Department of
Environmental Protection
Division of Air Resource Management

SUBMITTED APPLICATION REPORT
APPLICATION FOR AIR PERMIT - NON-TITLE V SOURCE

Application Number: 2711- 1
Application Name: INITIAL CONSTRUCTION PERMIT
Date Submitted: 04 November 2010

I. APPLICATION INFORMATION

Identification of Facility

1. Facility Owner/Company Name: SAFT AMERICA INC.	
2. Site Name: SAFT AMERICA INC.	
3. Facility Identification Number: ☐ Unknown	
4. Facility Location: Street Address or Other Locator: Industrial Park 13575 Waterworks Street City: JACKSONVILLE County: DUVAL Zip Code: 32221	
5. Relocatable Facility? ☐ Yes ☑ No	6. Existing Permitted Facility? ☐ Yes ☑ No

Application Contact

1. Application Contact Name: GEORGE WHITMER	Application Contact Job Title: Consultant
2. Application Contact Mailing Address: Organization/Firm: WHITMER ENVIRONMENTAL SERVICES, INC. Street Address: 11516-3 SAN JOSE BLVD. City: JACKSONVILLE State: FL Zip Code: 32223	
3. Application Contact Telephone Numbers: Telephone: (904) 268-8393 ext. Fax: (904) 268-8560	
Application Contact Email Address: george@whitmerenv.com	

Purpose of Application

Air Operation Permit Application

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

- ☐ Initial non-Title V air operation permit for one or more existing, but previously unpermitted, emissions units.
- ☐ Initial non-Title V air operation permit for one or more newly constructed or modified emissions units.

  Current construction permit number: NA
- ☑ Non-Title V air operation permit revision to address one or more newly constructed or modified emissions units.

  Current construction permit number: NA

  Operation permit number to be revised: NA
- ☐ Initial non-Title V air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

  Current operation/construction permit number(s):
- ☐ Non-Title V air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

  Operation permit number to be revised: NA

  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 Statement

1. Owner/Authorized Representative Name: PETER DENONCOURT	Owner/Authorized Representative Job Title: Program Manager

2. Owner/Authorized Representative Mailing Address:

Organization/Firm: SAFT BATTERIES
Street Address: 6196 LAKE GRAY BLVD SUITE 208
City: JACKSONVILLE State: FL Zip Code: 32244

3. Owner/Authorized Representative Telephone Numbers:

Telephone: (904) 861-1504 ext. Fax: (904) 772-1463

Owner/Authorized Representative Email Address: peter.denoncourt@saftbatteries.com

4. Owner/Authorized Representative Statement:

By entering my PIN below, I certify that I am the owner or authorized representative of the facility addressed in this 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. 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.

Professional Engineer Certification

1. Professional Engineer Name: STEPHEN ALEXANDER
   Registration Number: 38519

   Professional Engineer Job Title: PE Consultant

2. Professional Engineer Mailing Address:

   Organization/Firm: WHITMER ENVIRONMENTAL SERVICES, INC.
   Street Address: 11516-3 SAN JOSE BLVD
   City: JACKSONVILLE State: FL Zip Code: 32223

3. Professional Engineer Telephone Numbers:

   Telephone: (904) 268-8393 ext. Fax:

Professional Engineer Email Address: STEVEAIR57@YAHOO.COM

4. Professional Engineer Statement:

I 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 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 or renewal 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.

* Explain any exception to the certification statement.

Professional Engineer Exception Statement:

Scope of Application

Emissions Unit ID Number	Description of Emissions Unit	Permit Type
	EU-001 - NMP Recovery System	AC1F
	EU-002 - Drying Ovens	AC1E

Note: The fee calculation information associated with this application may be accessed from the Main Menu of ESPAP.

Construction/Modification Information

1. Description of Proposed Project or Alterations: Construct a new lithium ion battery manufacturing plant which will emit VOC
2. Projected or Actual Date of Commencement of Construction: 01-DEC-10
3. Projected Date of Completion of Construction: 01-APR-12

Application Comment

Phases 1 and 2.

II. FACILITY INFORMATION
A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates: Zone 17 East (km): 414.79 North (km): 3349.18			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS) 30º 16` 16" N Longitude (DD/MM/SS) 81º 53` 9" W			
3. Governmental Facility Code: (0) NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT	4. Facility Status Code: Construction	5. Facility Major Group SIC Code: (36) ELECTRONIC & OTHER ELECTRICAL EQUIPMENT & COMPONENTS	6. Facility SIC(s): Primary: 3691
7. Facility Comment:			

Facility Contact

1. Facility Contact Name: DAVID MCNEILL	Facility Contact Job Title: Process Engineering Manager
2. Facility Contact Mailing Address: Organization/Firm: SAFT AMERICA INC. Street Address: 6196 LAKE GRAY BLVD. SUITE 108 City: JACKSONVILLE State: FL Zip Code: 32244	
3. Facility Contact Telephone Numbers: Telephone: (904) 861-1502 ext. Fax: (904) 772-1463	
Facility Contact Email Address: david.mcneill@saftbatteries.com	

Facility Regulatory Classifications

Check all that apply:

1. ☐	Small Business Stationary Source? ☑ Unknown
2. ☐	Synthetic Non-Title V Source?
3. ☐	Synthetic Minor Source of Pollutants Other than HAPs?
4. ☐	Synthetic Minor Source of HAPs?
5. ☐	One or More Emissions Units Subject to NSPS?
6. ☐	One or More Emissions Units Subject to NESHAP Recordkeeping or Reporting?
12. Facility Regulatory Classifications Comment:	

Rule Applicability Analysis

Rule 62-4, FAC - Air Permitting; Rule 62-296.320(1)(a), FAC - VOC Emissions Control; Rule 62-296.320(2), FAC - Objectional Odor Prohibited; EPB Rule 2 - Air Pollution Control.

B. FACILITY POLLUTANTS

List of Pollutants Emitted

1. Pollutants Emitted	2. Pollutant Class.	3. Requested Emissions Cap		4. Basis for Emissions Cap	5. Pollutant Comment
		lb/hour	tons/year		
CO					
NOX					
PM					
PM10					
SO2					
VOC	B				

C. FACILITY SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Area Map Showing Facility Location ☑ Applicable ☐ Waiver Requested ☑ Attachment
2. Facility Plot Plan ☑ Applicable ☐ Waiver Requested ☑ Attachment
3. Process Flow Diagram(s) ☑ Applicable ☐ Waiver Requested ☑ Attachment
4. Precautions to Prevent Emissions of Unconfined Particulate Matter ☑ Applicable ☐ Waiver Requested ☑ Attachment
5. Supplemental Information for Construction Permit Application ☑ Applicable ☑ Attachment
6. Supplemental Information Comment:

Facility Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	Date Uploaded
Area Map Showing Facility Location	N/A	Area Map Showing Facility Location - Hard Copy	No	
Facility Plot Plan	N/A	Facility Plot Plan - Hard Copy	No	
Process Flow Diagram(s)	10D047.xls	Process Flow Diagram	Yes	10/19/2010
Precautions to Prevent Emissions of Unconfined Particulate Matter	PRECAUTIONS TO PREVENT UNCONFINED.doc	PRECAUTIONS TO PREVENT EMISSIONS OF UNCONFINED PARTICULATE MATTER	Yes	08/26/2010
Supplemental Information for Construction Permit Application	N/A	Process Flow Diagram w/Emissions Calculations - Hard Copy	No	
	10D059.doc	Insignificant Emissions Units	Yes	10/19/2010
	10d042.doc	Process Description	Yes	10/19/2010

III. EMISSIONS UNIT INFORMATION
A. GENERAL EMISSIONS UNIT INFORMATION

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:
EU-002 - Drying Ovens

3. Emissions Unit Identification Number: ☑ No ID
ID:

4. Emissions Unit Status Code:	5. Initial Startup Date:	6. Emissions Unit Major Group SIC Code:
C - Construction	01-APR-11	36

7. Emissions Unit Comment:

Emissions Unit Control Equipment

No Control Equipment information submitted.

Emissions Unit Details

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

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: 14.4 million Btu/hr
2. Maximum Incineration Rate: pounds/hr tons/day
3. Maximum Process or Throughput Rate:
4. Maximum Production Rate:
5. Requested Maximum Operating Schedule: 24 hours/day 7 days/week 52 weeks/year 8760 hours/year
6. Operating Capacity/Schedule Comment: 2.4 mmBTU/hr/burner x 3 burners/oven x 2 ovens in plant = 14.4 mmBTU/hr total

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: EU-002	2. Emission Point Type Code: 3 - A configuration of multiple emission points serving a single emissions unit	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code: (W) A VERTICAL STACK WITH A WEATHER CAP OR SIMILAR OBSTRUCTION IN THE EXHAUST STREAM	6. Stack Height: 45 feet	7. Exit Diameter: feet
8. Exit Temperature: 750º F	9. Actual Volumetric Flow Rate: 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: This EU has a series of stacks located approx. 3 ft above the roof line		

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type): Natural gas in process ovens		
2. Source Classification Code (SCC): 39000689	3. SCC Units: Million Cubic Feet Natural Gas Burned	
4. Maximum Hourly Rate: .014	5. Maximum Annual Rate: 123.65	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit: 1020
10. Segment Comment:		
Is this a valid segment? Yes		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: CO - Carbon Monoxide	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: .565 lb/hour 2.473 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: 40 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

Potential Emissions

1. Pollutant Emitted: NOX - Nitrogen Oxides	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: 1.327 lb/hour 5.813 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: 94 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

Potential Emissions

1. Pollutant Emitted: PM - Particulate Matter - Total	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: .107 lb/hour .47 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: 7.6 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

Potential Emissions

1. Pollutant Emitted: PM10 - Particulate Matter - PM10	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: .08 lb/hour .352 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: 5.7 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

Potential Emissions

1. Pollutant Emitted: SO2 - Sulfur Dioxide	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: .008 lb/hour .037 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: .6 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

Potential Emissions

1. Pollutant Emitted: VOC - Volatile Organic Compounds	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code:	4. Secondary Control Device Code:	5. Total Percent Efficiency of Control:
6. Potential Emissions: .078 lb/hour .34 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: 5.5 LB/MMCF BURNED Reference: AP-42	9. Emissions Method Code: (3B) CALCULATED USING EMISSION FACTOR FROM AP-42/FIRE SYSTEM OR OTHER PUBLISHED EMISSIONS CALCULATION SOURCE.	
10. Calculation of Emissions: Refer to attached emissions calculations		
11. Pollutant Potential Emissions Comment:		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

E. VISIBLE EMISSIONS INFORMATION

(Only Emissions Units Subject to a VE Limitation)

Visible Emissions Limitation: Visible Emissions Limitation 1 of 1

1. Visible Emissions Subtype: VE05 - VISIBLE EMISSIONS - 5% NORMAL OPACITY	2. Basis for Allowable Opacity: ☑ Rule ☐ Other
3. Allowable Opacity: Normal Conditions: 5% Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour	
4. Method of Compliance: EPA METHOD 9	
5. Visible Emissions Comment:	

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

No Continuous Monitoring information submitted.

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram ☐ Applicable ☐ Waiver Requested ☐ Attachment
2. Fuel Analysis or Specification ☐ Applicable ☐ Waiver Requested ☐ Attachment
3. Detailed Description of Control Equipment ☐ Applicable ☐ Waiver Requested ☐ Attachment
4. Description of Stack Sampling Facilities ☐ Applicable ☐ Waiver Requested ☐ Attachment
5. Compliance Test Report ☐ Applicable ☐ Previously Submitted, Date: ☐ Attachment
6. Procedures for Startup and Shutdown ☐ Applicable ☐ Waiver Requested ☐ Attachment
7. Operation and Maintenance Plan ☐ Applicable ☐ Waiver Requested ☐ Attachment
8. Supplemental Information for Construction Permit Application ☑ Applicable ☑ Attachment
9. Other Information Required by Rule or Statute ☐ Applicable ☐ Attachment
10. Supplemental Requirements Comment:

Emission Unit Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	Date Uploaded
Supplemental Information for Construction Permit Application	Saft NG.xls	Emissions Calculations	Yes	10/19/2010

III. EMISSIONS UNIT INFORMATION
A. GENERAL EMISSIONS UNIT INFORMATION

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:
EU-001 - NMP Recovery System

3. Emissions Unit Identification Number: ☑ No ID
ID:

4. Emissions Unit Status Code:	5. Initial Startup Date:	6. Emissions Unit Major Group SIC Code:
C - Construction	01-APR-11	36

7. Emissions Unit Comment:

Emissions Unit Control Equipment

Code	Equipment	Description
1	WET SCRUBBER HIGH EFFICIENCY (95.0-99.9%)	Megtec PS1005 Scrubber
132	CONDENSER	

Emissions Unit Details

1. Package Unit:
   Manufacturer: Model Number:

2. Generator Nameplate Rating: MW

3. Incinerator Information:
   Dwell Temperature: º F
   Dwell Time: seconds
   Incinerator Afterburner Temperature: º F

Emissions Unit Operating Capacity and Schedule

1. Maximum Heat Input Rate: million Btu/hr

2. Maximum Incineration Rate: pounds/hr
   tons/day

3. Maximum Process or Throughput Rate:

4. Maximum Production Rate: 2000 1000 CELLS/YEAR

5. Requested Maximum Operating Schedule:
   hours/day days/week
   weeks/year 8760 hours/year

6. Operating Capacity/Schedule Comment:
   Cells Produced: Phase 1: 1,000,000; Phase 2: 2,000,000; Phase 3: 3,000,000 (to be permitted at a later date)

B. EMISSION POINT (STACK/VENT) INFORMATION

Emission Point Description and Type

1. Identification of Point on Plot Plan or Flow Diagram: EU-001	2. Emission Point Type Code: 3 - A configuration of multiple emission points serving a single emissions unit	
3. Descriptions of Emission Points Comprising this Emissions Unit for VE Tracking:		
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:		
5. Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Height: 27 feet	7. Exit Diameter: feet
8. Exit Temperature: 50º F	9. Actual Volumetric Flow Rate: 4100 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:		

C. SEGMENT (PROCESS/FUEL) INFORMATION

Segment Description and Rate: Segment 1 of 1

1. Segment Description (Process/Fuel Type): Lithium ion cells manufacturing and assembly into batteries		
2. Source Classification Code (SCC): 30400512	3. SCC Units: 1000 Each Batteries Produced	
4. Maximum Hourly Rate:	5. Maximum Annual Rate: 2000	6. Estimated Annual Activity Factor:
7. Maximum % Sulfur:	8. Maximum % Ash:	9. Million Btu per SCC Unit:
10. Segment Comment: There is no segment listed for lithium ion battery manufacturing. Had to use lead battery mfg segment.		
Is this a valid segment? Yes		

D. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION

Potential Emissions

1. Pollutant Emitted: VOC - Volatile Organic Compounds	2. Pollutant Regulatory Code: EL	
3. Primary Control Device Code: 1 - WET SCRUBBER HIGH EFFICIENCY (95.0-99.9%)	4. Secondary Control Device Code: 132 - CONDENSER	5. Total Percent Efficiency of Control: 99
6. Potential Emissions: .5 lb/hour 2.2 tons/year	7. Synthetically Limited? ☐ Yes ☑ No	
8. Emission Factor: LB/HR Reference: NA-MATERIAL BALANCE	9. Emissions Method Code: (2) CALCULATED BY USE OF MATERIAL BALANCE AND KNOWLEDGE OF THE PROCESS.	
10. Calculation of Emissions: 0.5 lbs/hr x 24 hr/day = 12 lb/da. 12 lbs/da x 365 da/yr = 2.2 TPY each scrubber (a second scrubber will be permitted at a later date)		
11. Pollutant Potential Emissions Comment: Refer to attached condenser/scrubber diagram with emisssions calculations.		

Allowable Emissions

No Pollutant Allowable Emissions information submitted.

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

No Visible Emissions information submitted.

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

No Continuous Monitoring information submitted.

G. EMISSIONS UNIT SUPPLEMENTAL INFORMATION

Supplemental Requirements

1. Process Flow Diagram ☐ Applicable ☐ Waiver Requested ☐ Attachment
2. Fuel Analysis or Specification ☐ Applicable ☐ Waiver Requested ☐ Attachment
3. Detailed Description of Control Equipment ☐ Applicable ☐ Waiver Requested ☐ Attachment
4. Description of Stack Sampling Facilities ☐ Applicable ☐ Waiver Requested ☐ Attachment
5. Compliance Test Report ☐ Applicable ☐ Previously Submitted, Date: ☐ Attachment
6. Procedures for Startup and Shutdown ☐ Applicable ☐ Waiver Requested ☐ Attachment
7. Operation and Maintenance Plan ☐ Applicable ☐ Waiver Requested ☐ Attachment
8. Supplemental Information for Construction Permit Application ☐ Applicable ☐ Attachment
9. Other Information Required by Rule or Statute ☐ Applicable ☐ Attachment
10. Supplemental Requirements Comment: