

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,

Patty Adams
Bureau of Air Regulation

/pa

cc: E. Svec

Enclosure

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. Received by (Please Print Clearly)	B. Date of Delivery 7-5
	C. Signature X <i>Dawn Bow</i> <input type="checkbox"/> Agent <input type="checkbox"/> Addressee	
1. Article Addressed to: Mr. Aaron P. Corkum Environmental Affairs Manager Cutrale Citrus Juices USA, Inc. 602 McKean Street Auburndale, FL 33823-4070	D. Is delivery address different from item 1? If YES, enter delivery address below: <input type="checkbox"/> Yes <input type="checkbox"/> No	
	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.	
	4. Restricted Delivery? (Extra Fee) <input type="checkbox"/> 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)		
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. Box No. 602 McKean St.		
City, State, ZIP+4 Auburndale, FL 33823-4070		
PS Form 3800, January 2001		See Reverse for Instructions

0795 2692 1000 02E0 1007

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

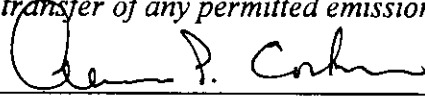
This Application for Air Permit is submitted to obtain: (Check one)

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 _____ 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.

Kenneth E. Swen

Signature

6-26-03

Date

(seal)

* Attach any exception to certification statement.

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.

Facility Regulatory Classifications

Check all that apply:

1. [] Small Business Stationary Source?	[] Unknown
2. [X] Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)?	
3. [] Synthetic Minor Source of Pollutants Other than HAPs?	
4. [] Major Source of Hazardous Air Pollutants (HAPs)?	
5. [] Synthetic Minor Source of HAPs?	
6. [X] One or More Emissions Units Subject to NSPS?	
7. [] One or More Emission Units Subject to NESHAP?	
8. [] 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. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
PM	A				
NOx	A				
SO ₂	A				
CO	A				
VOC	A				

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		

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
SO2	N/A	003	EL
NOx	N/A	N/A	NS
CO	N/A	N/A	NS
VOC	N/A	N/A	NS

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> [] Not Applicable [] Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ [] Not Applicable <input checked="" type="checkbox"/> Waiver Requested
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ [] Not Applicable <input checked="" type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input checked="" type="checkbox"/> Attached, Document ID: <u> A </u> [] Not Applicable [] 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: _____ [] Not Applicable [] Waiver Requested
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable [] 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