



RIDGE PROFESSIONAL GROUP, INC.

LAND DEVELOPMENT DESIGN & PERMITTING SERVICES

306 Pilaklakaha Ave. Suite 2, Auburndale, FL 33823
Phone (863) 965-8821 Fax (863) 965-9660

May 9, 2002

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

RECEIVED

MAY 13 2002

BUREAU OF AIR REGULATION

RE: Citrusuco North America, Inc. – New 1,000 Horsepower Boiler
DEP File No. 1050001-004-AC

Dear Mr. Svec:

Project No = 1050001-005-AV

The purpose of this submittal is to notify the Florida Department of Environmental Protection that the captioned project has been constructed. Initial startup of the boiler has taken place and there are no physical or operational changes to the existing facility that may increase the emission rate of any air pollutant to which standards apply. Pursuant to the facility's existing operating permit, Air Testing and Consulting conducted an annual visible emission test on March 15, 2002. For your reference, we have attached a copy of the test results.

As discussed with Gerald J. Kissel, P.E., Air Permitting Supervisor – Southwest District, we have enclosed an "Application for Air Permit – Title V Source" to modify the facility's existing operating permit and to certify the construction of the new boiler unit. RIDGE PROFESSIONAL GROUP, INC., conducted a field review of the project and certifies the "in-kind" replacement and construction of the new boiler unit. Please let us know if you need any additional information or have any questions concerning this project. Thank you in advance for your prompt attention to this matter.

Sincerely,
RIDGE PROFESSIONAL GROUP, INC.

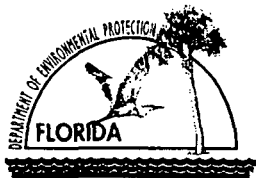
Matthew Johnson, E.I.
Project Engineer

James A. Carnicelli, P.E.
Principal Engineer

Attachments: Four (4) Executed "Application for Air Permit – Title V Source"

xc: Gerald J. Kissel, P.E. – FDEP
Nick Emanuel, C.O.O. – Citrusuco North Amercia, Inc.





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: Citrusuco North America, Inc.	
2. Site Name: Lake Wales Plant	
3. Facility Identification Number: 105001	<input type="checkbox"/> Unknown
4. Facility Location: 5937 Highway 60, East Street Address or Other Locator: City: Lake Wales County: Polk Zip Code: 33898	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

Application Contact

1. Name and Title of Application Contact: Nick Emanuel, C. O. O.	
2. Application Contact Mailing Address: Organization/Firm: Citrusuco North America, Inc. Street Address: 5937 Highway 60, East City: Lake Wales State: Florida Zip Code: 33898	
3. Application Contact Telephone Numbers: Telephone: (863) 696-7400 Fax: (863) 696-1092	

Application Processing Information (DEP Use)

1. Date of Receipt of Application:	
2. Permit Number:	
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: 150001-004-AC

Operation permit number to be revised: on file

- ☐ 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: Nick Emanuel, C. O. O.
2. Owner/Authorized Representative or Responsible Official Mailing Address: Organization/Firm: Citrusuco North America, Inc. Street Address: 2937 Highway 60, East City: Lake Wales State: Florida Zip Code: 33898
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: (863) 696 - 7400 Fax: (863) 696 - 1092
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 [], 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

* Attach letter of authorization if not currently on file.

Professional Engineer Certification

1. Professional Engineer Name: James A. Carnicelli, PE Registration Number: Florida 19727
2. Professional Engineer Mailing Address: Organization/Firm: Ridge Professional Group Inc. Street Address: 306 Pilaklakaha Ave, Suite 2 City: Auburndale State: Florida Zip Code: 33823
3. Professional Engineer Telephone Numbers: Telephone: (863) 965 - 8821 Fax: (863) 965 - 9660

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

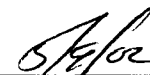
(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions 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 [], 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 [X], 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  19727
(seal) 

Date 

* Attach any exception to certification statement.

Scope of Application

Emissions Unit ID	Description of Emissions Unit	Permit Type	Processing Fee
Boiler	1000 HP Johnston Boiler Model No. PFTA1000-4LG-200 Serial No. 824701	IN-KIND Replacement	0

Application Processing Fee

Check one: ☐ Attached - Amount: \$ _____ ☒ Not Applicable

Construction/Modification Information**1. Description of Proposed Project or Alterations:**

Replacement of existing permitted boiler with identical (In-Kind) boiler unit. Existing boiler firebox will be utilized and modified controls installed to update safety systems.

2. Projected or Actual Date of Commencement of Construction: 10-1-01

3. Projected Date of Completion of Construction: 11-29-01

Application Comment

Construction has been completed. We are requesting a modification to existing operating permit to place a new replacement unit into operation.

ATC



AIR TESTING & CONSULTING

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

To the best of my knowledge, all field and analytical procedures comply with
Florida Department of Environmental Protection requirements and all test
data and plant operating data are true and correct.

Kenneth E. Given, P.E.

3/15/02
Date

RECEIVED

MAY 13 2002

BUREAU OF AIR REGULATION

AIR TESTING & CONSULTING, INC.

(813) 651-0878

60 min

FACILITY NAME Citrosuco		PERMIT NUMBER 1050001-001-AU	
SOURCE Citrus Processor		NEDS NO. 0001	ID. NO. 012
ADDRESS HWY 60			
CITY Lakeland	COUNTY POLK	ZIP 33853	
CONTACT Joseph Dalton		PHONE 863-696-7400	
PROCESS EQUIPMENT Boiler		OPERATING RATE 95%	
CONTROL EQUIPMENT N/A		OPERATING MODE —	

FUEL TYPE/RATE Nat. Gas		MATERIAL TYPE/RATE Steam	
DESCRIBE EMISSION POINT			
START Stack Exit		STOP same	
HEIGHT ABOVE GROUND LEVEL START 240 STOP <input checked="" type="checkbox"/>		HEIGHT RELATIVE TO OBSERVER START 30 STOP <input checked="" type="checkbox"/>	
DISTANCE FROM OBSERVER START 200 STOP <input checked="" type="checkbox"/>		DIRECTION FROM OBSERVER START NW STOP <input checked="" type="checkbox"/>	

DESCRIBE EMISSIONS			
START None		STOP same	
EMISSION COLOR START N/A STOP <input checked="" type="checkbox"/>		PLUME TYPE CONTINUOUS <input type="checkbox"/> INTERMITTENT <input type="checkbox"/>	
WATER DROPLETS PRESENT NO <input type="checkbox"/> YES <input type="checkbox"/>		WATER DROPLET PLUME ATTACHED <input type="checkbox"/> DETACHED <input type="checkbox"/>	
POINT IN THE PLUME AT WHICH OPACITY WAS DETERMINED			
START		STOP	

DESCRIBE BACKGROUND START SKY STOP <input checked="" type="checkbox"/>		AMBIENT TEMP START 70° STOP <input checked="" type="checkbox"/>	
BACKGROUND COLOR START Blue STOP <input checked="" type="checkbox"/>		SKY CONDITIONS START Broken STOP <input checked="" type="checkbox"/>	
WIND SPEED START 3-6 STOP <input checked="" type="checkbox"/>		WIND DIRECTION START SW STOP <input checked="" type="checkbox"/>	

Stack with Plume

Sun

Wind

SOURCE LAYOUT SKETCH Draw North Arrow

Sun Location Line

OBSERVATION DATE					START TIME					STOP TIME				
2-26-02					10:45					11:45				
MIN	SEC				MIN	SEC				MIN	SEC			
	0	15	30	45		0	15	30	45		0	15	30	45
1	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	31	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
2	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	32	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
3	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	33	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
4	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	34	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
5	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	35	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
6	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	36	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
7	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	37	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
8	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	38	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
9	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	39	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
10	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	40	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
11	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	41	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
12	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	42	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
13	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	43	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
14	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	44	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
15	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	45	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
16	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	46	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
17	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	47	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
18	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	48	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
19	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	49	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
20	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	50	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
21	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	51	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
22	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	52	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
23	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	53	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
24	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	54	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
25	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	55	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
26	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	56	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
27	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	57	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
28	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	58	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
29	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	59	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					
30	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	60	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>					

AVERAGE OPACITY FOR HIGHEST 24 CONSECUTIVE READINGS 0	RANGE OF OPACITY READINGS MIN. 0 MAX. 0
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OBSERVER'S NAME (PRINT) Kenneth G. Owen	
OBSERVER'S SIGNATURE <i>Kenneth Owen</i>	DATE 2-26-02
CERTIFIED BY E.T.A.	DATE 2/27/02
COMMENTS	

I CERTIFY THE ABOVE PROCESS RATE DATA IS TRUE TO THE BEST OF MY KNOWLEDGE.	
SIGNATURE	
TITLE	DATE