

**Indiantown Cogeneration, L.P.**

Indiantown Cogeneration, L.P.  
P.O. Box 1799  
13303 SW Silver Fox Lane  
Indiantown, FL 34956

772.597.6500  
Fax: 772.597.6210

October 18, 2005

Trina Vielhauer, Bureau Chief  
Florida Department of Environmental Protection  
Division of Air Resource Management  
Bureau of Air Regulation  
2600 Blair Stone Road MS 5500  
Tallahassee, Florida 32399-2400

**RECEIVED**

OCT 20 2005

BUREAU OF AIR REGULATION

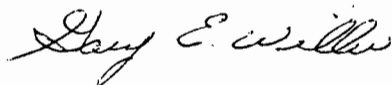
Dear Ms. Vielhauer

Indiantown Cogeneration LP is submitting herewith four (4) copies of the air construction permit application for two new auxiliary boilers to be located at the Indiantown Cogeneration Plant. This permit application has been prepared in accordance with the requirements of Chapter 62-212, F.A.C. In addition, proposed permit condition revisions are attached.

Indiantown Cogeneration LP proposes to install two new auxiliary boilers (EU ID 007) to replace the two existing auxiliary boilers (EU ID 003) at the Indiantown Cogeneration Plant. The auxiliary boilers will be fired with either natural gas or propane and will have a combined maximum continuous rating of 350 million Btu per hour (MMBtu/hr) when firing natural gas and 341 MMBtu/hr when firing propane. Each boiler will be operated for no more than 5,000 hours per year.

If you have any questions concerning the enclosed permit application, please do not hesitate to contact Nicholas Laryea at 772-597-6500 extension 19.

Sincerely yours,



Gary E. Willer  
General Manager

cc: Delvis Gil-Indiantown Cogeneration  
Tracy Patterson - Cogentrix  
AJ Jablonowski- Earth Tech  
David Dee- Landers & Parsons  
File



# Department of Environmental Protection

Division of Air Resource Management

APPLICATION FOR AIR PERMIT - LONG FORM

RECEIVED

OCT 20 2005

## I. APPLICATION INFORMATION

BUREAU OF AIR REGULATION

**Air Construction Permit** – Use this form to apply for an air construction permit for a proposed project:

- subject to prevention of significant deterioration (PSD) review, nonattainment area (NAA) new source review, or maximum achievable control technology (MACT) review; or
- where the applicant proposes to assume a restriction on the potential emissions of one or more pollutants to escape a federal program requirement such as PSD review, NAA new source review, Title V, or MACT; or
- at an existing federally enforceable state air operation permit (FESOP) or Title V permitted facility.

**Air Operation Permit** – Use this form to apply for:

- an initial federally enforceable state air operation permit (FESOP); or
- an initial/revised/renewal Title V air operation permit.

**Air Construction Permit & Revised/Renewal Title V Air Operation Permit (Concurrent Processing Option)**

– Use this form to apply for both an air construction permit and a revised or renewal Title V air operation permit incorporating the proposed project.

To ensure accuracy, please see form instructions.

### Identification of Facility

1. Facility Owner/Company Name: Indiantown Cogeneration, L.P.	
2. Site Name: Indiantown Cogeneration Plant	
3. Facility Identification Number: 0850102	
4. Facility Location. Street Address or Other Locator: 13303 SW Silver Fox Lane City: Indiantown                      County: Martin                      Zip Code: 34956	
5. Relocatable Facility? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	6. Existing Title V Permitted Facility? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

### Application Contact

1. Application Contact Name: Nicholas Laryea	
2. Application Contact Mailing Address... Organization/Firm: Indiantown Cogeneration, L.P. Street Address: P.O. Box 1799 City: Indiantown                      State: FL                      Zip Code: 34956	
3. Application Contact Telephone Numbers... Telephone: (772) 597-6500            ext.            Fax: (772) 597-6210	
4. Application Contact Email Address: NicholasLaryea@cogentrix.com	

### Application Processing Information (DEP Use)

1. Date of Receipt of Application:	10-20-05
2. Project Number(s):	0850102-008-AC
3. PSD Number (if applicable):	
4. Siting Number (if applicable):	

## APPLICATION INFORMATION

### Purpose of Application

**This application for air permit is submitted to obtain: (Check one)**

#### **Air Construction Permit**

Air construction permit.

#### **Air Operation Permit**

- Initial Title V air operation permit.
- Title V air operation permit revision.
- Title V air operation permit renewal.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is required.
- Initial federally enforceable state air operation permit (FESOP) where professional engineer (PE) certification is not required.

#### **Air Construction Permit and Revised/Renewal Title V Air Operation Permit (Concurrent Processing)**

- Air construction permit and Title V permit revision, incorporating the proposed project.
- Air construction permit and Title V permit renewal, incorporating the proposed project.

**Note: By checking one of the above two boxes, you, the applicant, are requesting concurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also check the following box:**

- I hereby request that the department waive the processing time requirements of the air construction permit to accommodate the processing time frames of the Title V air operation permit.

### Application Comment

Air construction permit for two (2) new auxiliary boilers fired with natural gas or propane to be located at the Indiantown Cogeneration Plant.

**APPLICATION INFORMATION**

**Scope of Application**

<b>Emissions Unit ID Number</b>	<b>Description of Emissions Unit</b>	<b>Air Permit Type</b>	<b>Air Permit Proc. Fee</b>
007	(2) Auxiliary Boilers	AC1D	

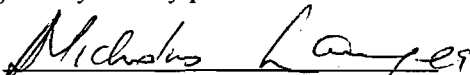
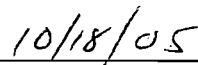
**Application Processing Fee**

**Check one:**  Attached - Amount: \$ \_\_\_\_\_  Not Applicable

## APPLICATION INFORMATION

### Owner/Authorized Representative Statement

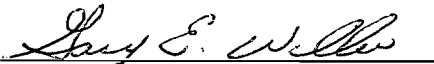
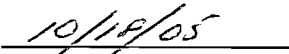
Complete if applying for an air construction permit or an initial FESOP.

1. Owner/Authorized Representative Name : Nicholas Laryea
2. Owner/Authorized Representative Mailing Address. Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 City: Indiantown State: FL Zip Code: 34956
3. Owner/Authorized Representative Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
4. Owner/Authorized Representative Email Address: NicholasLaryea@cogentrix.com
5. Owner/Authorized Representative Statement:  <i>I, the undersigned, am the owner or authorized representative of the facility addressed in this air permit application. 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 and all other requirements identified in this application to which the facility is subject. 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 the facility or any permitted emissions unit.</i>   Signature <span style="margin-left: 300px;"> Date</span>

## APPLICATION INFORMATION

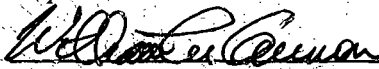
### Application Responsible Official Certification

Complete if applying for an initial/ revised/ renewal Title V permit or concurrent processing of an air construction permit and a revised/ renewal Title V permit. If there are multiple responsible officials, the "application responsible official" need not be the "primary responsible official."

1. Application Responsible Official Name: Gary Willer
2. Application Responsible Official Qualification (Check one or more of the following options, as applicable): <input type="checkbox"/> For a corporation, the president, secretary, treasurer, or vice-president of the corporation in charge of a principal business function, or any other person who performs similar policy or decision-making functions for the corporation, or a duly authorized representative of such person if the representative is responsible for the overall operation of one or more manufacturing, production, or operating facilities applying for or subject to a permit under Chapter 62-213, F.A.C. <input checked="" type="checkbox"/> For a partnership or sole proprietorship, a general partner or the proprietor, respectively. <input type="checkbox"/> For a municipality, county, state, federal, or other public agency, either a principal executive officer or ranking elected official. <input type="checkbox"/> The designated representative at an Acid Rain source.
3. Application Responsible Official Mailing Address... Organization/Firm: Indiantown Cogeneration, LP Street Address: P.O. Box 1799 City: Indiantown State: FL Zip Code: 34956
4. Application Responsible Official Telephone Numbers... Telephone: (772) 597-6500 ext. Fax: (772) 597-6210
5. Application Responsible Official Email Address: GrayWiller@cogentrix.com
6. Application Responsible Official Certification: <i>I, the undersigned, am a responsible official of the Title V source addressed in this air permit application. 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 and all other applicable requirements identified in this application to which the Title V source is subject. 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 the facility or any permitted emissions unit. Finally, I certify that the facility and each emissions unit are in compliance with all applicable requirements to which they are subject, except as identified in compliance plan(s) submitted with this application.</i>   Signature   Date

# APPLICATION INFORMATION

## Professional Engineer Certification

1.	Professional Engineer Name: William Cannon Registration Number: 53639
2.	Professional Engineer Mailing Address... Organization/Firm: Earth Tech, Inc. Street Address: 10 Patewood Drive, Building VI, Suite 500 City: Greenville State: SC Zip Code: 29615
3.	Professional Engineer Telephone Numbers... Telephone: (864) 234-3581 ext. Fax: (864) 234-3069
4.	Professional Engineer Email Address: bill.cannon@earthtech.com
5.	Professional Engineer Statement: <i>I, the undersigned, hereby certify, except as particularly noted herein*, that:</i> <i>(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</i> <i>(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.</i> <i>(3) If the purpose of this application is to obtain a Title V air operation permit (check here <input type="checkbox"/>, 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 plan and schedule is submitted with this application.</i> <i>(4) If the purpose of this application is to obtain an air construction permit (check here <input checked="" type="checkbox"/>, if so) or concurrently process and obtain an air construction permit and a Title V air operation permit revision or renewal for one or more proposed new or modified emissions units (check here <input type="checkbox"/>, 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.</i> <i>(5) If the purpose of this application is to obtain an initial air operation permit or operation permit revision or renewal for one or more newly constructed or modified emissions units (check here <input type="checkbox"/>, 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.</i>   Signature  10/3/05 Date

(seal) Earth Tech Certificate of Authorization No. 00008115

\* Attach any exception to certification statement.

## II. FACILITY INFORMATION

### A. GENERAL FACILITY INFORMATION

#### Facility Location and Type

1. Facility UTM Coordinates... Zone 17      East (km)      547.65 North (km)      2990.70		2. Facility Latitude/Longitude... Latitude (DD/MM/SS)      27/02/21 Longitude (DD/MM/SS)      80/30/53	
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code: 49	6. Facility SIC(s): 4911
7. Facility Comment : Electric Services			

#### Facility Contact

1. Facility Contact Name: Nicholas Laryea
2. Facility Contact Mailing Address... Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 City: Indiantown                      State: FL                      Zip Code: 34956
3. Facility Contact Telephone Numbers: Telephone: (772) 597-6500                      ext. Fax: (772) 597-6210
4. Facility Contact Email Address: NicholasLaryea@cogentrix.com

#### Facility Primary Responsible Official

**Complete if an "application responsible official" is identified in Section I. that is not the facility "primary responsible official."**

1. Facility Primary Responsible Official Name: Gary E. Willer
2. Facility Primary Responsible Official Mailing Address... Organization/Firm: Indiantown Cogeneration LP Street Address: P.O. Box 1799 City: Indiantown                      State: FL                      Zip Code: 34956
3. Facility Primary Responsible Official Telephone Numbers... Telephone: (772) 597-6500                      ext. Fax: (772) 597-6210
4. Facility Primary Responsible Official Email Address: GaryWiller@cogentrix.com



## FACILITY INFORMATION

### Facility Regulatory Classifications

Check all that would apply *following* completion of all projects and implementation of all other changes proposed in this application for air permit. Refer to instructions to distinguish between a “major source” and a “synthetic minor source.”

1. <input type="checkbox"/> Small Business Stationary Source	<input type="checkbox"/> Unknown
2. <input type="checkbox"/> Synthetic Non-Title V Source	
3. <input checked="" type="checkbox"/> Title V Source	
4. <input checked="" type="checkbox"/> Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)	
5. <input type="checkbox"/> Synthetic Minor Source of Air Pollutants, Other than HAPs	
6. <input checked="" type="checkbox"/> Major Source of Hazardous Air Pollutants (HAPs)	
7. <input type="checkbox"/> Synthetic Minor Source of HAPs	
8. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NSPS (40 CFR Part 60)	
9. <input type="checkbox"/> One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)	
10. <input checked="" type="checkbox"/> One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)	
11. <input type="checkbox"/> Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))	
12. Facility Regulatory Classifications Comment:	

# FACILITY INFORMATION

## List of Pollutants Emitted by Facility

1. Pollutant Emitted	2. Pollutant Classification	3. Emissions Cap [Y or N]?
CO: Carbon Monoxide	A	
NOX: Nitrogen Oxides	A	
PM: Particulate Matter - Total	A	
PM10: Particulate Matter –PM10	A	
SO2: Sulfur Dioxide	A	
VOC: Volatile Organic Compounds	A	

**FACILITY INFORMATION**

**B. EMISSIONS CAPS**

**Facility-Wide or Multi-Unit Emissions Caps Not Applicable**

1. Pollutant Subject to Emissions Cap	2. Facility Wide Cap [Y or N]? (all units)	3. Emissions Unit ID No.s Under Cap (if not all units)	4. Hourly Cap (lb/hr)	5. Annual Cap (ton/yr)	6. Basis for Emissions Cap

7. Facility-Wide or Multi-Unit Emissions Cap Comment:

## FACILITY INFORMATION

### C. FACILITY ADDITIONAL INFORMATION

#### Additional Requirements for All Applications, Except as Otherwise Stated

1. Facility Plot Plan: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment I</u> <input type="checkbox"/> Previously Submitted, Date: _____
2. Process Flow Diagram(s): (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment II</u> <input type="checkbox"/> Previously Submitted, Date: _____
3. Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought) <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment III</u> <input type="checkbox"/> Previously Submitted, Date: _____

#### Additional Requirements for Air Construction Permit Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (existing permitted facility)
2. Description of Proposed Construction or Modification: <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment III</u>
3. Rule Applicability Analysis: <input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment III</u>
4. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable (no exempt units at facility)
5. Fugitive Emissions Identification (Rule 62-212.400(2), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
6. Preconstruction Air Quality Monitoring and Analysis (Rule 62-212.400(5)(f), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Ambient Impact Analysis (Rule 62-212.400(5)(d), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. Air Quality Impact since 1977 (Rule 62-212.400(5)(h)5., F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
9. Additional Impact Analyses (Rules 62-212.400(5)(e)1. and 62-212.500(4)(e), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
10. Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.): <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

**FACILITY INFORMATION**

**Additional Requirements for FESOP Applications Not Applicable**

1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.):  
 Attached, Document ID: \_\_\_\_\_  Not Applicable (no exempt units at facility)

**Additional Requirements for Title V Air Operation Permit Applications Not Applicable**

1. List of Insignificant Activities (Required for initial/renewal applications only):  
 Attached, Document ID: \_\_\_\_\_  Not Applicable (revision application)

2. Identification of Applicable Requirements (Required for initial/renewal applications, and for revision applications if this information would be changed as a result of the revision being sought):  
 Attached, Document ID: \_\_\_\_\_  
 Not Applicable (revision application with no change in applicable requirements)

3. Compliance Report and Plan (Required for all initial/revision/renewal applications):  
 Attached, Document ID: \_\_\_\_\_  
 Note: A compliance plan must be submitted for each emissions unit that is not in compliance with all applicable requirements at the time of application and/or at any time during application processing. The department must be notified of any changes in compliance status during application processing.

4. List of Equipment/Activities Regulated under Title VI (If applicable, required for initial/renewal applications only):  
 Attached, Document ID: \_\_\_\_\_  
 Equipment/Activities On site but Not Required to be Individually Listed  
 Not Applicable

5. Verification of Risk Management Plan Submission to EPA (If applicable, required for initial/renewal applications only) :  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

6. Requested Changes to Current Title V Air Operation Permit:  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

**Additional Requirements Comment**

## EMISSIONS UNIT INFORMATION

Section [ 1] of [ 1]

### III. EMISSIONS UNIT INFORMATION

**Title V Air Operation Permit Application** - For Title V air operation permitting only, emissions units are classified as regulated, unregulated, or insignificant. If this is an application for Title V air operation permit, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each regulated and unregulated emissions unit addressed in this application for air permit. Some of the subsections comprising the Emissions Unit Information Section of the form are optional for unregulated emissions units. Each such subsection is appropriately marked. Insignificant emissions units are required to be listed at Section II, Subsection C.

**Air Construction Permit or FESOP Application** - For air construction permitting or federally enforceable state air operation permitting, emissions units are classified as either subject to air permitting or exempt from air permitting. The concept of an “unregulated emissions unit” does not apply. If this is an application for air construction permit or FESOP, a separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit subject to air permitting addressed in this application for air permit. Emissions units exempt from air permitting are required to be listed at Section II, Subsection C.

**Air Construction Permit and Revised/Renewal Title V Air Operation Permit Application** – Where this application is used to apply for both an air construction permit and a revised/renewal Title V air operation permit, each emissions unit is classified as either subject to air permitting or exempt from air permitting for air construction permitting purposes and as regulated, unregulated, or insignificant for Title V air operation permitting purposes. **The air construction permitting classification must be used to complete the Emissions Unit Information Section of this application for air permit.** A separate Emissions Unit Information Section (including subsections A through I as required) must be completed for each emissions unit subject to air permitting addressed in this application for air permit. Emissions units exempt from air construction permitting and insignificant emissions units are required to be listed at Section II, Subsection C.

If submitting the application form in hard copy, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application must be indicated in the space provided at the top of each page.

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**A. GENERAL EMISSIONS UNIT INFORMATION**

**Title V Air Operation Permit Emissions Unit Classification**

1. Regulated or Unregulated Emissions Unit? (Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip this item if applying for an air construction permit or FESOP only.)

The emissions unit addressed in this Emissions Unit Information Section is a regulated emissions unit.

The emissions unit addressed in this Emissions Unit Information Section is an unregulated emissions unit.

**Emissions Unit Description and Status**

1. Type of Emissions Unit Addressed in this Section: (Check one)

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).

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.

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. Description of Emissions Unit Addressed in this Section: (2) Auxiliary Boilers

3. Emissions Unit Identification Number: 007

4. Emissions Unit Status Code: C	5. Commence Construction Date:	6. Initial Startup Date:	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
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9. Package Unit:  
Manufacturer: Victory Energy Model Number: 23M

10. Generator Nameplate Rating: MW

11. Emissions Unit Comment:

Two (2) packaged watertube steam boilers with a combined maximum rated capacity of 350 MMBtu/hr when firing natural gas and 341 MMBtu/hr when firing propane. Each boiler will be operated for a maximum of 5,000 hours per year.

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**Emissions Unit Control Equipment**

1. Control Equipment/Method(s) Description:

NO<sub>x</sub> Control Equipment: Todd Combustion or Equivalent Low-NO<sub>x</sub> Burners and  
Flue Gas Recirculation

2. Control Device or Method Code(s): 205 and 026





**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**C. EMISSION POINT (STACK/VENT) INFORMATION  
(Optional for unregulated emissions units.)****Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram: 01		2. Emission Point Type Code: 1	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking: (2) Auxiliary Boilers vented to common stack (Point 01).			
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common: EU ID 007			
5. Discharge Type Code: V	6. Stack Height: 210 feet	7. Exit Diameter: 5 feet	
8. Exit Temperature: 551 °F	9. Actual Volumetric Flow Rate: 146,600 acfm @ 3% O <sub>2</sub>	10. Water Vapor: 18 %	
11. Maximum Dry Standard Flow Rate: 62,800 dscfm @ 3% O <sub>2</sub>		12. Nonstack Emission Point Height: feet	
13. Emission Point UTM Coordinates... Zone: 17 East (km): 547.65 North (km): 2990.70		14. Emission Point Latitude/Longitude... Latitude (DD/MM/SS) 27/02/21 Longitude (DD/MM/SS) 80/30/53	
15. Emission Point Comment:			

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**D. SEGMENT (PROCESS/FUEL) INFORMATION****Segment Description and Rate:** Segment 1 of 2

1. Segment Description (Process/Fuel Type): (2) Auxiliary Boilers/Natural Gas		
2. Source Classification Code (SCC): 10100601		3. SCC Units: Million Cubic Feet Natural Gas Burned
4. Maximum Hourly Rate: 0.37	5. Maximum Annual Rate: 1,840	6. Estimated Annual Activity Factor: 4%
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 950
10. Segment Comment: Each boiler limited to 5,000 hours per year firing natural gas and propane.		

**Segment Description and Rate:** Segment 2 of 2

1. Segment Description (Process/Fuel Type): (2) Auxiliary Boilers/Propane		
2. Source Classification Code (SCC): 10101002		3. SCC Units: Thousands Gallons Propane Burned
4. Maximum Hourly Rate: 3.9	5. Maximum Annual Rate: 18,800	6. Estimated Annual Activity Factor: <1%
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 90.5
10. Segment Comment: Each boiler limited to 5,000 hours per year firing natural gas and propane.		

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**E. EMISSIONS UNIT POLLUTANTS**

**List of Pollutants Emitted by Emissions Unit**

1. Pollutant Emitted	2. Primary Control Device Code	3. Secondary Control Device Code	4. Pollutant Regulatory Code
CO	024		EL
NOX	205	026	EL
PM	024		EL
PM10	024		EL
SO2			EL
VOC	024		EL

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –  
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS**

(Optional for unregulated emissions units.)

**Potential/Estimated Fugitive Emissions**

**Complete for each pollutant identified in Subsection E if applying for an air construction permit or concurrent processing of an air construction permit and a revised or renewal Title V permit. Complete for each emissions-limited pollutant identified in Subsection E if applying for an air operation permit.**

1. Pollutant Emitted: CO	2. Total Percent Efficiency of Control:	
3. Potential Emissions: 14.0 lb/hour                      35.0 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year		
6. Emission Factor: 0.040 lb/mmBtu  Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2
8. Calculation of Emissions: CO (Hourly) = (0.040 lb/mmBtu)(350 mmBtu/hr) = 14.0 lb/hr CO (Annual) = (14.0 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 35.0 ton/yr		
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.		

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**POLLUTANT DETAIL INFORMATION**

Page [ 2 ] of [ 6 ]

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –  
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS (CONTINUED)**

1. Pollutant Emitted: NOX		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 14.0 lb/hour                      35.0 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.040 lb/mmBtu  Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8. Calculation of Emissions: NOX (Hourly) = (0.040 lb/mmBtu)(350 mmBtu/hr) = 14.0 lb/hr NOX (Annual) = (14.00 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 35.0 ton/yr			
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.			

1. Pollutant Emitted: PM		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 1.4 lb/hour                      3.5 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.004 lb/mmBtu  Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8. Calculation of Emissions: PM (Hourly) = (0.004 lb/mmBtu)(350 mmBtu/hr) = 1.4 lb/hr PM (Annual) = (1.4 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 3.5 ton/yr			
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.			

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –  
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS (CONTINUED)**

1. Pollutant Emitted: PM10		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 1.4 lb/hour                      3.5 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.004 lb/mmBtu Reference: Manufacturer's Guarantee		7. Emissions Method Code: 2	
8. Calculation of Emissions: PM10 (Hourly) = (0.004 lb/mmBtu)(350 mmBtu/hr) = 1.4 lb/hr PM10 (Annual) = (1.4 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 3.5 ton/yr			
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.			

1. Pollutant Emitted: SO2		2. Total Percent Efficiency of Control:	
3. Potential Emissions: 0.21 lb/hour                      0.53 tons/year		4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year			
6. Emission Factor: 0.0006 lb/mmBtu Reference: AP-42 Emission Factor		7. Emissions Method Code: 3	
8. Calculation of Emissions: SO2 (Hourly) = (0.0006 lb/mmBtu)(350 mmBtu/hr) = 0.21 lb/hr SO2 (Annual) = (0.53 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 0.53 ton/yr			
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.			

**F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION –  
POTENTIAL/ESTIMATED FUGITIVE EMISSIONS (CONTINUED)**

1. Pollutant Emitted: VOC	2. Total Percent Efficiency of Control:
3. Potential Emissions: 0.70 lb/hour                      1.8 tons/year	4. Synthetically Limited? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
5. Range of Estimated Fugitive Emissions (as applicable): to tons/year	
6. Emission Factor: 0.002 lb/mmBtu  Reference: Manufacturer's Guarantee	7. Emissions Method Code: 2
8. Calculation of Emissions: VOC (Hourly) = (0.040 lb/mmBtu)(350 mmBtu/hr) = 0.70 lb/hr VOC (Annual) = (0.70 lb/hr)(5,000 hr/yr)/(2,000 lb/ton) = 1.8 ton/yr	
9. Pollutant Potential/Estimated Fugitive Emissions Comment: Each boiler limited to 5,000 hours per year firing natural gas or propane.	



**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions  1  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.04 lb/mmBtu	4. Equivalent Allowable Emissions: 14.0 lb/hour      35.0 tons/year
5. Method of Compliance: Initial performance test (40 CFR 60.46b). Continuous emission monitoring system (40 CFR 60.48b).	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

**Allowable Emissions** Allowable Emissions  2  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.04 lb/mmBtu	4. Equivalent Allowable Emissions: 14.0 lb/hour      35.0 tons/year
5. Method of Compliance: Initial compliance test only.	
6. Allowable Emissions Comment (Description of Operating Method): Initial performance test (40 CFR 63.7520). Continuous emission monitoring system (40 CFR 63.7525).	

**Allowable Emissions** Allowable Emissions  3  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.004 lb/mmBtu	4. Equivalent Allowable Emissions: 1.4 lb/hour      3.5 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

**F2. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION -  
ALLOWABLE EMISSIONS (CONTINUED)**

**Complete if the pollutant identified in Subsection F1 is or would be subject to a numerical emissions limitation.**

**Allowable Emissions** Allowable Emissions  4  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.004 lb/mmBtu	4. Equivalent Allowable Emissions: 1.4 lb/hour                      3.5 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

**Allowable Emissions** Allowable Emissions  5  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.0006 lb/mmBtu	4. Equivalent Allowable Emissions: 0.21 lb/hour                      0.53 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on AP-42 emission factor firing natural gas.	

**Allowable Emissions** Allowable Emissions  6  of  6

1. Basis for Allowable Emissions Code: OTHER	2. Future Effective Date of Allowable Emissions:
3. Allowable Emissions and Units: 0.002 lb/mmBtu	4. Equivalent Allowable Emissions: 0.70 lb/hour                      1.8 tons/year
5. Method of Compliance: Natural gas or propane firing only.	
6. Allowable Emissions Comment (Description of Operating Method): Emissions based on manufacturer's guarantee firing either natural gas or propane.	

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**G. VISIBLE EMISSIONS INFORMATION**

**Complete if this emissions unit is or would be subject to a unit-specific visible emissions limitation.**

**Visible Emissions Limitation:** Visible Emissions Limitation  1  of  1

1. Visible Emissions Subtype: VE20	2. Basis for Allowable Opacity: <input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
3. Allowable Opacity: Normal Conditions: 20 %      Exceptional Conditions: 27 % Maximum Period of Excess Opacity Allowed: 6 min/hour	
4. Method of Compliance: Natural gas or propane firing only.	
5. Visible Emissions Comment:	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION**

Complete if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor  1  of  6 

1. Parameter Code: CO2	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: California Analytica Model Number: ZRH-1 Serial Number: N5B-3530 T	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: Diluent monitor on each boiler as required under 40 CFR 60 Subpart Db.	

**Continuous Monitoring System:** Continuous Monitor  2  of  6 

1. Parameter Code: CO2	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: California Analytica Model Number: ZRH-1 Serial Number: N5B-3533 T	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: Diluent monitor on each boiler as required under 40 CFR 60 Subpart Db.	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION (CONTINUED)**

Complete if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 3 of 6

1. Parameter Code: NOX	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Thermo Electron Model Number: 42D Serial Number: 53563	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: NO <sub>x</sub> monitor on each boiler as required under 40 CFR 60 Subpart Db.	

**Continuous Monitoring System:** Continuous Monitor 4 of 6

1. Parameter Code: NOX	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: Thermo Electron Model Number: 42C Serial Number: 59970-325	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: NO <sub>x</sub> monitor on each boiler as required under 40 CFR 60 Subpart Db.	

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**H. CONTINUOUS MONITOR INFORMATION (CONTINUED)**

Complete if this emissions unit is or would be subject to continuous monitoring.

**Continuous Monitoring System:** Continuous Monitor 5 of 6

1. Parameter Code: CO	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: To be determined Model Number: TBD Serial Number: TBD	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: CO monitor on each boiler as required under 40 CFR 63 Subpart DDDDD.	

**Continuous Monitoring System:** Continuous Monitor 6 of 6

1. Parameter Code: CO	2. Pollutant(s):
3. CMS Requirement:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information... Manufacturer: To be determined Model Number: TBD Serial Number: TBD	
5. Installation Date:	6. Performance Specification Test Date:
7. Continuous Monitor Comment: CO monitor on each boiler as required under 40 CFR 63 Subpart DDDDD.	

**EMISSIONS UNIT INFORMATION**

Section [ 1] of [ 1]

**I. EMISSIONS UNIT ADDITIONAL INFORMATION**

**Additional Requirements for All Applications, Except as Otherwise Stated**

<p>1. Process Flow Diagram (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment II</u>    <input type="checkbox"/> Previously Submitted, Date _____</p>
<p>2. Fuel Analysis or Specification (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment III</u>    <input type="checkbox"/> Previously Submitted, Date _____</p>
<p>3. Detailed Description of Control Equipment (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment III</u>    <input type="checkbox"/> Previously Submitted, Date _____</p>
<p>4. Procedures for Startup and Shutdown (Required for all operation permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input type="checkbox"/> Attached, Document ID: _____    <input type="checkbox"/> Previously Submitted, Date _____</p> <p><input checked="" type="checkbox"/> Not Applicable (construction application)</p>
<p>5. Operation and Maintenance Plan (Required for all permit applications, except Title V air operation permit revision applications if this information was submitted to the department within the previous five years and would not be altered as a result of the revision being sought)</p> <p><input checked="" type="checkbox"/> Attached, Document ID: <u>Attachment IV</u>    <input type="checkbox"/> Previously Submitted, Date _____</p> <p><input type="checkbox"/> Not Applicable</p>
<p>6. Compliance Demonstration Reports/Records</p> <p><input type="checkbox"/> Attached, Document ID: _____</p> <p>    Test Date(s)/Pollutant(s) Tested: _____</p> <p>_____</p> <p><input type="checkbox"/> Previously Submitted, Date: _____</p> <p>    Test Date(s)/Pollutant(s) Tested: _____</p> <p>_____</p> <p><input type="checkbox"/> To be Submitted, Date (if known): _____</p> <p>    Test Date(s)/Pollutant(s) Tested: _____</p> <p>_____</p> <p><input type="checkbox"/> Not Applicable</p> <p>Note: For FESOP applications, all required compliance demonstration records/reports must be submitted at the time of application. For Title V air operation permit applications, all required compliance demonstration reports/records must be submitted at the time of application, or a compliance plan must be submitted at the time of application.</p>
<p>7. Other Information Required by Rule or Statute</p> <p><input type="checkbox"/> Attached, Document ID: _____    <input checked="" type="checkbox"/> Not Applicable</p>

**EMISSIONS UNIT INFORMATION**

Section [ 1 ] of [ 1 ]

**Additional Requirements for Air Construction Permit Applications**

1. Control Technology Review and Analysis (Rules 62-212.400(6) and 62-212.500(7), F.A.C.; 40 CFR 63.43(d) and (e)) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
2. Good Engineering Practice Stack Height Analysis (Rule 62-212.400(5)(h)6., F.A.C., and Rule 62-212.500(4)(f), F.A.C.) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
3. Description of Stack Sampling Facilities (Required for proposed new stack sampling facilities only) <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

**Additional Requirements for Title V Air Operation Permit Applications**

1. Identification of Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____
2. Compliance Assurance Monitoring <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
3. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
4. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
5. Acid Rain Part Application <input type="checkbox"/> Certificate of Representation (EPA Form No. 7610-1) <input type="checkbox"/> Copy Attached, Document ID: _____ <input type="checkbox"/> Acid Rain Part (Form No. 62-210.900(1)(a)) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Phase II NOx Averaging Plan (Form No. 62-210.900(1)(a)5.) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Previously Submitted, Date: _____ <input type="checkbox"/> Not Applicable



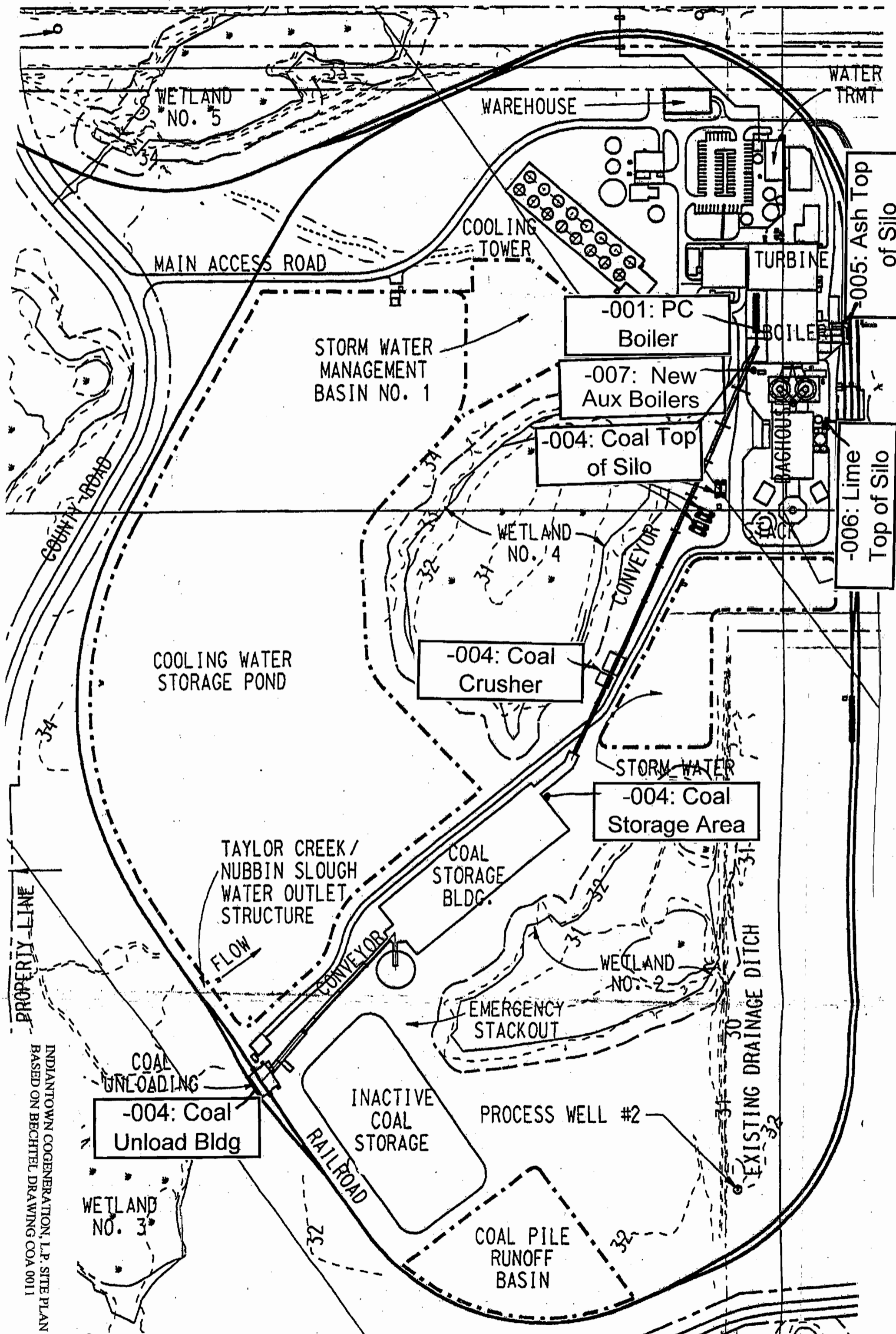
**EMISSIONS UNIT INFORMATION**

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**Additional Requirements Comment**

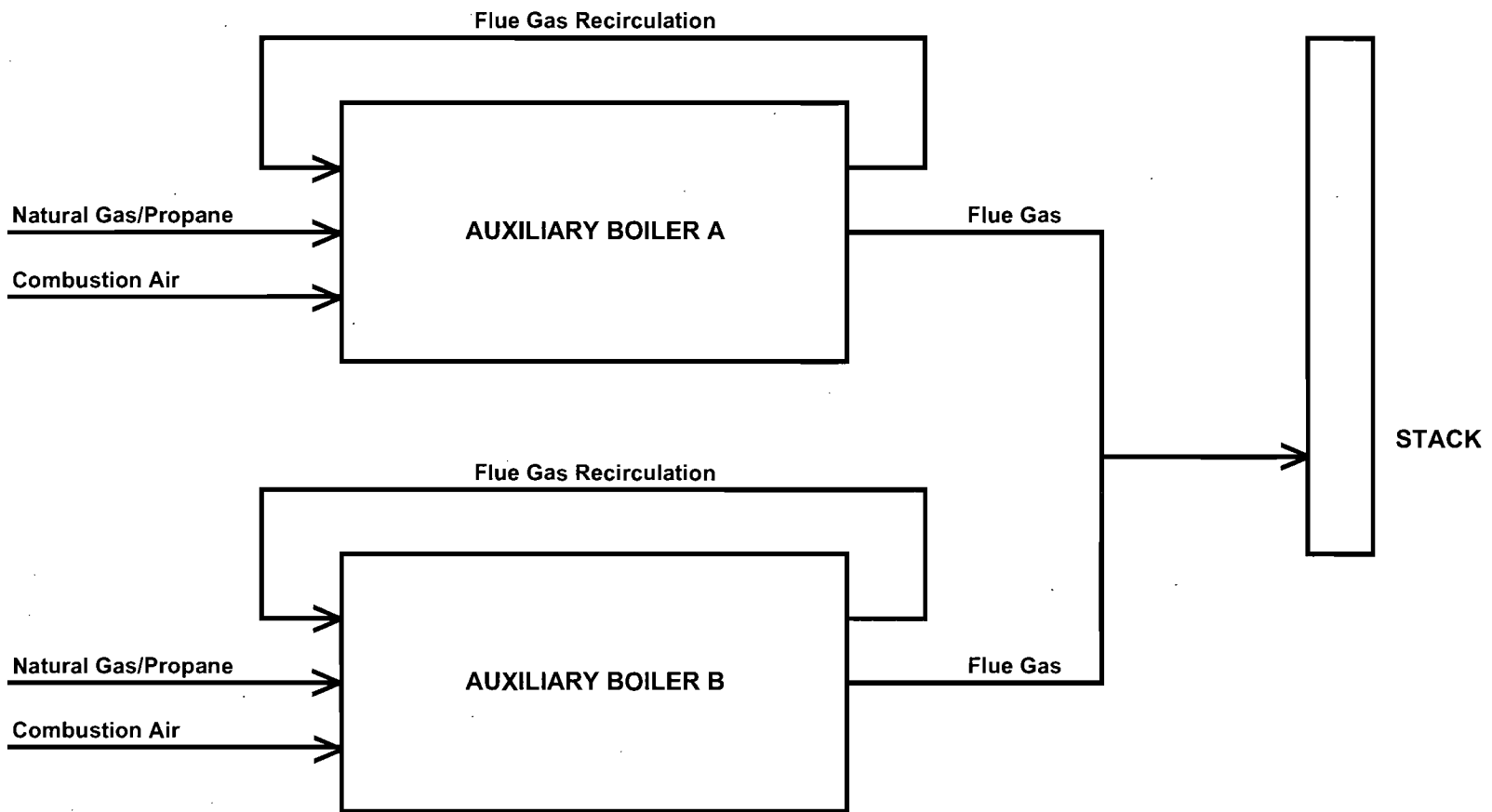
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**Attachment I**  
**Facility Plot Plan**



INDIANTOWN COGENERATION, L.P. SITE PLAN  
 BASED ON BECHTEL DRAWING COA 0011

**Attachment II**  
**Process Flow Diagram**



**Attachment III**  
**Project Description**

## Attachment III

### Project Description

#### Description of the Proposed Construction or Modification

Indiantown Cogeneration LP proposes to install two new auxiliary boilers (EU ID 007) to replace the two existing auxiliary boilers (EU ID 003) at the Indiantown Cogeneration Plant. The auxiliary boilers will be fired with either natural gas or propane and will have a combined maximum continuous rating of 350 MMBtu/hr when firing natural gas and 341 MMBtu/hr when firing propane. The boilers will be operated for no more than 5,000 hours per year.

#### Detailed Description of Control Equipment

The new auxiliary boilers will utilize no post-combustion air pollution control technology. Nitrogen oxide (NO<sub>x</sub>) emissions will be controlled by low-NO<sub>x</sub> burners and flue gas recirculation. Particulate matter (PM/PM<sub>10</sub>), sulfur dioxide (SO<sub>2</sub>), carbon monoxide (CO), and volatile organic compound (VOC) emissions will be controlled by furnace design clean burning fuels.

#### Precautions to Prevent Emissions of Unconfined Particulate Matter

The installation and operation of the two new auxiliary boilers will involve no activities or equipment that will result in the emissions of unconfined particulate matter.

#### List of Applicable Regulations

##### Federal Regulations

40 CFR 60.1	NSPS Applicability
40 CFR 60.7(a)	Notification and Recordkeeping
40 CFR 60.7(b)	Recordkeeping for Startup, Shutdown and Malfunction
40 CFR 60.7(f)	Recordkeeping Maintenance
40 CFR 60.7(g)	Notification to other Agencies
40 CFR 60.7(h)	Applicability
40 CFR 60.8	Performance Tests
40 CFR 60.9	Availability of Information
40 CFR 60.11	Compliance with Standards and Maintenance Requirements
40 CFR 60.40b	Applicability >100 MMBtu/hr
40 CFR 60.41b	Definitions
40 CFR 60.43b	Standard for Sulfur Dioxide
40 CFR 60.43b	Standard for Particulate Matter
40 CFR 60.44b	Standard for Nitrogen Oxides
40 CFR 60.45b	Performance Testing for Sulfur Dioxide
40 CFR 60.46b	Performance Testing for Particulate Matter and Nitrogen Oxides
40 CFR 60.47b	Emission Monitoring for Sulfur Dioxide
40 CFR 60.48b	Emission Monitoring for Particulate Matter and Nitrogen Oxides
40 CFR 60.49b	Reporting and Recordkeeping
40 CFR 63.7485	NESHAP Applicability >10 MMBtu/hr
40 CFR 63.7500	Standard for Carbon Monoxide

40 CFR 63.7520  
40 CFR 63.7525  
40 CFR 63.7545  
40 CFR 63.7550  
40 CFR 63.7555

Performance Testing for Carbon Monoxide  
Emission Monitoring for Carbon Monoxide  
Notification Requirements  
Reporting Requirements  
Recordkeeping Requirements

### State Regulations

F.A.C. 62-212.300  
F.A.C. 62-296.406

General Preconstruction Review  
Fossil Fuel Steam Generators with Less than 250 MMBtu/hr  
Heat Input

F.A.C. 62-296.406(1)  
F.A.C. 62-296.570 (4)(a)

Visible Emissions  
Reasonable Available Control Technology –  
Requirements for Major VOC & NO<sub>x</sub> emitting facilities

F.A.C. 62-296.702  
F.A.C. 62-204.800  
Rule F.A.C. 62-297.401  
Rule F.A.C. 62-297.520  
Rule F.A.C. 62-297.620

Fossil Fuel Steam Generators  
Standards of Performance for New Stationary Sources  
Compliance Test Methods (Emission Unit-Specific)  
EPA Performance Specifications  
Exceptions and Approval of Alternate Procedures and

F.A.C. 62-212.300  
F.A.C. 62-212.400  
F.A.C. 62-296.711

General Preconstruction Review  
Prevention of Significant Deterioration  
Material Handling, Sizing, Screening, Crushing and Grinding  
Operations

F.A.C. 62-297.401

Compliance Test Methods (Emission Unit-Specific)