/> Registered <input type="checkbox"/> Return Receipt for Merchandise <input type="checkbox"/> Insured Mail <input type="checkbox"/> C.O.D.
Domestic Return Receipt	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> Yes 102595-02-M-1540

U.S. Postal Service
CERTIFIED MAIL RECEIPT
(Domestic Mail Only; No Insurance Coverage Provided)

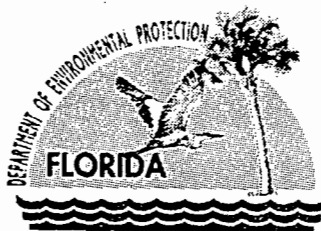
NEED FOR OFFICIAL USE

7000 2870 0000 7028 1327

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To
 Mr. Aaron P. Corkum
 Street, Apt. No.; or PO Box No.
 602 McKean Street
 City, State, ZIP+4
 Auburndale, Florida 33823

PS Form 3800, May 2000 See Reverse for Instructions



Jeb Bush
Governor

Department of Environmental Protection

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

David B. Struhs
Secretary

July 1, 2003

CERTIFIED MAIL-RETURN RECEIPT REQUESTED

Mr. Aaron P. Corkum
Environmental Affairs Manager
Cutrale Citrus Juices USA, Inc.
602 McKean Street
Auburndale, Florida 33823-4070

RE: Cutrale Citrus Juices USA, Inc.
Permit No. 1050023-014-AC

Dear Mr. Corkum:

The Bureau of Air Regulation received your June 27, 2003 request to modify and extend the above referenced permit. Since this facility holds a valid Title V operation permit, no fee is required to process this request pursuant to Chapter 62-4.050(4)(a)2. Your check No. 34517 for \$50.00 is being returned with this letter. If you have any questions, please call me at (850)921-9505.

Sincerely,

A handwritten signature in cursive script that reads 'Patty Adams'.

Patty Adams
Bureau of Air Regulation

/pa

cc: E. Svec

Enclosure

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Aaron P. Corkum
 Environmental Affairs Manager
 Cutrale Citrus Juices USA, Inc.
 602 McKean Street
 Auburndale, FL 33823-4070

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) _____ B. Date of Delivery 7-5

C. Signature X David Boon Agent Addressee

D. Is delivery address different from item 1? Yes No
 If YES, enter delivery address below:

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. 7001 0320 0001 3692 5610

0195 2692 1000 0220 7001

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT**
 (Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

Postage	\$	Postmark Here
Certified Fee		
Return Receipt Fee (Endorsement Required)		
Restricted Delivery Fee (Endorsement Required)		
Total Postage & Fees	\$	

Sent To Aaron P. Corkum
 Street, Apt. No. or P.O. No. 602 McKean St.
 City, State, ZIP+4 Auburndale, FL 33823-4070

602 McKean Street
Auburndale, FL 33823-4070
Tel. 863-965-5000



June 27, 2003

Mr. Ed Svec,
Engineer IV
Florida Department of Environmental Protection
DARM, Bureau of Air Regulation
Mail Station #5505
2600 Blair Stone Road
Tallahassee, FL 32399-2400

RECEIVED
JUL 01 2003
BUREAU OF AIR REGULATION

Re: Cutrale Citrus Juices USA, Inc. – Auburndale, FL
1050023-014-AC, 5th WHE Construction Permit

Dear Mr. Svec,

Enclosed are two copies of an application requesting an amendment to the referenced permit. Cutrale has requested a modification to the citrus peel drying process that includes emission units 001 (No.1 dryer) and 003 (No.2 dryer). The modification requested the addition of a fifth waste heat evaporator (rated at 60,000 lbs/hr of water removal) and a change in the dryer exhaust ducts that would have resulted in the need for a single 68" exhaust stack. The amendment includes increasing the evaporator capacity to 100,000 lbs/hr capacity and the addition of two exhaust stacks (see included schematic diagram). As a title V Facility no application fee is required. Cutrale also requests a one year extension to the construction permit. Enclosed is a check for \$50 to cover the extension fee.

If you have any questions, please contact me at (863) 965-5209 or Kenneth E. Given, P.E. at (813)651-0878.

Sincerely,
Cutrale Citrus Juices USA, Inc.

Aaron P. Corkum
Environmental Affairs Manager

cc. Kenneth Given, P.E., ATC
Jim McDonald, P.E., FDEP South District

***CUTRALE CITRUS JUICES USA, INC.
AUBURNDALE FACILITY***

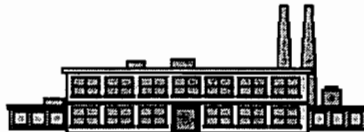
**APPLICATION FOR AMMENDMENT
TO TITLE V AIR PERMIT**

PREPARED FOR:

***CUTRALE CITRUS JUICES USA, INC.
602 McKEAN STREET
AUBURNDALE, FLORIDA
POLK COUNTY***

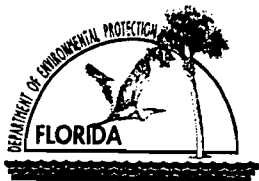
PREPARED BY:

ATC



AIR TESTING & CONSULTING

***333 FALKENBURG ROAD, SUITE B-214
TAMPA, FLORIDA 33619***



Department of Environmental Protection

Division of Air Resources Management

APPLICATION FOR AIR PERMIT - TITLE V SOURCE

See Instructions for Form No. 62-210.900(1)

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: CUTRALE CITRUS JUICES USA, INC.	
2. Site Name: CUTRALE CITRUS JUICES USA, INC. - AUBURNDALE	
3. Facility Identification Number: 1050023 [] Unknown	
4. Facility Location: Street Address or Other Locator: 602 MCKEAN STREET City: AUBURNDALE County: POLK Zip Code: 33823	
5. Relocatable Facility? [] Yes [X] No	6. Existing Permitted Facility? [X] Yes [] No

Application Contact

1. Name and Title of Application Contact: AARON P. CORKUM -MANAGER OF ENVIRONMENTAL AFFAIRS	
2. Application Contact Mailing Address: Organization/Firm: CUTRALE CITRUS JUICES USA, INC. - AUBURNDALE Street Address: 602 MCKEAN STREET City: AUBURNDALE State: FLORIDA Zip Code: 33823	
3. Application Contact Telephone Numbers: Telephone: (863) 965 - 5209 Fax: (863) 965 - 5195	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	7-1-03
2. Permit Number:	1050023-015-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

Purpose of Application

Air Operation Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Initial Title V air operation permit for an existing facility which is classified as a Title V source.
- Initial Title V air operation permit for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number: _____

- Title V air operation permit revision to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: _____

Operation permit number to be revised: _____

- Title V air operation permit revision or administrative correction to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. (Also check Air Construction Permit Application below.)

Operation permit number to be revised/corrected: _____

- Title V air operation permit revision for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit number to be revised: _____

Reason for revision: _____

Air Construction Permit Application

This Application for Air Permit is submitted to obtain: (Check one)

- Air construction permit to construct or modify one or more emissions units.
- Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.
- Air construction permit for one or more existing, but unpermitted, emissions units.

Owner/Authorized Representative or Responsible Official

1. Name and Title of Owner/Authorized Representative or Responsible Official: Aaron P. Corkum – Manager of Environmental Affairs
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Cutrale citrus Juices USA, Inc. Street Address: 602 McKean Street City: Auburndale State: Florida Zip Code: 33823
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (863) 965 - 5209 Fax: (863) 965 - 5195
4. Owner/Authorized Representative or Responsible Official Statement: <i>I, the undersigned, am the owner or authorized representative*(check here [] , if so) or the responsible official (check here [X], if so) of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i> Signature: <u>Aaron P. Corkum</u> Date: <u>6/27/03</u>

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: Kenneth E. Given Registration Number: 23203
2. Professional Engineer Mailing Address: Organization/Firm: Air Testing & Consulting, Inc. Street Address: 333 Falkenburg Rd. N. B-214 City: Tampa State: Florida Zip Code: 33619
3. Professional Engineer Telephone Numbers: Telephone: (813) 651 - 0878 Fax: (813) 653 - 9082

4. Professional Engineer Statement:

I, the undersigned, hereby certify, except as particularly noted herein, that:*

(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and

(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.

If the purpose of this application is to obtain a Title V source air operation permit (check here [], if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.

If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [X], if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.

If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [], if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.

Signature
STATE OF

(seal)

Date

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
001	60,000 lbs/hr – Citrus peel dryer No. 1	ACM1	
003	60,000 lbs/hr – Citrus peel dryer No. 2	ACM1	

Application Processing FeeCheck one: Attached - Amount: \$ _____ Not Applicable

Construction/Modification Information

1. Description of Proposed Project or Alterations:

Dryer No. 1 exhausts to waste heat evaporators (WHE) A/B which have a combined heat recovery rating of 106,000 lbs/hr of water. Dryer No. 2 exhausts to waste heat evaporators (WHE) C/D which have heat recovery ratings of 50,000 lbs/hr of water and 60,000 lbs/hr of water, respectively. The A/B WHE exhausts to a 57" diameter stack and the C/D WHE exhausts to a 38" diameter stack.

Cutrale proposes to add a fifth WHE, rated at 100,000 lbs/hr of water. The new evaporator (E) will include a water scrubbing system to clean the evaporator walls and remove particulate matter. The existing dryer exhaust ducts will be modified so that both dryer exhausts will combine in a manifold upon leaving each dryer's dust separator. The manifold will be tied into the five (A, B, C, D and E) waste heat evaporators and a balance stack. The "E" evaporator will exhaust through a new 57" stack. "C" evaporators will exhaust through the existing 38" stack and the "D" evaporator will exhaust through a new 36" stack.

2. Projected or Actual Date of Commencement of Construction:8/15/03

3. Projected Date of Completion of Construction:11/15/03

Application Comment

The project will not increase production rates in the dryers and should reduce emissions because of the additional scrubber that is part of the WHE. The purpose of the project is to increase heat recovery and to provide flexibility of operation.

II. FACILITY INFORMATION

A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates:			
Zone: 17		East (km): 421.6	North (km): 3103.7
2. Facility Latitude/Longitude:			
Latitude (DD/MM/SS):		Longitude (DD/MM/SS):	
3. Governmental Facility Code:	4. Facility Status Code:	5. Facility Major Group SIC Code:	6. Facility SIC(s):
0	A	20	2037
7. Facility Comment (limit to 500 characters):			

Facility Contact

1. Name and Title of Facility Contact: Aaron P. Corkum / Manager of Environmental Affairs
2. Facility Contact Mailing Address: Organization/Firm: Cutrale citrus Juices USA, Inc. Street Address: 602 McKean Street City: Auburndale State: Florida Zip Code: 33823
3. Facility Contact Telephone Numbers: Telephone: (863) 965 - 5209 Fax: (863) 965 - 5195

Facility Regulatory Classifications

Check all that apply:

1. <input type="checkbox"/> Small Business Stationary Source?	<input type="checkbox"/> Unknown
2. <input checked="" type="checkbox"/> Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. <input type="checkbox"/> Synthetic Minor Source of Pollutants Other than HAPs?	
4. <input type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)?	
5. <input type="checkbox"/> Synthetic Minor Source of HAPs?	
6. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS?	
7. <input type="checkbox"/> One or More Emission Units Subject to NESHAP?	
8. <input type="checkbox"/> Title V Source by EPA Designation?	
9. Facility Regulatory Classifications Comment (limit to 200 characters):	

List of Applicable Regulations

Federal: Title V Core List	Major Facility Regulations - effective 3/25/96 as issued by DEP
State: 62-4, F.A.C.	Permitting Requirements
62-210.350(1)(a)(1), F.A.C.	Public Notice for Construction Permit
62-297.620, F.A.C.	Exceptions and Approval of Alternate Procedures and Requirements
62-210.700, F.A.C.	Excess Emissions
62-212.300, F.A.C.	General Preconstruction Review Requirements
62-297.401, F.A.C.	EPA Test Procedures
62-297.310, F.A.C.	General Test Requirements
62-297.400, F.A.C.	EPA Methods Adopted by Reference
62-212.400	Prevention of Significant Deterioration (PSD)

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutant Emitted	2. Pollutant Classif.	3. <u>Requested Emissions Cap</u>		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM	A				
NOx	A				
SO ₂	A				
CO	A				
VOC	A				

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: <u>A</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Supplemental Requirements Comment:

III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through J as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application.

**A. GENERAL EMISSIONS UNIT INFORMATION
(All Emissions Units)**

Emissions Unit Description and Status

1. Type of Emissions Unit Addressed in This Section: (Check one) <input checked="" type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a single process or production unit, or activity, which produces one or more air pollutants and which has at least one definable emission point (stack or vent). <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, a group of process or production units and activities which has at least one definable emission point (stack or vent) but may also produce fugitive emissions. <input type="checkbox"/> This Emissions Unit Information Section addresses, as a single emissions unit, one or more process or production units and activities which produce fugitive emissions only.			
2. Regulated or Unregulated Emissions Unit? (Check one) <input checked="" type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit. <input type="checkbox"/> The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.			
3. Description of Emissions Unit Addressed in This Section (limit to 60 characters): Dryers No. 1 and No.2			
4. Emissions Unit Identification Number: ID: 001 and 003 <input type="checkbox"/> No ID <input type="checkbox"/> ID Unknown 			
5. Emissions Unit Status Code: A	6. Initial Startup Date: 001 – 1972, 003 - 1976	7. Emissions Unit Major Group SIC Code: 20	8. Acid Rain Unit? <input type="checkbox"/>
9. Emissions Unit Comment: (Limit to 500 Characters)			

Emissions Unit Control Equipment

1. Control Equipment/Method Description (Limit to 200 characters per device or method):
Cyclone followed by a wet scrubber (integrated with waste heat evaporator)

2. Control Device or Method Code(s):075, 003

Emissions Unit Details

1. Package Unit: Manufacturer:	Model Number:
2. Generator Nameplate Rating:	MW
3. Incinerator Information: Dwell Temperature:	°F
Dwell Time:	seconds
Incinerator Afterburner Temperature:	°F

**B. EMISSIONS UNIT CAPACITY INFORMATION
(Regulated Emissions Units Only)**

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate:	90 mmBtu/hr (each)		
2. Maximum Incineration Rate:	lb/hr		tons/day
3. Maximum Process or Throughput Rate:	55 TPH (each)		
4. Maximum Production Rate:			
5. Requested Maximum Operating Schedule:			
	hours/day		days/week
	weeks/year	8,760	hours/year
6. Operating Capacity/Schedule Comment (limit to 200 characters):	Each dryer is rated at 55 TPH and 90 MMBTU/hr. The feed consists of citrus peel, lime and approximately 68 - 72% water		

C. EMISSIONS UNIT REGULATIONS
(Regulated Emissions Units Only)

List of Applicable Regulations

State:	62-296.320(4)(a), F.A.C.	General PM Emission Limiting Standard - Process Weight Table
	62-296.320(4)(b), F.A.C.	General Visible Emission Standard

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? ATTACHMENT A - A/B		2. Emission Point Type Code: 2	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
5. Discharge Type Code: V	6. Stack Height: 75 feet	7. Exit Diameter: 4.75 feet	
8. Exit Temperature: 130 °F	9. Actual Volumetric Flow Rate: 12,000 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):			
14. Emission Point Comment (limit to 200 characters): "A/B" Evaporators will exhaust through a 57 inch stack.			

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? ATTACHMENT A - C		3. Emission Point Type Code: 2	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
6. Discharge Type Code: V	6. Stack Height: 75 feet	7. Exit Diameter: 3.2 feet	
8. Exit Temperature: 130 °F	9. Actual Volumetric Flow Rate: 12,000 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):			
14. Emission Point Comment (limit to 200 characters): "C" Evaporator will exhaust through a 38 inch stack.			

**D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)**

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? ATTACHMENT A - D		4. Emission Point Type Code: 2	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
7. Discharge Type Code: V	6. Stack Height: 75 feet	7. Exit Diameter: 3 feet	
8. Exit Temperature: 130 °F	9. Actual Volumetric Flow Rate: 12,000 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):			
14. Emission Point Comment (limit to 200 characters): "D" Evaporator will exhaust through a new 36 inch stack			

D. EMISSION POINT (STACK/VENT) INFORMATION
(Regulated Emissions Units Only)

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram? ATTACHMENT A - E		5. Emission Point Type Code: 2	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point):			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:			
8. Discharge Type Code: V	6. Stack Height: 75 feet	7. Exit Diameter: 4.75 feet	
8. Exit Temperature: 130 °F	9. Actual Volumetric Flow Rate: 12,000 acfm	10. Water Vapor: %	
11. Maximum Dry Standard Flow Rate: dscfm		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates: Zone: East (km): North (km):			
14. Emission Point Comment (limit to 200 characters): "E" Evaporator will exhaust through a new 57 inch stack			

E. SEGMENT (PROCESS/FUEL) INFORMATION
(All Emissions Units)

Segment Description and Rate: Segment 1 of 3

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Citrus peel drying		
6. Source Classification Code (SCC): 3-02-999-98		3. SCC Units: Tons Processed
7. Maximum Hourly Rate: 55	8. Maximum Annual Rate: 481,800	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment (limit to 200 characters): Each dryer processes 55 TPH or a total of 110 TPH		

Segment Description and Rate: Segment 2 of 3

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Dryer fired with natural gas		
2. Source Classification Code (SCC): 3-90-006-99		3. SCC Units: MMBTU/HR
3. Maximum Hourly Rate: 0.0857	4. Maximum Annual Rate: 750.7	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 1050
10. Segment Comment (limit to 200 characters): Each dryer fires at 0.0857 MMCFH or a total of 0.1714 MMCFH		

Emissions Unit Information Section 1 of 1

Segment Description and Rate: Segment 3 of 3

1. Segment Description (Process/Fuel Type) (limit to 500 characters): Dryer fired with fuel oil		
5. Source Classification Code (SCC): 3-90-004-99		3. SCC Units: MGAL/HR
6. Maximum Hourly Rate: 0.6	7. Maximum Annual Rate: 5256	6. Estimated Annual Activity Factor:
8. Maximum % Sulfur: 1.95	8. Maximum % Ash:	11. Million Btu per SCC Unit: 150
12. Segment Comment (limit to 200 characters): Each dryer fires at 0.6 MGAL/HR or a total of 1.2 MGAL/HR		

Segment Description and Rate: Segment ___ of ___

1. Segment Description (Process/Fuel Type) (limit to 500 characters):		
9. Source Classification Code (SCC):		3. SCC Units:
10. Maximum Hourly Rate:	11. Maximum Annual Rate:	6. Estimated Annual Activity Factor:
12. Maximum % Sulfur:	8. Maximum % Ash:	13. Million Btu per SCC Unit:
14. Segment Comment (limit to 200 characters):		

**F. EMISSIONS UNIT POLLUTANTS
(All Emissions Units)**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
PM	075	003	EL
SO ₂	N/A	003	EL
NO _x	N/A	N/A	NS
CO	N/A	N/A	NS
VOC	N/A	N/A	NS

Emissions Unit Information Section 1 of 1

Pollutant Detail Information Page 1 of 2

G. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION
(Regulated Emissions Units -
Emissions-Limited and Preconstruction Review Pollutants Only)

Potential/Fugitive Emissions

1. Pollutant Emitted: PM	2. Total Percent Efficiency of Control:
3. Potential Emissions: 32.87 lbs/hour 143.96 tons/year	4. Synthetically Limited? []
5. Range of Estimated Fugitive Emissions: [] 1 [] 2 [] 3 _____ to _____ tons/year	
6. Emission Factor: 32.87 lbs/hr Reference: Process Weight Table	7. Emissions Method Code: 0
8. Calculation of Emissions (limit to 600 characters): Each dryer (1 & 2) will emit: $E = 17.31P^{0.16} = 17.31 \times (55)^{0.16} = 32.87 \text{ lbs/hr}$ $32.87 \text{ lbs/hr} \times 8,760 \text{ hrs/yr} \times \text{ton}/2,000 \text{ lbs} = 143.96 \text{ tons}$	
9. Pollutant Potential/Fugitive Emissions Comment (limit to 200 characters): Emissions are for each unit	

Allowable Emissions Allowable Emissions 1 of 1

1. Basis for Allowable Emissions Code: RULE	2. Future Effective Date of Allowable Emissions:
3. Requested Allowable Emissions and Units: 32.87 lbs/hr	4. Equivalent Allowable Emissions: 32.87 lb/hour 143.96 tons/year
5. Method of Compliance (limit to 60 characters): EPA Method 5	
6. Allowable Emissions Comment (Desc. of Operating Method) (limit to 200 characters):	

H. VISIBLE EMISSIONS INFORMATION
 (Only Regulated Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: [X] Rule [] Other
3. Requested Allowable Opacity: Normal Conditions: 20 % Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: EPA Method 9	
5. Visible Emissions Comment (limit to 200 characters):	

I. CONTINUOUS MONITOR INFORMATION
 (Only Regulated Emissions Units Subject to Continuous Monitoring)

Continuous Monitoring System: Continuous Monitor _____ of _____

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	[] Rule [] Other
4. Monitor Information: Manufacturer: Model Number: Serial Number:	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment (limit to 200 characters):	

**J. EMISSIONS UNIT SUPPLEMENTAL INFORMATION
(Regulated Emissions Units Only)**

Supplemental Requirements

1. Process Flow Diagram <input checked="" type="checkbox"/> Attached, Document ID: <u>A</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input checked="" type="checkbox"/> Attached, Document ID: <u>A</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously submitted, Date: _____ <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Other Information Required by Rule or Statute <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Supplemental Requirements Comment:



PROCESS DESCRIPTION

PROCESS DESCRIPTION

Cutrale – Auburndale has two citrus peel dryers, each rated at 60,000 lbs/hr hour of water evaporation capacity. The permitted rate for each is 55 tons per hour of citrus peel feed at a maximum firing rate of 90 MMBTU/hr.

Dryer No. 1 (ID: 001) exhausts through A and B waste heat evaporators (WHE) into a 57" diameter exhaust stack. A and B evaporators together are rated at 106,000 lbs/hr capacity. Dryer No. 2 (ID: 003) exhausts through C and D waste heat evaporators into a 38" diameter exhaust stack. C evaporator is rated at 50,000 lbs/hr and D is rated at 60,000 lbs/hr.

Permit No. 1050023-014-AC was issued to allow Cutrale to install a fifth evaporator, E, and to modify the existing exhaust ducts. The evaporator was rated at 60,000 lbs/hr and the exhaust gases from each were to discharge through a new common 68" stack. Cutrale requests an amendment to that permit to install evaporator E as a 100,000 lbs/hr unit and that there be multiple exhaust stacks instead of one.

Proposed Modification

The exhaust from each of No. 1 and No.2 dryer's dust separators will tie into a common header leading to the five waste heat evaporators. Just prior to the evaporators inlets, the exhaust gases will enter a manifold which ties into the evaporators and which are parallel with each other (see sketch – SCHEMATIC DIAGRAM – Proposed Modification). Each evaporator will have a flow control damper and a fan will pull exhaust gas through its respective evaporator. The flow control damper will allow flexibility in control of the exhaust gases. The manifold also will have 68" Balance/Emergency Stack to allow air to be drawn in to help maintain the proper draw on the dryers. The A/B evaporators (rated at 106,000 lbs/hr water removal capacity) will discharge into the existing 57" A/B stack. The C evaporator (rated at 50,000 lbs/hr water removal capacity) will discharge into the existing 38" C stack. The D evaporator (rated at 60,000 lbs/hr water removal capacity) will discharge into the 36" D stack. The E evaporator (rated at 100,000 lbs/hr water removal capacity) will discharge into the 57" E stack.

Operation of WHE's

Cutrale will ensure that exhaust gas from each peel dryer is directed to a minimum of two evaporators during any time a peel dryer is in operation. Exhaust gas from one operating peel dryer will be directed to at least two evaporators and exhaust from two operating peel dryers will be directed to a minimum of four evaporators.

Compliance Testing

Annual compliance will be performed on each dryer as presently performed. Dryer No. 1 will be tested, as now, with exhaust gases passing through the A/B evaporators and through the 57" A/B stack. Dryer No. 2 will be tested, with exhaust gases passing through two of the three remaining evaporators and their respective stacks (C, D and E). Testing will be performed on the two stacks simultaneously.

**COMPLIANCE
CERTIFICATION**

Compliance Certification

"I, the undersigned, am the responsible official as defined in Chapter 62-210.200, F.A.C., of the Title V source for which this report is being submitted. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made and data contained in this report are true, accurate, and complete."

Aaron P. Corkum

Signature

6/27/03

Date

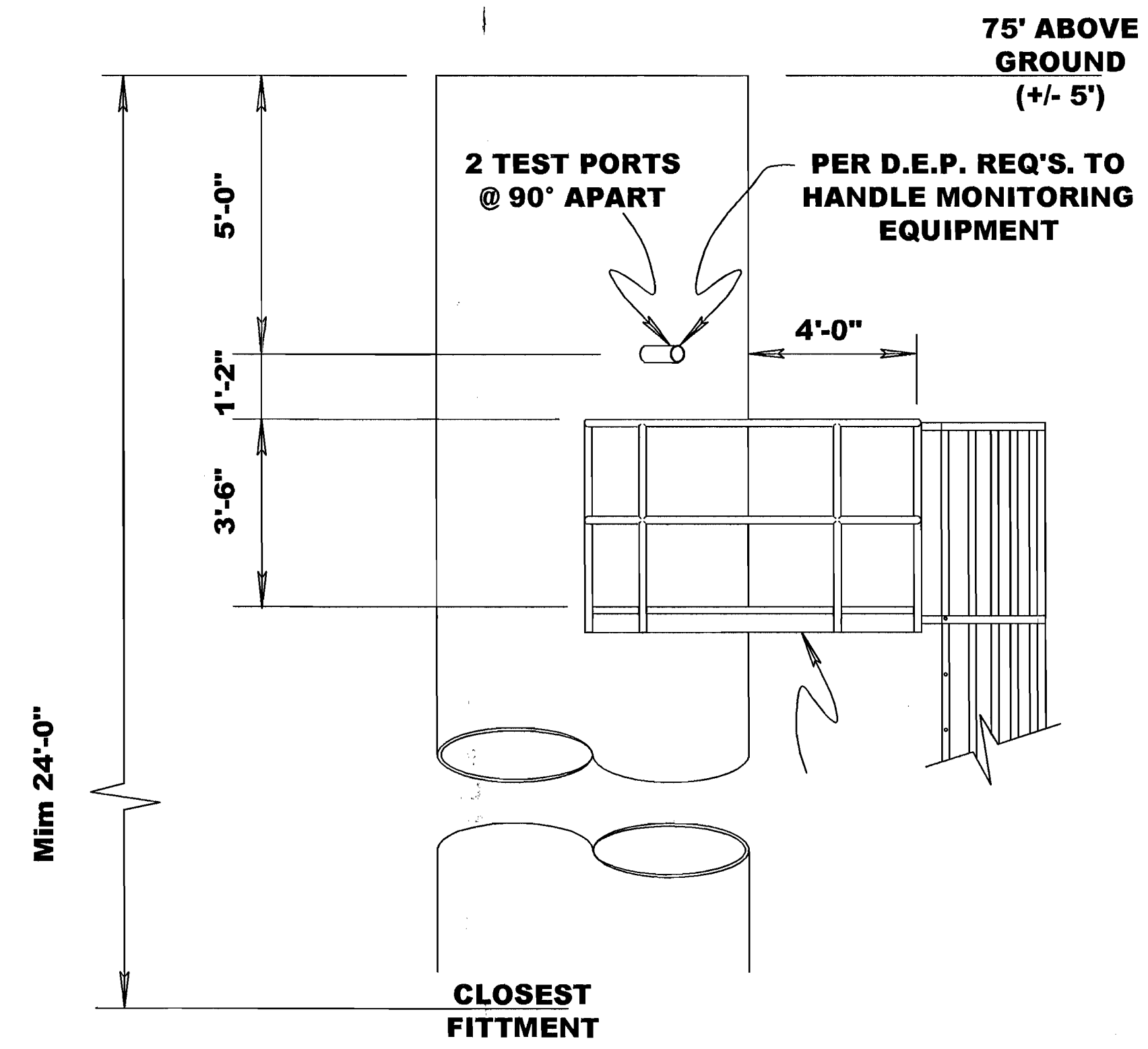
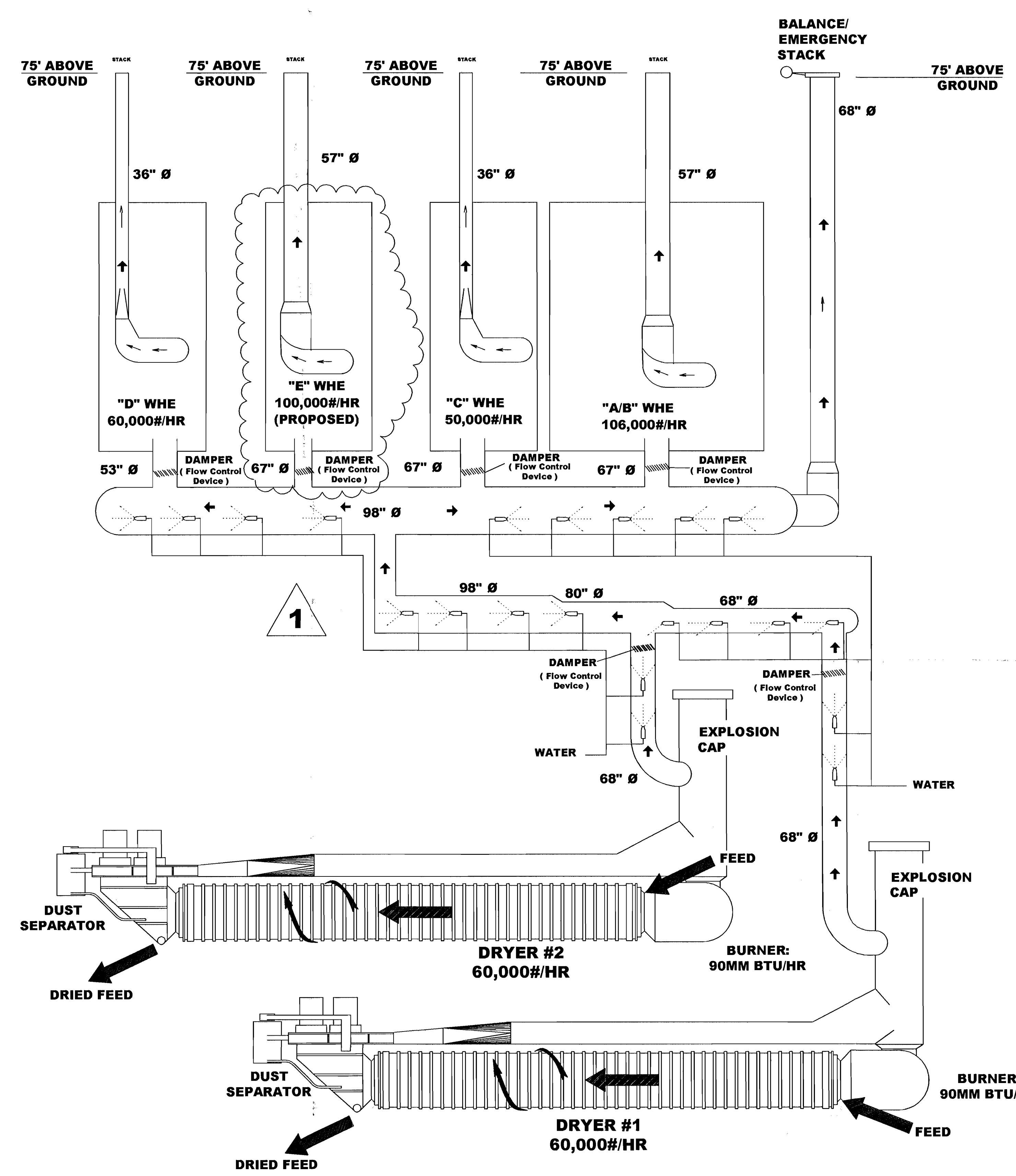
AARON P. CORKUM

Printed Name

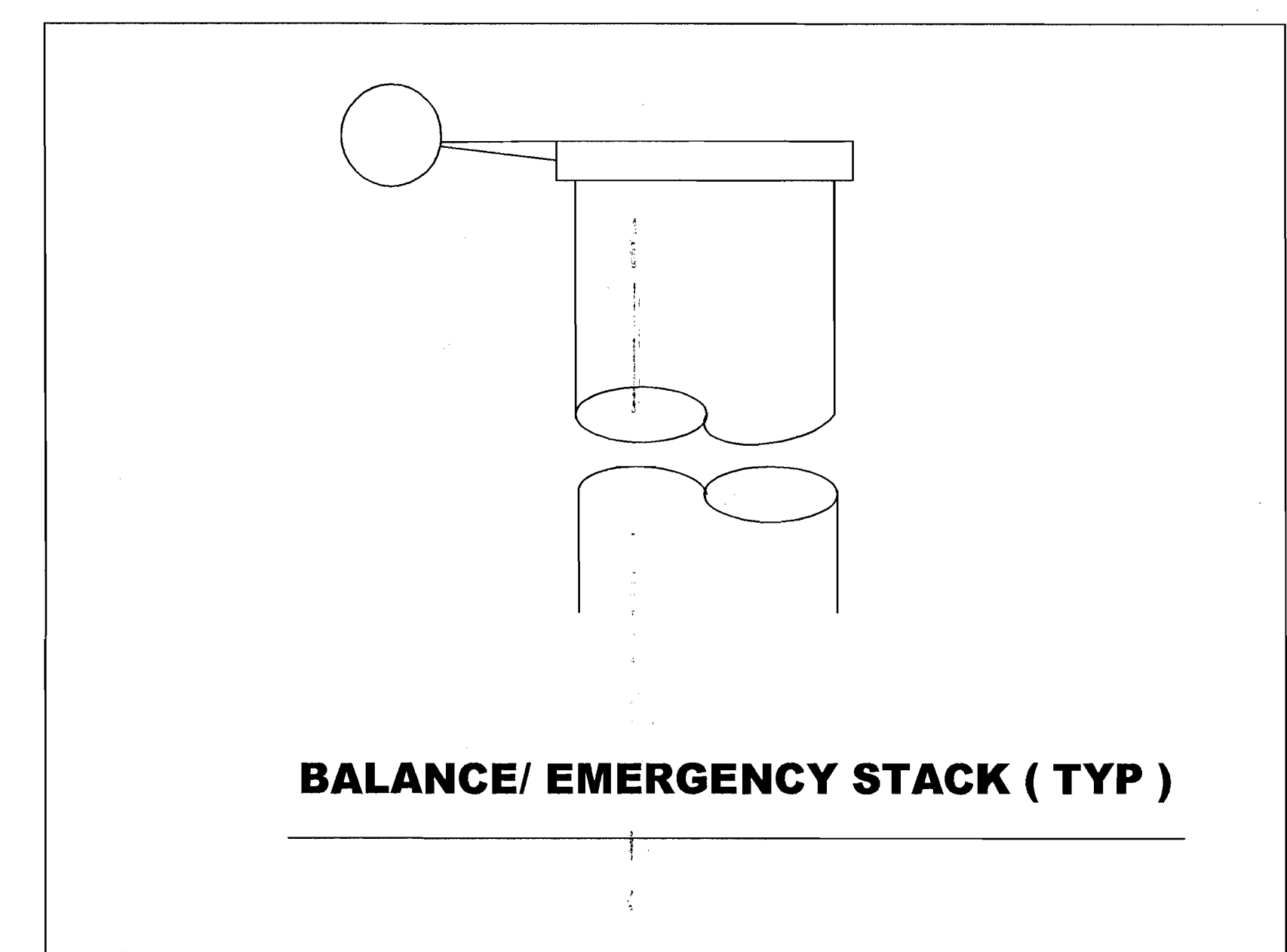
MANAGER OF ENVIRONMENTAL AFFAIRS

Title

SCHEMATIC DIAGRAM



**TYP
(FOR ALL STACKS)**



**SCHEMATIC DIAGRAM
SHOWING PROPOSED MODIFICATIONS**

REVISIONS		CUTRALE		TITLE	
N°	DATE	CUTRALE CITRUS AGEN USA		WASTE HEAT EVAPORATOR	
		PROJ. BY	GILBERTO S.	AREA	AUBURDALE PLANT
		DRAWN BY	GILBERTO S.	UNITY	
		APP'D BY	GILBERTO S.	DWG. N°	ES - A423 - P - 048
				ACAD. N°	
				SCALE	NONE
				REVISION	

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Aaron P. Corkum
 Environmental Affairs Manager
 Cutrale Citrus Juices USA, Inc.
 602 McKean Street
 Auburndale, FL 33823-4070

COMPLETE THIS SECTION ON DELIVERY

A. Received by (Please Print Clearly) B. Date of Delivery

C. Signature Agent

Dave/Boa Addressee

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

2. 7001 0320 0001 3692 5610

PS Form 3811, July 1999

Domestic Return Receipt

102595-99-M-1789

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT**
 (Domestic Mail Only; No Insurance Coverage Provided)

OFFICIAL USE

0795 2692 1000 0001 0320 7001

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
 Here

Sent To
 Aaron P. Corkum
 Street, Apt. No.
 or P.O. Box No.
 602 McKean St.
 City, State, ZIP+4
 Auburndale, FL 33823-4070

PS Form 3800, January 2001

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:
 Mr. Aaron P. Corkum
 Manager of Environmental Affairs
 Cutrale Citrus Juices USA, Inc.
 602 McKean Street
 Auburndale, Florida 33823

2. Article Number
 (Transfer from service label) 7000 2870 0000 7028 1327

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature Agent
 Addressee

B. Received by (Printed Name) *Hernandez* C. Date of Delivery *7-16*

D. Is delivery address different from item 1? Yes
 If YES, enter delivery address below: No

3. Service Type
 Certified Mail Express Mail
 Registered Return Receipt for Merchandise
 Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee) Yes

**U.S. Postal Service
 CERTIFIED MAIL RECEIPT
 (Domestic Mail Only; No Insurance Coverage Provided)**

7000 2870 0000 7028 1327

OFFICIAL USE
 Mr. Aaron P. Corkum

Postage	\$
Certified Fee	
Return Receipt Fee (Endorsement Required)	
Restricted Delivery Fee (Endorsement Required)	
Total Postage & Fees	\$

Postmark
 Here

Sent To
 Mr. Aaron P. Corkum
 Street, Apt. No.; or PO Box No.
 602 McKean Street
 City, State, ZIP+4
 Auburndale, Florida 33823

PS Form 3800, May 2000

See Reverse for Instructions

SENDER: COMPLETE THIS SECTION

- Complete items 1, 2, and 3. Also complete item 4 if Restricted Delivery is desired.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

1. Article Addressed to:

Mr. Aaron P. Corkum
 Manager of Environmental Affairs
 Citrale Citrus Juices USA, Inc.
 602 McKean Street
 Auburndale, Florida 33823

2. Article Number

(Transfer from service label) 7000 2870 0000 7028 1389

PS Form 3811, August 2001

Domestic Return Receipt

102595-02-M-1540

COMPLETE THIS SECTION ON DELIVERY

A. Signature

*Regina Moore

 Agent Addressee

B. Received by (Printed Name)

C. Date of Delivery

5-7

D. Is delivery address different from item 1? YesIf YES, enter delivery address below: No

3. Service Type

 Certified Mail Express Mail Registered Return Receipt for Merchandise Insured Mail C.O.D.

4. Restricted Delivery? (Extra Fee)

 Yes**U.S. Postal Service
CERTIFIED MAIL RECEIPT**

(Domestic Mail Only; No Insurance Coverage Provided)

Mr. Aaron P. Corkum

Postage \$

Certified Fee

Return Receipt Fee
(Endorsement Required)Restricted Delivery Fee
(Endorsement Required)

Total Postage & Fees \$

Postmark
Here

Sent To

Mr. Aaron P. Corkum

Street, Apt. No.; or PO Box No.

602 McKean Street

City, State, ZIP+4

Auburndale, Florida 33823

PS Form 3800, May 2000

See Reverse for Instructions

7000 2870 0000 7028 1389