age or or

Department of Environmental Protection Division of Air Resource Management

SUBMITTED APPLICATION REPORT APPLICATION FOR AIR PERMIT - LONG FORM

--- Form Effective 02/02/06 ---

Application Number: 1542-1

Application Name: RELIANT-OSCEOLA TITLE V RENEWAL

Date Submitted: 02 July 2007

I. APPLICATION INFORMATION

Air Construction Permit - Use this form to apply for any air construction permit at a facility operating under a federally enforceable state air operation permit (FESOP) or Title V air permit. Also 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
- Where the applicant proposes to establish, revise, or renew a plantwide applicability limit (PAL).

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 & 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: RELIANT ENERGY FLORIDA, LLC		
2.	Site Name: RELIANT ENERG	GY OSCEOLA	
3.	Facility Identification Number	: 0970071	
4.	Facility Location Street Address or Other Locator:	5000 feet south of the intersection of US 192 and US 441 5200 HOLOPAW ROAD	
	City: SAINT CLOUD	County: OSCEOLA Zip Code: 34773	
5.	Relocatable Facility? ☐ Yes ☑ No	6. Existing Title V Permitted Facility ☑ Yes □ No	

Application Contact

1.	Application Contact Name: JOSEPH ARAIZA	• •	Contact Job Title: uality Engineer
Application Contact Mailing Address Organization/Firm: AIR RESOURCES DIV. RELIANT ENERGY Street Address: P.O. BOX 148 City: HOUSTON State: TX Zip Code: 770		RGY Zip Code: 77001-0148	
3.	Application Contact Telephone Numbers Telephone: (713) 488-7167 ext.	Fax: (7	13) 488-7598

Purpose of Application

This application	for air i	nermit is	submitted	to obtain:	(Check one)
I III3 ADDIICAUUII	IUI AII I	DCI IIIII I3	JUDIIIIIII	to optain.	I CHUUN UHU)

i iiis aļ	opiication for air permit is submitted to obtain: (Check one)
Air C	onstruction Permit
Γ A	Air construction permit.
Γ A	Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL).
S	Air construction permit to establish, revise, or renew a plantwide applicability limit (PAL), and reparate air construction permit to authorize construction or modification of one or more emissions units covered by the PAL.
Air O	peration Permit
ГΙ	nitial Title V air operation permit.
Γ 1	Fitle V air operation permit revision.
	Fitle V air operation permit renewal.
	nitial federally enforceable state air operation permit (FESOP) where professional engineer (PE) ertification is required.
	nitial federally enforceable state air operation permit (FESOP) where professional engineer (PE) ertification is not required.
	onstruction Permit and Revised/Renewal Title V Air Operation Permit urrent 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.
N c	Note: By checking one of the above two boxes, you, the applicant, are requesting oncurrent processing pursuant to Rule 62-213.405, F.A.C. In such case, you must also heck the following box:
c	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.
Applica	ation_Comment
	ation for renewal of Initial Title V permit

Scope of Application

Emissions Unit ID Number		Air Permit Type
3	170 MW Simple Cycle Combustion Turbine	AV05
1	170 MW Simple Cycle Combustion Turbine	AV05
2	170 MW Simple Cycle Combustion Turbine	AV05
5	Pipeline natural gas heaters (2)	AV05

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

Owner/Authorized Representative Statement

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

1. Owner/Authorized Representative Name: Owner/Authorized Representative Job Title: TERRY GISH Managing Director, SE Operations

2. Owner/Authorized Representative Mailing Address...

Organization/Firm: RELIANT ENERGY INDIAN RIVER

Street Address: 7800 SOUTH US HWY 1

City: TITUSVILLE

State: FL

Zip Code: 32780

3. Owner/Authorized Representative Telephone Numbers...

Telephone: (321) 264-4584

ext.

Fax:

4. Owner/Authorized Representative Email Address: ADEESE@RELIANT.COM

5. Owner/Authorized Representative Statement:

<u>Appl</u>	icatio	on Responsible Official C	<u>'ertification</u>		
1.		lication Responsible Offic RRY GISH	ial Name:		
2.		lication Responsible Officicable):	ial Qualification	(Check one o	or more of the following options, as
	Γ	charge of a principal bus decision-making function person if the representati	iness function, on the corpor ve is responsible	or any other per ration, or a dul e for the overa	vice-president of the corporation in rson who performs similar policy or y authorized representative of such ll operation of one or more ving for or subject to a permit under
	Γ	For a partnership or sole	proprietorship,	a general partr	er or the proprietor, respectively.
	Γ	For a municipality, coun executive officer or rank			ic agency, either a principal
	Γ	The designated represent	ative at an Acid	Rain source.	}
3.	Org	lication Responsible Offic anization/Firm: RELIANT Street Address: 7800 SOU City: TITUSVII	ENERGY IND TH US HWY 1		Zip Code: 32780
4.	App	lication Responsible Offic	ial Telephone N	lumbers	
	Tele	ephone: (321)264-4584	ext.	Fax:	
5.	App	lication Responsible Offic	ial Email Addre	ss: ADEESE@	PRELIANT.COM
_		L'andian Danas de la Offic	ial Cartificantian		

- 6. Application Responsible Official Certification:
 - By entering my PIN below, I certify that I 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.

Professional Engineer Certification

Professional Engineer Job Title: Professional Engineer Name:

Senior Air Quality Engineer JOE ARAIZA

Registration Number: 62268

2. Professional Engineer Mailing Address...

Organization/Firm: RELIANT ENERGY

Street Address: P.O. BOX 148

City: HOUSTON

State: TX Zip Code: 77001-0148

Professional Engineer Telephone Numbers...

Telephone: (713) 488-7167

Fax:

Professional Engineer Email Address: JARAIZA@RELIANT.COM

5. 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.
- (3) If the purpose of this application is to obtain a Title V air operation permit (check here \overline{V} , 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.
- (4) If the purpose of this application is to obtain an air construction permit (check here \Box , 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 Γ , 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.
- (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 Γ , 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.

EPSA	P Su	bmitted	Ap	plication
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* Explain any exception to the certification statement.

Professional Engineer Exception Statement:

II. FACILITY INFORMATION A. GENERAL FACILITY INFORMATION

Facility Location and Type

1. Facility UTM Coordinates Zone 17 East (km) 490.43		2. Facility Latitude/Longitude Latitude (DD/MM/SS) 28° 7` 44" N	
N	orth (km) 3111.31	Longitude (DD/MM/S	S) 81° 5` 55" W
3. Governmental Facility Code: (0) NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR LOCAL GOVERNMENT	4. Facility Status Code: Active	5. Facility Major Group (49) ELECTRIC, GAS AND SANITARY SERVICES	6. Facility SIC(s): Primary: 4911
7. Facility Comment: ISSUED FINAL PERMIT 12-28-99			

Facility Contact

	nty Contact		
1.	Facility Contact Name:	Facility Contact	
	AMY DEESE	Environmental	l Engineer
2.	Facility Contact Mailing Address		
	Organization/Firm: RELIANT ENERO	GY FLORIDA, L.L.C	
	Street Address: 7800 US HIGHWAY 1, SOUTH		
	City: TITUSVILLE	State: FL	Zip 32780 Code: 32780
3.	Facility Contact Telephone Numbers		
	Telephone: (321) 267-2155 ext. Fax: (321) 385-4685	
4.	Facility Contact Email Address: adees	e@reliant.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: TERRY GISH	•	y Responsible Official Job Title: ctor, SE Operations
2.	Facility Primary Responsible Official Mailing A Organization/Firm: RELIANT ENERGY INDI Street Address: 7800 SOUTH US HWY 1		
:	City: TITUSVILLE	State: FL	Zip Code: 32780
3.	Facility Primary Responsible Official Telephor Telephone: (321) 264-4584 ext. Fax:	ne Numbers	
4.	Facility Primary Responsible Official Email Ac	ddress: ADEESE@	DRELIANT.COM

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.	Γ	Small Business Stationary Source Unknown
2.	Г	Synthetic Non-Title V Source
3.	V	Title V Source
4.	ⅳ	Major Source of Air Pollutants, Other than Hazardous Air Pollutants (HAPs)
5.	Г	Synthetic Minor Source of Air Pollutants, Other than HAPs
6.	Γ	Major Source of Hazardous Air Pollutants (HAPs)
7.	Γ	Synthetic Minor Source of HAPs
8.	<u>_</u>	One or More Emissions Units Subject to NSPS (40 CFR Part 60)
9.	Г	One or More Emissions Units Subject to Emission Guidelines (40 CFR Part 60)
10.	Γ	One or More Emissions Units Subject to NESHAP (40 CFR Part 61 or Part 63)
11.	Г	Title V Source Solely by EPA Designation (40 CFR 70.3(a)(5))
12.	The	ility Regulatory Classifications Comment: facility requests the designation of major source of HAPS be removed from its new Title V mit.

List of Pollutants Emitted by Facility

1. Pollutants Emitted	2. Pollutant Classification	Emissions Cap [Y or N]?
SO2	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
NOX	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	N
со	(A) ACTUAL OR POTENTIAL EMISSIONS ARE ABOVE THE APPLICABLE MAJOR SOURCE THRESHOLDS.	Y
PM10	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
РМ	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
VOC	(B) ACTUAL AND POTENTIAL EMISSIONS BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS	N
SAM	(C) CLASS IS UNKNOWN	N
PB	(C) CLASS IS UNKNOWN	N

B. Emissions Caps

Facility-Wide or Multi-Unit Emissions Caps

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
СО	No	1,2,3	70		OTHER
РВ	No	No EUs included in the cap			
PM	No	No EUs included in the cap			RULE
NOX	No	No EUs included in the cap			
SAM	No	No EUs included in the cap			
SO2	No	No EUs included in the cap			RULE
VOC	No	No EUs included in the cap			RULE
PM10	No	No EUs included in the cap			RULE

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

CO: PSD-F1-273; 70 lbs/hour for Oil and 36.2 lbs/hour for gas

PB: This pollutant needs to be removed form the regulated pollutant list for this facility.

PM: PSD-Fl-273; 18 lbs/hour for Gas and 34 lbs/hour for oil NOX: PSD-Fl-273; 60 lbs/hour for Gas and 323 lbs/hour for oil

SAM: This pollutant needs to be removed from the list of regulated pollutants for this facility.

SO2: PSD-FL-273; 1.1 lbs/hour on gas and 104.3 lbs/hour on oil VOC: PSD-Fl-273; 3.0 lbs/hour for Gas and 8.0 lbs/hour for oil PM10: PSD-Fl-273; 18 lbs/hour for Gas and 34 lbs/hour for oil

C. FACILITY ADDITIONAL INFORMATION

tional Requirements for All Applications, Except as Otherwise Stated		
revision applications if this information was submitted to the department wit years and would not be altered as a result of the revision being sought)	hin t	he previous five
☐ Applicable ☐ Previously Submitted, Date: 08-APR-04	<u> </u>	Attachment
permit revision applications if this information was submitted to the department previous five years and would not be altered as a result of the revision being	ent v soug	vithin the
applications, except Title V air operation permit revision applications if this	infor	mation was
☐ Applicable ☐ Previously Submitted, Date: 08-APR-04		Attachment
	C ''	
		·
		Attachment
Description of Proposed Construction, Modification, or Plantwide Applicable		t to the second
Applicable		Attachment
Rule Applicability Analysis: Applicable	Γ	Attachment
List of Exempt Emissions Units (Rule 62-210.300(3), F.A.C.): (Not applical at facility)	ole if	no exempt units
☐ Applicable	Γ	Attachment
Fugitive Emissions Identification:		
	<u></u>	Attachment
☐ Applicable	Γ	Attachment
Source Impact Analysis (Rule 62-212.400(5), F.A.C.):		
☐ Applicable		Attachment
Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.):		
□ Applicable		Attachment
Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.	4.C.)	:
☐ Applicable		Attachment
☐ Applicable	Γ	Attachment
	Facility Plot Plan: (Required for all permit applications, except Title V air or revision applications if this information was submitted to the department wit years and would not be altered as a result of the revision being sought) \[Applicable \text{Previously Submitted, Date: 08-APR-04} \] Process Flow Diagram(s): (Required for all permit applications, except Title permit revision applications if this information was submitted to the department previous five years and would not be altered as a result of the revision being \[Applicable \text{Previously Submitted, Date: 08-APR-04} \] Precautions to Prevent Emissions of Unconfined Particulate Matter: (Requirapplications, except Title V air operation permit revision applications if this submitted to the department within the previous five years and would not be the revision being sought) \[Applicable \text{Previously Submitted, Date: 08-APR-04} \] Itional Requirements for Air Construction Permit Applications Area Map Showing Facility Location: (Not applicable for existing permitted \(\preceq \) Applicable Description of Proposed Construction, Modification, or Plantwide Applicable Rule Applicable List of Exempt Emissions Units (Rule 62-210.300(3), F.A.C.): (Not applicable at facility) \[Applicable \] Fugitive Emissions Identification: \[Applicable \] Air Quality Analysis (Rule 62-212.400(7), F.A.C.): \[Applicable \] Source Impact Analysis (Rule 62-212.400(5), F.A.C.): \[Applicable \] Air Quality Impact since 1977 (Rule 62-212.400(4)(e), F.A.C.): \[Applicable \] Additional Impact Analyses (Rules 62-212.400(8) and 62-212.500(4)(e), F.A.C.): \[Applicable \] Alternative Analysis Requirement (Rule 62-212.500(4)(g), F.A.C.):	Facility Plot Plan: (Required for all permit applications, except Title V air operatrevision applications if this information was submitted to the department within tyears and would not be altered as a result of the revision being sought) Applicable Previously Submitted, Date: 08-APR-04 Process Flow Diagram(s): (Required for all permit applications, except Title V air permit revision applications if this information was submitted to the department y previous five years and would not be altered as a result of the revision being sought Applicable Previously Submitted, Date: 08-APR-04 Precautions to Prevent Emissions of Unconfined Particulate Matter: (Required for applications, except Title V air operation permit revision applications if this inforsubmitted to the department within the previous five years and would not be alter the revision being sought) Applicable Previously Submitted, Date: 08-APR-04 Fittional Requirements for Air Construction Permit Applications Area Map Showing Facility Location: (Not applicable for existing permitted facily Applicable Description of Proposed Construction, Modification, or Plantwide Applicability Applicable Rule Applicable Rule Applicable Rule Applicable Fugitive Emissions Units (Rule 62-210.300(3), F.A.C.): (Not applicable if at facility) Applicable Fugitive Emissions Identification: Applicable Fugi

Additional Requirements for FESOP Applications		
1. List of Exempt Emissions Units (Rule 62-210.300(3)(a) or (b)1., F.A.C.): (No exempt units at facility)	t ap	plicable if no
☐ Applicable	Γ	Attachment
Additional Requirements for Title V Air Operation Permit Applications		
1. List of Insignificant Activities: (Required for initial/renewal applications, but applications)	not	for revision
✓ Applicable	~	Attachment
2. Identification of Applicable Requirements (Required for initial/renewal application applications if this information would be changed as a result of the resought):	atic visi	ons, and for on being
✓ Applicable	~	Attachment
3. Compliance Report and Plan: (Required for all initial/revision/renewal application Note: A compliance plan must be submitted for each emissions unit that is no all applicable requirements at the time of application and/or at any time during processing. The department must be notified of any changes in compliance state application processing.	t in g ap	compliance with plication
Applicable	.	Attachment
4. List of Equipment/Activities Regulated under Title VI (If applicable, required applications only):	for	initial/renewal
☐ Applicable ☐ Equipment/Activities On site but Not Required to be Individually Listed	Γ	Attachment
5. Verification of Risk Management Plan Submission to EPA (If applicable, requinitial/renewal applications only):	uire	d for
□ Applicable □ Line Applicable	Γ	Attachment
6. Requested Changes to Current Title V Air Operation Permit:		
F Applicable	1	Attachment
Other Information Regarding this Facility:		
4. Other Facility Information:		
□ Included	Γ	Attachment
Additional Requirements Comment		

Facility Attachments

Supplemental Item	Electronic File Name	Attachment Description	Electronic Document	
List of Insignificant Activities	LIST OF INSIGNIFICAN ACTIVITIES.doc	LIST OF INSIGNIFICANT ACTIVITIES	Yes	07/02/2007
Identification of Applicable Requirements	INDENTIFICATION OF APPLICABLE REQUIREMENTS.doc	IDENTIFICATION OF APPLICABLE REGS	Yes	07/02/2007
Compliance Report and Plan	COMPLIANCE ASSURANCE MONITORING PLAN.doc	CAM PLAN	Yes	07/02/2007
Requested Changes to Current Title V Air Operation Permit	cover letter.pdf	Cover letter	Yes	07/02/2007

Emissions Unit Description and Status

HI. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	(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.

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: 170 MW Simple Cycle Combustion Turbine									
3.	. Emissions Unit Identification Number: 1									
4.	Emis	ssions	5.	Commence	6.	Initial	7.	Emissions Unit	8.	Acid Rain Unit?

5. Emissions Out Identification Number. 1						
4.	Emissions Unit Status Code:	5. Commence Construction Date:	6. Initial Startup Date: 15-OCT-01	7. Emissions Unit Major Group SIC Code: 49	8. Acid Rain Unit? 「Yes」 「No	
9.	9. Package Unit GENERAL ELECTRIC Model Number: PG7241(FA) Manufacturer:					
10.	10. Generator Nameplate Rating: 170 MW					
11.	Emissions U	Jnit Comment:				

Emissions Unit Control Equipment

ZJAKE BUDIO	to Chit Control Ed the Philotop	
Code	Equipment	Description
25	STAGED COMBUSTION	Low NOx Burner Technology While Burning Natural Gas
28	STEAM OR WATER INJECTION	Water Injection System While Burning Fuel Oil

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate:					
2.	Maximum Production Rate:					
3.	Maximum Heat Input Rate: 1709.2 million Btu/hr					
4.	Maximum Incineration Rate: pounds/hr tons/day					
5.	Requested Maximum Operating Sci	hedule:				
		24 hours/day 52 weeks/year	7 days/week 3000 hours/year			
6.	Operating Capacity/Schedule Comr Fuel Specific Maximum Heat Input MBtu/hr (LHV) Fuel Oil Firing @	Rates: Natural Gas Firing @ 19F				

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 2 Emission Point Type Code:

1.	Diagram: UNIT 1 STACK	t Plan or Flow		emission point serving a single nit		
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 Heigh 75 feet	t:	7. Exit Diameter: 18 feet		
8.	Exit Temperature: 1084° F	9. Actual Volu Rate: 2465928 acf		10. Water Vapor: 11.27 %		
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Er feet	mission Point Height:		
13.	Emission Point UTM Coordi Zone: 17 East (km) North (km)			oint Latitude/Longitude Latitude: 28° 8' 32" N Longitude: 81° 5' 23" W		
15.	5. Emission Point Comment: Parameters are at ambient conditions of 19deg F, 60% relative humidity, 100% load and 14.7psi pressure of NG.					

Segment Description and Rate: Segment Lof 2

D. SEGMENT (PROCESS/FUEL) INFORMATION

\sim 5.	Henr Description and Italei						
1.	Segment Description (Process/Fuel Type): While burning No. 2 distillate fuel oil.						
2.	Source Classification Code (20100101	SCC):	3. SCC Units: 1000 Gallons Distillate Oil (Diesel) Burned				
4.	Maximum Hourly Rate: 15.056	5. Maximum . 30111	Annual Rate:	6. Estimated Annual Activity Factor:			
7.	Maximum % Sulfur:	8. Maximum	% Ash:	9. Million Btu per SCC Unit: 129			
10.	 Segment Comment: Maximum hours of operation is 750 hours per year. Also, amount of fuel oil burned shall not exceed the amount of natural gas burned in term of BTU during any consecutive 12-month period. 						
	Is this a valid segment? Yes						

Segment Description and Rate: Segment 2 of 2 Segment Description (Process/Fuel Type): While burning natural gas. 2. Source Classification Code (SCC): SCC Units: 3. Million Cubic Feet Natural Gas Burned 20100201 **Estimated Annual Activity** 6. 4. Maximum Hourly Rate: 5. Maximum Annual Rate: Factor: 5411.84 1.804 Million Btu per SCC Unit: 7. Maximum % Sulfur: Maximum % Ash: 10. Segment Comment: Maximum operating hours is 3,000 hours per year. Fuel heat content is lower heating value(LHV). Is this a valid segment? Yes

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	Valid?
СО	STAGED COMBUSTION	STEAM OR WATER INJECTION	EL	Yes
NOX	STAGED COMBUSTION	STEAM OR WATER INJECTION	EL	Yes
PB			NS	No
PM			EL	Yes
PM10			EL	Yes
SAM			EL	No
SO2			EL	Yes
VOC			EL	Yes

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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 - Carbon Monoxide	2. Total P	erce	ent E	ffici	ency of Control:	
3.	Potential Emissions: 70 lb/hour t	ons/year	4.	Lin	nthet nited Yes		
5.	Range of Estimated Fugitive Emissions (as approximated to t	olicable): ons/year		-	_		
6.	Emission Factor: 20 PPMVD Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.	
8.a	. Baseline Actual Emissions (if required): tons/year	8.b. Baseli From:	ne 2	4-m	onth	Period: To:	
9.a	. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:	
3.	Allowable Emissions and Units: 20 PARTS PER MILLION DRY GAS VOLUME	4.	Equivalent Allowable En 70 lb/hour	nissions: 26.25 tons/year
5.	Method of Compliance: Stack Test			
6.	Allowable Emissions Comment (Description of FO burning.	of Op	perating Method):	

Allowable Emissions Allowable Emissions 2 of 2

AIIU	wable Emissions Allowable Emissions 2 o.							
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:					
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME	4.	Equivalent Allowable Emissions: 36.2 lb/hour 54.3 tons/year					
5.	Method of Compliance: Stack Test							
6.	Allowable Emissions Comment (Description of Operating Method): NG burning.							

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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: NOX - Nitrogen Oxides	2. Total P	erce	ent E	ffici	ency of Control:	
3.	Potential Emissions: 323 lb/hour to	ons/year	4.	Lin	ithet nited Yes		
5.	Range of Estimated Fugitive Emissions (as approximately to to	olicable): ons/year					
6.	Emission Factor: 42 PPMVD @ 15% O2 Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-mo	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto	ed N ears		torin	g Period: □ 10 years	
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 42 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Emissions: 323 lb/hour 121.12 tons/year
5.	Method of Compliance: Stack Test and CMS		
6.	Allowable Emissions Comment (Description of FO burning.	of Op	perating Method):

Allowable Emissions Allowable Emissions 2 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Emi 60 lb/hour	ssions: 90 tons/year			
5.							
6.	6. Allowable Emissions Comment (Description of Operating Method): NG burning. 9.0 ppmvd @15% O2 on initial stack test.						

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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: PB - Lead - Total (elemental lead and lead compounds)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour t	ons/year	4. Lin	nthetic nited? Yes		☑ No	
5.	Range of Estimated Fugitive Emissions (as app to t	olicable): ons/year					
6.	Emission Factor:			7. 1	Emiss	sions Method Code:	
	Reference:	_					
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-mo	onth P	eriod To		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Project ☐ 5 y	ed Moni ears	toring	Perio	od: 10 years	
10.	Calculation of Emissions:		. -				
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:						

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.

No Pollutant Allowable Emissions information submitted.

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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: PM - Particulate Matter - Total	2. Total P	erce	nt l	Effici	ency of	Control:
3.	Potential Emissions: 34 lb/hour t	ons/year	4.	Li	nthe mited Yes		₩ No
5.	Range of Estimated Fugitive Emissions (as app to t	olicable): ons/year					
6.	Emission Factor: 34 LB/HR Reference: PERMIT				7.	(0) EQUITALLO	ions Method Code: QUAL TO VALENT DWABLE SION/WORST- CALLOWABLE SION.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 24	4-n	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto	ed M ears		itorii	ng Perio	od: 10 years
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units:	4.	4. Equivalent Allowable Emissions:			
	34 POUNDS/HOUR		34 lb/hour	12.8 tons/year		
5.	Method of Compliance: VE shall serve as surrogate for compliance test	ting.				
6.	Allowable Emissions Comment (Description of Operating Method):					
	FO burning.					

<u>Allo</u>	wable Emissions Allowable Emissions 2 of 2	,	
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	Equivalent Allowable Emissions: 18 lb/hour 27 tons/year
5.	Method of Compliance: VE shall serve as surrogate for compliance test	ting.	<u></u>
6.	Allowable Emissions Comment (Description on NG burning.	f Op	perating Method):

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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: PM10 - Particulate Matter - PM10	2. Total P	erce	nt E	ffici	ency of	Control:
3.	Potential Emissions: 34 lb/hour t	ons/year	4.	Lin	thet nited Yes		₽ No
5.	Range of Estimated Fugitive Emissions (as app to t	olicable): ons/year		•			
6.	Emission Factor: 34 LB/HR Reference: PERMIT				7.	(0) EQUITALLO EMISS CASE	ions Method Code: QUAL TO VALENT DWABLE SION/WORST- ALLOWABLE SION.
8.a	. Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:		4-mc	onth	Period: To:	
9.a	. Projected Actual Emissions (if required): tons/year	9.b. Project			torir	ng Perio	od: 10 years
10.	Calculation of Emissions:						
11.	Pollutant Potential, Fugitive, and Actual Emissi TPY calculation based on firing 2250 hrs/yr fo			s/yr 1	for F	FO.	

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 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of A Emissions:	Allowable			
3.	Allowable Emissions and Units: 34 POUNDS/HOUR	4.	Equivalent Allowable En	nissions: 12.8 tons/year			
5.	Method of Compliance:	<u> </u>	34 10/110u1	12.0 tons/year			
VE shall serve as surrogate for compliance testing.							
6.	Allowable Emissions Comment (Description of Operating Method):						
	FO burning.						

Allowable Emissions Allowable Emissions 2 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	Equivalent Allowable Emissions: 18 lb/hour 27 tons/year				
5.	Method of Compliance: VE shall serve as surrogate for compliance testing.						
6.	Allowable Emissions Comment (Description on NG burning.	of Op	perating Method):				

F1. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION - POTENTIAL, FUGITIVE, AND ACTUAL EMISSIONS

(Optional for unregulated emissions units.)

Potential, Estimated Fugitive, and Baseline & Projected Actual 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: SAM - Sulfuric Acid Mist	2. Total P	ercent E	Efficiency	of Control:			
3.	Potential Emissions: lb/hour to	ons/year	4. Lir	nthetically nited? Yes	/ F No			
5.	Range of Estimated Fugitive Emissions (as approximated to to	olicable): ons/year						
6.	Emission Factor: .05 PERCENT SULFUR IN FUEL Reference: PERMIT				7. Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.			
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 24-m		od: o:			
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Project ☐ 5 y	ed Mon	itoring Pe	riod: - 10 years			
10.	Calculation of Emissions:							
11.	Pollutant Potential, Fugitive, and Actual Emissi TPY calculation based on firing 2250 hrs/yr fo			for FO.				

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	Al	lowab	le	Emissions	1	of 2
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1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:	
3.	Allowable Emissions and Units: OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissions: lb/hour to	ons/year
5.	Method of Compliance:			
6.	Allowable Emissions Comment (Description	of Op	perating Method):	

Allowable Emissions Allowable Emissions 2 of 2

ns/year

(Optional for unregulated emissions units.)

	utant Emitted: 2 - Sulfur Dioxide	2. Total P	'erce	ent E	ffici	ency of Control:
3. Pote	ntial Emissions: 104.3 lb/hour	tons/year	4.	Lin	nthet nited Yes	-
5. Ran	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year					
6.	Emission Factor: .05 PERCENT SULFUR IN FU eference: PERMIT	JEL			7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a. Base	eline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-ma	onth	Period: To:
9.a. Proj	ected Actual Emissions (if required): tons/year	9.b. Project	ed M /ears		torin	ng Period: □ 10 years
10. Calc	culation of Emissions:					
	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.					

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:		
3.	Allowable Emissions and Units: .05 PERCENT SULFUR IN FUEL	4.	Equivalent Allowable E 104.3 lb/hour	missions: 39.11 tons/year	
5.	Method of Compliance: Fuel Analysis				
6.	Allowable Emissions Comment (Description of FO burning.	of Op	perating Method):		

Allo	owable Emissions Allowable Emissions 2 of	J1 Z
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 2 OTHER (SPECIFY IN COMMENT)	4. Equivalent Allowable Emissions: 1.1 lb/hour 1.65 tons/year
5.	Method of Compliance: Fuel Analysis	
6.	Allowable Emissions Comment (Description NG burning. Unit: grains/100SCF of gas.	n of Operating Method):

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total Percent Efficiency of Control:				
3.	Potential Emissions: 8 lb/hour t	ons/year	4.	Lin	ithet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approximated to t	olicable): ons/year				
6.	Emission Factor: 8 LB/HR Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-m	onth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed N ears		torin	ig Period: □ 10 years
10.	Calculation of Emissions:					
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.					

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Emissions:		
3.	Allowable Emissions and Units: 3.7 OTHER (SPECIFY IN COMMENT)	4.			
5.	Method of Compliance: Initial Stack Test. CO will serve as surrogate, thereafter.				
6.	Allowable Emissions Comment (Description FO burning. Allowable unit is PPMVW.	of Op	perating Method):		

1.	Basis for Allowable Emissions 2 of (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 1.5 OTHER (SPECIFY IN COMMENT)	4. Equivalent Allowable Emissions: 3 lb/hour 4.5 tons/year			
5.	Method of Compliance: Initial Stack Test. CO will serve as surrogate,	thereafter.			
6.	Allowable Emissions Comment (Description of Operating Method): NG burning. Allowable unit is PPMVW.				

G. VISIBLE EMISSIONS INFORMATION

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

<u>V</u> isi	ble Emissions Limitation: Visible Emissions	Lin	nitation 1 of 1		
1.	Visible Emissions Subtype: VE10 - VISIBLE EMISSIONS - 10% NORMAL OPACITY	2.	Basis for Allow ✓ Rule	able Opacity: Cother	
3.	Allowable Opacity: Normal Conditions: 20% Excep Maximum Period of Excess Opacity Allowed:	otior	nal Conditions:	% min/hour	
4.	Method of Compliance: EPA METHOD 9		**		
5.	Visible Emissions Comment: Also serve as surrogate for PM/PM10 emission	ì.			

H. CONTINUOUS MONITOR INFORMATION

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

Continuous Monitoring System: Continuous Monitor 1 of 4

COII	tinuous Monitoring System: Continuous Mo	тис	01 1 01 7			
1.	Parameter Code: EM - EMISSION	2.	Pollutant(s): NOX			
3.	CMS Requirement:	~	Rule Γ Other			
4.	Monitor Information Manufacturer: Model Number:		Serial Number:			
5.	Installation Date:	6.				
7.	Continuous Monitor Comment: Required as a condition of 40 CFR 75.10, Subp	art	t B.			
	Status: Active					
Con	tinuous Monitoring System: Continuous Mo	nito	for 2 of 4			
l.	Parameter Code: WTF - Water-to-fuel ratio	2.				
3.	CMS Requirement:	Г	Rule			
4.	Monitor Information Manufacturer: Model Number:		Serial Number:			
5.	Installation Date:	6.	Performance Specification Test Date:			
7.	Continuous Monitor Comment: The NOX CEMS will be used to meet this requ	iirei	ement.			
	Status: Inactive					
						

Con	ntinuous Monitoring System: Continuous Mo	nite	or 3 of 4	
1.	Parameter Code: FLOW - Volumetric flow rate	2.	Pollutant(s):	
3.	CMS Requirement:	Γ	Rule	☐ Other
4.	Monitor Information Manufacturer: Model Number:		Serial Number:	
5.	Installation Date:	6.	Performance Specifi	cation Test Date:
7.	Continuous Monitor Comment: During fuel oil firing, a CM will be used to me	asu	re fuel flow.	
	Status: Active			
Con	ntinuous Monitoring System: Continuous Mo	nit	or 4 of 4	
1.	Parameter Code: O2 - Oxygen	2.	Pollutant(s):	
3.	CMS Requirement:	Г	Rule	□ Other
4.	Monitor Information Manufacturer: Model Number:		Serial Number:	
5.	Installation Date:	6.	Performance Specifi	cation Test Date:
7.	Continuous Monitor Comment: CM will be installed to measure either the O2 of	con	centration or the CO2 of	concentration.
	Status: Active			

I. EMISSIONS UNIT ADDITIONAL INFORMATION

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)

	revision applications if this information was submitted to the department with years and would not be altered as a result of the revision being sought) Applicable Previously Submitted, Date: 29-MAR-02		he previous five Attachment
2.	Fuel Analysis or Specification (Required for all permit applications, except T permit revision applications if this information was submitted to the department previous five years and would not be altered as a result of the revision being so Applicable Previously Submitted, Date: 29-MAR-02	itle ent v	V air operation within the
3.	Detailed Description of Control Equipment (Required for all permit application air operation permit revision applications if this information was submitted to within the previous five years and would not be altered as a result of the revision of the revi	the ion	department
4.	Procedures for Startup and Shutdown (Required for all operation permit appli V air operation permit revision applications if this information was submitted within the previous five years and would not be altered as a result of the revis Applicable Previously Submitted, Date: 29-MAR-02	to t ion	the department
5.	Operation and Maintenance Plan (Required for all permit applications, except permit revision applications if this information was submitted to the department previous five years and would not be altered as a result of the revision being so Applicable Previously Submitted, Date: 29-MAR-02	ent v soug	within the
6.	Compliance Demonstration Reports/Records Applicable Previously Submitted, Date: To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested: To be Submitted Test Date(s)/Pollutants Tested: Note: For FESOP applications, all required compliance demonstration record submitted at the time of application. For Title V air operation permit application compliance demonstration reports/records must be submitted at the time of application.	s/re	, all required
7.	Other Information Required by Rule or Statute Applicable	Г	Attachment

Additional Requirements for Title V Air Operation Permit Applications

1. Identificati	on of Applicabl	e Requirements		
□ Applica	ible			Attachment
2. Complianc	e Assurance Mo	onitoring Plan	•	
☐ Applies	ible		Г	Attachment
3. Alternative	Methods of Op	peration		
☐ Applie	ıble		Г	Attachment .
4. Alternative	Modes of Ope	ration (Emissions Trading)		
☐ Applica	ıble			Attachment
5. Acid Rain	Part Application	n		
Certifi	cate of Represe	ntation (EPA Form No. 7610-1)		
ΓAp	plicable [Previously Submitted, Date:	Γ	Attachment
Acid I	lain Part (Form	No. 62-210.900(1)(a))		
□Ar	plicable [Previously Submitted, Date:		Attachment
Repov	ering Extension	n Plan (Form No. 62-210.900(1)(a)1.)		
□ A _I	plicable [Previously Submitted, Date:	Г	Attachment
New U	Init Exemption	(Form No. 62-210.900(1)(a)2.)		
ГА	plicable [Previously Submitted, Date:		Attachment
Retire	d Unit Exempti	on (Form No. 62-210.900(1)(a)3.)		
ΓA	plicable [Previously Submitted, Date:	Γ	Attachment
Phase	II NOx Compli	ance Plan (Form No. 62-210.900(1)(a)4.)		
ΓA _I	plicable [Previously Submitted, Date:		Attachment
Phase	II NOx Averag	ing Plan (Form No. 62-210.900(1)(a)5.)		
F A _I	plicable	Previously Submitted, Date:	Γ	Attachment

<u>Adc</u>	ditional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) at CFR 63.43(d) and (e))	nd 62-212.500(7), F.A.C.; 40
	Γ Applicable	Attachment
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.400 212.500(4)(f), F.A.C.)	0(4)(d), F.A.C., and Rule 62-
	☐ Applicable	☐ Attachment
3.	Description of Stack Sampling Facilities (Required for proposed ne only)	w stack sampling facilities
	☐ Applicable	☐ Attachment
<u>O</u> th	ner_Information_Regarding this_Emissions_Unit	
1.	Other Emissions Unit Information	
	□ Applicable	☐ Attachment
 - -	Note: Provide any other information related to the emissions unit ac Information Section that is not elsewhere provided in the application that you, the applicant, believe may be helpful.	
Ądo	ditional Requirements Comment	

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

1.	(Check one, if applying for an initial, revised or renewal Title V air operation permit. Skip thi
	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 Descr	iption and	l Status

1.	Tur	pe of Emissions Unit Addressed in this Section: (Check one)
1.		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).
	Γ	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.
	Γ	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.	Des	scription of Emissions Unit Addressed in this Section:
	170	MW Simple Cycle Combustion Turbine

3.	Emissions U	Init	Identification Nu	mber:	2				
4.	Emissions Unit Status Code:	5.	Commence Construction Date:	6.	Initial Startup Date:	7.	Emissions Unit Major Group SIC Code:	8.	Acid Rain Unit? ✓ Yes

	A A	Date:	18-OCT-01	49	ΓNo	
9.	Package Unit	GENERAL ELECT	RIC M	Iodel Number:	PG7241(FA)	

Manufacturer: .

10. Generator Nameplate Rating: 170 MW

11. Emissions Unit Comment:

Emissions Unit Control Equipment

23111103131	ab_citte_controlse and an enter	
Code	Equipment	Description
25	STAGED COMBUSTION	Low NOx Burner Technology While Burning Natural Gas
28	STEAM OR WATER INJECTION	Water Injection System While Burning Fuel Oil

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput R	late:				
2.	Maximum Production Rate:					
3.	Maximum Heat Input Rate: 1709 million Btu/hr					
4.	Maximum Incineration Rate:	pounds/hr tons/day				
5.	Requested Maximum Operating Schedule:					
		24 hours/day	7 days/week			
		52 weeks/year	3000 hours/year			
6.	Operating Capacity/Schedule Comr	ment:				
	Fuel Specific Maximum Heat Input MBtu/hr (LHV) Fuel Oil Firing @					

C. EMISSION POINT (STACK/VENT) INFORMATION (Optional for unregulated emissions units.)

Emission	Point	Description	and	Type

1.	Identification of Point on Plo Diagram: UNIT 2 STACK	t Plan or Flow	2. Emission Point Type Code:1 - A single emission point serving a single emissions unit			
3.	Descriptions of Emission Poi	nts Comprising th	his Emissions Unit for VE Tracking:			
4.	ID Numbers or Descriptions	of Emission Units	with this Emission	on Point in Common:		
5.	Discharge Type Code: (V) A STACK WITH AN UNOBSTRUCTED OPENING DISCHARGING IN A VERTICAL/NEARLY VERTICAL DIRECTION	6. Stack Heigh 75 feet	t:	7. Exit Diameter: 18 feet		
8.	Exit Temperature: 1084° F	9. Actual Volu Rate: 2465928 acf		10. Water Vapor: 11.27 %		
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Emission Point Height: feet			
13.	3. Emission Point UTM Coordinates Zone: 17 East (km): 491.263 North (km): 3112.753		14. Emission Point Latitude/Longitude Latitude: 28° 8' 31" N Longitude: 81° 5' 24" W			
15.	Emission Point Comment: Parameters are at ambient copressure of NG.	nditions of 19deg	F, 60% relative h	umidity, 100% load and 14.7psi		

D. SEGMENT (PROCESS/FUEL) INFORMATION

Segi	ment Description and Rate:	Segment 1 of 2		
1.	Segment Description (Process While burning No. 2 distillate	• • •		
2.	Source Classification Code (S 20100101	SCC):	3. SCC Units: 1000 Gallon	s Distillate Oil (Diesel) Burned
4.	Maximum Hourly Rate: 15.056	5. Maximum A 30111	Annual Rate:	6. Estimated Annual Activity Factor:
7.	Maximum % Sulfur:	8. Maximum %	6 Ash:	9. Million Btu per SCC Unit: 129
10.	Segment Comment: Maximum hours of operation exceed the amount of natural			nt of fuel oil burned shall not any consecutive 12-month period.
	Is this a valid segment? Yes			
Segi	ment Description and Rate:	Segment 2 of 2		
1.	Segment Description (Proces	s/Fuel Type):		

Seg	ment Description and Rate:	Segment 2 of 2			
1.	Segment Description (Procest While burning natural gas.	ss/Fuel Type):			
2.	Source Classification Code (20100201	SCC):	3. SCC Units: Million Cub	oic Fe	eet Natural Gas Burned
4.	Maximum Hourly Rate:	5. Maximum A 5411.84	Annual Rate:	6.	Estimated Annual Activity Factor:
7.	Maximum % Sulfur:	8. Maximum %	% Ash:	9.	Million Btu per SCC Unit: 947
10.	Segment Comment: Maximum operating hours is	s 3,000 hours per y	vear. Fuel heat cor	ntent	is lower heating value(LHV).
	Is this a valid segment? Yes				

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	Valid?
CO			EL	Yes
NOX	STAGED COMBUSTION	STEAM OR WATER INJECTION	EL	Yes
PB			NS	No
PM			EL	Yes
PM10			EL	Yes
SAM			EL	No
SO2			EL	Yes
VOC			EL	Yes

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: CO - Carbon Monoxide	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: 70 lb/hour to	ons/year	4.	Lin	nthet nited Yes		
5.	Range of Estimated Fugitive Emissions (as approximated to to	licable): ons/year					
6.	Emission Factor: 20 PPMVD Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.	
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	1e 2	4-m	onth	Period: To:	
9.a.	. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	10. Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 20 PARTS PER MILLION DRY GAS VOLUME	4.	Equivalent Allowable Emissions: 70 lb/hour 26.25 tons/year				
5.	Method of Compliance: Stack Test						
6.	Allowable Emissions Comment (Description of FO burning.	f Op	perating Method):				

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2. Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME	4. Equivalent Allowable Emissions: 36.2 lb/hour 54.3 tons/year
5.	Method of Compliance: Stack Test	
6.	Allowable Emissions Comment (Description NG burning.	of Operating Method):

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total P	erce	nt E	ffici	ency of Control:	
3.	Potential Emissions: 323 lb/hour to	ons/year	4.	Lin	ithet iited Yes		
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year					
6.	Emission Factor: 42 PPMVD @ 15% O2 Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:					
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 42 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Er 323 lb/hour	nissions: 121.12 tons/year		
5.	Method of Compliance: Stack Test and CMS					
6.	Allowable Emissions Comment (Description of FO burning.	f Op	erating Method):	_		

Allowable Emissions 2 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Emissions: 60 lb/hour 110.25 tons/year				
5.	Method of Compliance: Stack Test and CMS						
6.	Allowable Emissions Comment (Description on NG burning, 9.0 ppmvd @15% O2 on initial st		_				

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PB - Lead - Total (elemental lead and lead compounds)	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: lb/hour te	ons/year	4.	Lim		-	₽ No
5.	Range of Estimated Fugitive Emissions (as approximated to to	olicable): ons/year					
6.	Emission Factor:				7.	Emiss	sions Method Code:
	Reference:						
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24	4-mo	nth	Period To	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:						

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

No Pollutant Allowable Emissions information submitted.

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PM - Particulate Matter - Total	2. Total P	erce	nt E	ffici	ency of Control:	
3.	Potential Emissions: 34 lb/hour to	ons/year	4.	Lin	ithet nited Yes	•	
5.	Range of Estimated Fugitive Emissions (as approximated to t	olicable): ons/year					
6.	Emission Factor: 34 LB/HR Reference: PERMIT				7.	Emissions Method (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORS CASE ALLOWAE EMISSION.	ST-
8.a.	. Baseline Actual Emissions (if required): tons/year	8.b. Baseline 24-month Period: From: To:					
9.a.	. Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units:	4.	Equivalent Allowable Emissions:				
	34 POUNDS/HOUR		34 lb/hour	12.75 tons/year			
5.	Method of Compliance:						
	VE shall serve as surrogate for compliance test	ting.					
6.	Allowable Emissions Comment (Description o	f Op	erating Method):				
	FO burning.						

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	. Equivalent Allowable Emissions: 18 lb/hour 27 tons/y			
5.	Method of Compliance: VE shall serve as surrogate for compliance test	ing.				
6.	Allowable Emissions Comment (Description of Operating Method): NG burning.					

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10	2. Total Percent Efficiency of Control:					
3.	Potential Emissions: 34 lb/hour to	ons/year	4.	Lim			
5.	Range of Estimated Fugitive Emissions (as app to to	llicable): ons/year					
6.	Emission Factor: 34 LB/HR Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24	Period: To:			
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years					
10.	Calculation of Emissions:						
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:					
3.	Allowable Emissions and Units:	4.	Equivalent Allowable Emissions:					
	34 POUNDS/HOUR	34 lb/hour 34 tons/y						
5.	Method of Compliance:							
	VE shall serve as surrogate for compliance test	ing.						
6.	Allowable Emissions Comment (Description o	f Op	erating Method):					
	FO burning.							

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	Equivalent Allowable Emissions: 18 lb/hour 27 tons/year			
5.	Method of Compliance: VE shall serve as surrogate for compliance testing.					
6.	Allowable Emissions Comment (Description o NG burning.	f Op	erating Method):			

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: SAM - Sulfuric Acid Mist	2. Total	Perce	ent	Effici	ency of	Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Li	nthet mited Yes		▽ No
5.	Range of Estimated Fugitive Emissions (as app to to	olicable): ons/year					
6.	Emission Factor: .05 PERCENT SULFUR IN FUEL Reference: PERMIT			7.	(0) EQ EQUIV ALLO EMISS	ons Method Code: UAL TO VALENT WABLE SION/WORST- ALLOWABLE SION.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Base From		4-n	onth	Period: To:	
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projec	eted N years		itorir	_	d: 10 years
10.	10. Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	2. Future Effective Date of Allowable Emissions:		
3.	Allowable Emissions and Units: OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissions: lb/hour	tons/year	
5.	Method of Compliance:				
6.	Allowable Emissions Comment (Description	of Op	perating Method):		

AHO	Howable Emissions Anowable Emissions 2 of 2						
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: PERCENT SULFUR IN FUEL	4.	Equivalent Allowable Emissions: lb/hour	tons/year			
5.	Method of Compliance:						
6.	Allowable Emissions Comment (Description o	f Op	erating Method):				

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2.	Total F	erce	nt E	ffici	ency of Control:
3.	Potential Emissions: 104.3 lb/hour to	ons/y	⁄ear	4.	Lin	ithet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approximated to t	olical ons/y					
6.	Emission Factor: .05 PERCENT SULFUR IN FU Reference: PERMIT	EL				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b.	Baseli From:		4-mo	onth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b.	•	ed M ears		torin	ng Period: □ 10 years
10.	10. Calculation of Emissions:						
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.						

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

Allowable Emissions Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Emissions:	Allowable
3.	Allowable Emissions and Units: .05 PERCENT SULFUR IN FUEL	4.	Equivalent Allowable E 104.3 lb/hour	missions: 39.11 tons/year
5.	Method of Compliance: Fuel Analysis			
6.	Allowable Emissions Comment (Description of FO burning.	f Op	erating Method):	

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 2 OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissions: 1.1 lb/hour 1.65 tons/year
5.	Method of Compliance: Fuel Analysis		
6.	Allowable Emissions Comment (Description NG burning. Unit:grains/100SCF of gas.	of Op	perating Method):

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total P	erce	nt E	ffici	iency of Control:
3.	Potential Emissions: 8 lb/hour to	ons/year	4.	Lin	nthet nited Yes	
5.	Range of Estimated Fugitive Emissions (as app to to	licable): ons/year				
6.	Emission Factor: 8 LB/HR Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24	4-mo	onth	Period: To:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecte			torin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.					

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allov Emissions:	wable		
3.	Allowable Emissions and Units: 3.7 OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissi 8 lb/hour	ons: 3 tons/year		
5.	Method of Compliance: Initial Stack Test. CO will serve as surrogate, thereafter.					
6.	Allowable Emissions Comment (Description of FO burning. Allowable unit is PPMVW.	f Op	erating Method):			

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 1.5 OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissions: 3 lb/hour 4.5 tons/year			
5.	Method of Compliance: Initial Stack Test. CO will serve as surrogate, thereafter.					
6.	Allowable Emissions Comment (Description NG burning. Allowable unit is PPMVW.	of Op	perating Method):			

G. VISIBLE EMISSIONS INFORMATION

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

<u>V</u> isi	Visible Emissions Limitation: Visible Emissions Limitation 1 of 1						
1.	Visible Emissions Subtype: VE10 - VISIBLE EMISSIONS - 10% NORMAL OPACITY	2. Basis for Allows ✓ Rule	able Opacity: Cother				
3.	3. Allowable Opacity: Normal Conditions: 20% Exceptional Conditions: % Maximum Period of Excess Opacity Allowed: min/hour						
4.	Method of Compliance: EPA METHOD 9						
5.	Visible Emissions Comment: Also serve as surrogate for PM/PM10 emission	1.					

H. CONTINUOUS MONITOR INFORMATION

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

Con	Continuous Monitoring System: Continuous Monitor 1 of 4					
1.	Parameter Code: EM - EMISSION	2.	Pollutant(s): NOX			
3.	CMS Requirement:	\sigma	Rule			
4.	Monitor Information Manufacturer: Model Number:		Serial Number:			
5.	Installation Date:	6.	Performance Specification Test Date:			
7.	Continuous Monitor Comment: Required as a condition of 40 CFR 75.10, Subp	art	t B.			
	Status: Active					
<u>Con</u>	ntinuous Monitoring System: Continuous Mo	nito	or 2 of 4			
1.	Parameter Code: WTF - Water-to-fuel ratio	2.	Pollutant(s):			
3.	CMS Requirement:	Γ	Rule			
4.	Monitor Information Manufacturer: Model Number:		Serial Number:			
5.	Installation Date:	6.	Performance Specification Test Date:			
7.	Continuous Monitor Comment: The NOX CEMS will be used to meet this requ	iirer	ment.			
	Status: Inactive					

inuous Monitoring System: Continuous Mo	пцс	13014 .	
Parameter Code:	2.	Pollutant(s)):
FLOW - Volumetric flow rate			
CMS Requirement:	Γ	Rule	∇ Other
Monitor Information			
Manufacturer:			
Model	Serial		
Number:	Number:		
Installation Date:	6.	Performano	ce Specification Test Date:
Continuous Monitor Comments			
	2011	a fuel flow	
	asui	c fuci flow.	
Status: Active			
Continuous Monitoring System: Continuous Monitor 4 of 4			
Parameter Code:	2.	Pollutant(s)):
O2 - Oxygen			
CMS Requirement:	ত	Rule	□ Other
Monitor Information			
Manufacturer:			
Model	Serial		
Number:	Number:		
Installation Date:	6.	Performanc	ce Specification Test Date:
Continuous Monitor Comment:			
CM will be installed to measure either the O2 concentration or the CO2 concentration.			
	Parameter Code: FLOW - Volumetric flow rate CMS Requirement: Monitor Information Manufacturer:	Parameter Code: FLOW - Volumetric flow rate CMS Requirement: Monitor Information Manufacturer: Model Number: Installation Date: Continuous Monitor Comment: During fuel oil firing, a CM will be used to measur Status: Active inuous Monitoring System: Continuous Monito Parameter Code: O2 - Oxygen CMS Requirement: Monitor Information Manufacturer: Model Number: Installation Date: 6. Continuous Monitor Comment:	Parameter Code: FLOW - Volumetric flow rate CMS Requirement: Monitor Information Manufacturer: Model Number: Installation Date: Continuous Monitor Comment: During fuel oil firing, a CM will be used to measure fuel flow. Status: Active inuous Monitoring System: Continuous Monitor 4 of 4 Parameter Code: O2 - Oxygen CMS Requirement: Model Number: Model Number: Installation Date: Continuous Monitor Comment: Model Number: Installation Date: Continuous Monitor Comment: Model Number: Installation Date: Continuous Monitor Comment:

I. EMISSIONS UNIT ADDITIONAL INFORMATION

Additional Requirements for All Applications, Except as Otherwise Stated

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) ☐ Applicable ☐ Previously Submitted, Date: 29-MAR-02 ☐ Attachment
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) \$\Gamma\$ Applicable \textstyle{\nabla}\$ Previously Submitted, Date: 29-MAR-02 \$\Gamma\$ Attachment
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) \[\Gamma \text{ Applicable} \text{ Previously Submitted, Date:} \text{ Attachment} \]
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) ☐ Applicable ☐ Previously Submitted, Date: 29-MAR-02 ☐ Attachment
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) Applicable Previously Submitted, Date: 29-MAR-02 Attachment
6.	Compliance Demonstration Reports/Records Applicable Previously Submitted, Date: Attachment To Be Submitted, Date (if known): Previously Submitted Test Date(s)/Pollutants Tested: To be Submitted Test Date(s)/Pollutants Tested: 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.
7.	Other Information Required by Rule or Statute Applicable Attachment

Additional_Requirements_for_Title_V_Air_Operation_Permit_Applications

1.	Identification of Applicable Requirements	
	☐ Applicable	☐ Attachment
2.	Compliance Assurance Monitoring Plan	
	☐ Applicable	☐ Attachment
3.	Alternative Methods of Operation	
	☐ Applicable	☐ Attachment
4.	Alternative Modes of Operation (Emissions Trading)	
	☐ Applicable	☐ Attachment
5.	Acid Rain Part Application	
	Certificate of Representation (EPA Form No. 7610-1)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Acid Rain Part (Form No. 62-210.900(1)(a))	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Repowering Extension Plan (Form No. 62-210.900(1)(a)1.)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	New Unit Exemption (Form No. 62-210.900(1)(a)2.)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Retired Unit Exemption (Form No. 62-210.900(1)(a)3.)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Phase II NOx Compliance Plan (Form No. 62-210.900(1)(a)4.)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment
	Phase II NOx Averaging Plan (Form No. 62-210.900(1)(a)5.)	
	☐ Applicable ☐ Previously Submitted, Date:	☐ Attachment

Add	ditional Requirements for Air Construction Permit Applications	
1.	Control Technology Review and Analysis (Rules 62-212.400(10) a CFR 63.43(d) and (e))	and 62-212.500(7), F.A.C.; 40
	☐ Applicable	☐ Attachment
2.	Good Engineering Practice Stack Height Analysis (Rule 62-212.40 212.500(4)(f), F.A.C.)	00(4)(d), F.A.C., and Rule 62-
	☐ Applicable	☐ Attachment
3.	Description of Stack Sampling Facilities (Required for proposed nonly)	ew stack sampling facilities
	☐ Applicable	☐ Attachment
<u>Oth</u>	er_Information_Regarding_this_Emissions_Unit	
1.	Other Emissions Unit Information	
	☐ Applicable	☐ Attachment
	Note: Provide any other information related to the emissions unit a Information Section that is not elsewhere provided in the application that you, the applicant, believe may be helpful.	
Add	litional Requirements Comment	

III. EMISSIONS UNIT INFORMATION A. GENERAL EMISSIONS UNIT INFORMATION

Title V Air Operation Permit Emissions Unit Classification

- (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.

E	missi	ions U	nit D	escrit	otion	and S	Status

<u>Emi</u>	<u>ssions_Unit_E</u>	<u>Description_and_Status</u>	, <u> </u>				
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.	-	of Emissions Unit Addingle Cycle Combustion		ion:			
3.	Emissions U	Init Identification Numb	per: 3				
4.	Emissions Unit Status Construction Code: A 5. Commence Construction Date: 6. Initial Startup Date: 7. Emissions Unit Major Group SIC Code: 5. Code: 7. Startup Date: 5. Code: 7. Sic Code: 7. No No Code: 7. Code:						
9.	Package Unit GENERAL ELECTRIC Model Number: PG7241(FA) Manufacturer:						
10.	Generator N	ameplate Rating: 170	MW				
11.	Emissions U	Init Comment:					

Emissions Unit Control Equipment

Code 25	Equipment STAGED COMBUSTION	Description Low NOx Burner Technology While Burning Natural Gas
28	STEAM OR WATER INJECTION	Water Injection System While Burning Fuel Oil

B. EMISSIONS UNIT CAPACITY INFORMATION

(Optional for unregulated emissions units.)

Emissions Unit Operating Capacity and Schedule

1.	Maximum Process or Throughput Rate:				
2.	Maximum Production Rate:				
3.	Maximum Heat Input Rate: 1709 million Btu/hr				
4.	Maximum Incineration Rate:	pounds/hr tons/day			
5.	Requested Maximum Operating Sc	hedule:			
		24 hours/day	7 days/week		
		52 weeks/year	3000 hours/year		
6.	Operating Capacity/Schedule Com	ment:			
	Fuel Specific Maximum Heat Input MBtu/hr (LHV) Fuel Oil Firing @				

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

1.	Identification of Point on Plo Diagram: UNIT 3 STACK	t Plan or Flow	l - A sin	2. Emission Point Type Code:1 - A single emission point serving a single emissions unit			
3.	Descriptions of Emission Poi	ints Comprising th	his 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: 75 feet		7. Exit Diameter: 18 feet			
8.	Exit Temperature: 1084° F	9. Actual Volu Rate: 2465928 act		10. Water Vapor: 11.27 %			
11.	Maximum Dry Standard Flow dscfm	v Rate:	12. Nonstack Emission Point Height: feet				
13.	3. Emission Point UTM Coordinates Zone: 17 East (km): 491.245 North (km): 3112.721		14. Emission Point Latitude/Longitude Latitude: 28° 8' 30" N Longitude: 81° 5' 24" W				
15.	Emission Point Comment: Parameters are at ambient conditions of 19deg F, 60% relative humidity, 100% load and 14.7psi pressure of NG.						

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

1.	Segment Description (Process/Fuel Type): While burning No. 2 distillate fuel oil.				
2.	Source Classification Code (20100101	(SCC): 3. SCC Units: 1000 Gallons Distillate Oil (Diesel) Burned			
4.	Maximum Hourly Rate: 15.056	5. Maximum A 30111	6. Estimated Annual Activity Factor:		
7.	Maximum % Sulfur:	8. Maximum % Ash:		9. Million Btu per SCC Unit: 129	
10.	0. Segment Comment: Maximum hours of operation is 750 hours per year. Also, amount of fuel oil burned shall not exceed the amount of natural gas burned in term of BTU during any consecutive 12-month period.				
	Is this a valid segment? Yes	··			

Segi	ment_Description_and_Rate:	Segment 2 of 2			
1.	Segment Description (Process/Fuel Type): While burning natural gas.				
2.	2. Source Classification Code (SCC): 20100201 3. SCC Units: Million Cubic Feet Natural Gas Burned				
4.	Maximum Hourly Rate:	5. Maximum Annual Rate: 5411.84		6. Estimated Annual Activity Factor:	
7.	Maximum % Sulfur:	8. Maximum %	6 Ash:	9. Million Btu per SCC Unit: 947	
10.	10. Segment Comment: Maximum operating hours is 3,000 hours per year. Fuel heat content is lower heating value(LHV).				
	Is this a valid segment? Yes		_		

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	Valid?
СО			EL	Yes
NOX	STAGED COMBUSTION	STEAM OR WATER INJECTION	EL	Yes
PB			NS	No
PM			EL	Yes
PM10			EL	Yes
SAM			EL	No
SO2			EL	Yes
VOC			EL	Yes

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: CO - Carbon Monoxide	2. Total Percent Efficiency of Control:				
3.	Potential Emissions: 70 lb/hour t	ons/year	4.	Lin	thet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approximated to t	olicable): ons/year				
6.	Emission Factor: 20 PPMVD Reference: PERMIT				7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24	1-mc	nth	Period: To:
9.a	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed M		orin	ng Period: □ 10 years
10.	Calculation of Emissions:					
11.	Pollutant Potential, Fugitive, and Actual Emissi TPY calculation based on firing 2250 hrs/yr for			/yr f	or F	· · · · · · · · · · · · · · · · · · ·

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:		
3.	Allowable Emissions and Units: 20 PARTS PER MILLION DRY GAS VOLUME	4.	Equivalent Allowable Emissions: 70 lb/hour 26.25 tons/year		
5.	Method of Compliance: Stack Test				
6.	Allowable Emissions Comment (Description of FO burning.	f Op	perating Method):		

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME	4.	Equivalent Allowable Emissions: 36.2 lb/hour 54.3 tons/yea			
5.	Method of Compliance: Stack Test					
6.	Allowable Emissions Comment (Description on NG burning.	f Op	erating Method):			

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: NOX - Nitrogen Oxides	2. Total P	erce	ent E	ffici	ency of (Control:	
3.	Potential Emissions: 323 lb/hour to	ons/year	4.	Lin	nthet nited Yes		IF No	
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year							
6.	Emission Factor: 42 PPMVD @ 15% O2 Reference: PERMIT				7.	(0) EQUIVALLOVEMISS	ons Method Code: UAL TO VALENT WABLE ION/WORST- ALLOWABLE ION.	
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	1e 24	4-m	onth	Period: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto			torin	_	l: 10 years	
10.	10. Calculation of Emissions:							
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.							

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 42 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Em 323 lb/hour	issions: 121.12 tons/year		
5.	Method of Compliance: Stack Test and CMS					
6.	Allowable Emissions Comment (Description of FO burning.	f Op	erating Method):			

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:		
3.	Allowable Emissions and Units: 10.5 PARTS PER MILLION DRY GAS VOLUME @ 15% O2	4.	Equivalent Allowable Emissions: 60 lb/hour 90 tons/year		
5.	Method of Compliance: Stack Test and CMS				
6.	Allowable Emissions Comment (Description of Operating Method): NG burning. 9.0 ppmvd @15% O2 on initial stack test.				

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PB - Lead - Total (elemental lead and lead compounds)	2. Total Percent Efficiency of Control:					į	
3.	Potential Emissions: lb/hour to	ons/year 4. Lin			ntheti nited Yes		▼ No	
5.	Range of Estimated Fugitive Emissions (as app	olicable):						
	to to	ons/year						
6.	Emission Factor:				7.	Emiss	ions Metho	od Code:
	Reference:							
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 2	4-m	onth l	Period To		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projected Monitoring Period: ☐ 5 years ☐ 10 years						
10.	10. Calculation of Emissions:							
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment:							

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

No Pollutant Allowable Emissions information submitted.

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PM - Particulate Matter - Total	2. Total P	ercent E	fficiency	of Control:			
3.	Potential Emissions: 34 lb/hour to	ons/year	4. Lin	nthetically nited? Yes	√ No			
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year							
6.	Emission Factor: 34 LB/HR Reference: PERMIT			(0) E EQU ALL EMI CAS	ssions Method Code: EQUAL TO JIVALENT OWABLE SSION/WORST- E ALLOWABLE SSION.			
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24-mo	onth Perio Te	į.			
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Moni ears	toring Per	iod: 10 years			
10.	10. Calculation of Emissions:							
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.							

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units:	4.	Equivalent Allowable Emissions:			
	34 POUNDS/HOUR		34 lb/hour	12.75 tons/year		
5.	Method of Compliance:					
	VE shall serve as surrogate for compliance testing.					
6.	Allowable Emissions Comment (Description of Operating Method):					
	FO burning.			_		

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	Equivalent Allowable Emissions: 18 lb/hour 27 tons/year			
5.	Method of Compliance: VE shall serve as surrogate for compliance testing.					
6.	Allowable Emissions Comment (Description o NG burning.	f Op	erating Method):			

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: PM10 - Particulate Matter - PM10	2. Total P	ercent E	Efficienc	ey of Control:		
3.	Potential Emissions: 34 lb/hour t	ons/year	4. Lir	nthetica nited? Yes	lly F No		
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year						
6.	Emission Factor: 34 LB/HR Reference: PERMIT			(0 E0 A E1 C.	missions Method Code:) EQUAL TO QUIVALENT LLOWABLE MISSION/WORST- ASE ALLOWABLE MISSION.		
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24-m	onth Pe	riod: To:		
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Projecto ☐ 5 y	ed Moni ears	toring I	Period: □ 10 years		
10.	Calculation of Emissions:						
11.	 Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO. 						

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:			
3.	Allowable Emissions and Units:	4.	Equivalent Allowable Emissions:			
	34 POUNDS/HOUR		34 lb/hour	12.75 tons/year		
5.	Method of Compliance: VE shall serve as surrogate for compliance test	ting.				
6.	Allowable Emissions Comment (Description of FO burning.	f Op	erating Method):			

AIII	wable Emissions Anowable Emissions 2 of 2	_					
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:				
3.	Allowable Emissions and Units: 18 POUNDS/HOUR	4.	. Equivalent Allowable Emissions: 18 lb/hour 27 tons/ye				
5.	Method of Compliance: VE shall serve as surrogate for compliance test	ing.					
6.	Allowable Emissions Comment (Description on NG burning.	f Op	erating Method):				

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: SAM - Sulfuric Acid Mist	2. Total P	erce	nt E	ffici	ency of Control:
3.	Potential Emissions: lb/hour to	ons/year	4.	Lin	nthet nited Yes	
5.	Range of Estimated Fugitive Emissions (as approximately to to	olicable): ons/year				
6.	Emission Factor: .05 PERCENT SULFUR IN FU Reference: PERMIT	Factor: .05 PERCENT SULFUR IN FUEL			7.	Emissions Method Code: (0) EQUAL TO EQUIVALENT ALLOWABLE EMISSION/WORST- CASE ALLOWABLE EMISSION.
8.a	. Baseline Actual Emissions (if required): tons/year	8.b. Baselii From:	ne 2	4-m	onth	Period: To:
9.a	. Projected Actual Emissions (if required): tons/year	9.b. Projected Monit 5 years			toring Period: 「 10 years	
10.	Calculation of Emissions:					
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.					

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

Allo	wable Emissions Allowable Emissions 1 of	2
1.	Basis for Allowable Emissions Code:	2. Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: OTHER (SPECIFY IN COMMENT)	4. Equivalent Allowable Emissions: lb/hour tons/year
5.	Method of Compliance:	
6.	Allowable Emissions Comment (Description	of Operating Method):

Allowable Emissions	Allowable Emissions 2 of 2
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1.	Basis for Allowable Emissions Code:	2.	Future Effective Date of Allowable Emissions:	
3.	Allowable Emissions and Units:	4.	Equivalent Allowable Emissions: lb/hour	tons/year
5.	Method of Compliance:			

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: SO2 - Sulfur Dioxide	2. Total P	ercen	t Efficiency of Control:	
3.	Potential Emissions: 104.3 lb/hour to	ons/year	^{4.}	Synthetically Limited? 「Yes ・	
5.	5. Range of Estimated Fugitive Emissions (as applicable): to tons/year				
6.	Emission Factor: .05 PERCENT SULFUR IN FU Reference: PERMIT	Factor: .05 PERCENT SULFUR IN FUEL			
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselir From:	ne 24-	month Period: To:	
9.a	Projected Actual Emissions (if required): tons/year	l	ed Mo ears	onitoring Period:	
10.	Calculation of Emissions:				
11.	11. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.				

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

Allowable Emissions 1 of 2

1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Emissions:	Allowable
3.	Allowable Emissions and Units: .05 PERCENT SULFUR IN FUEL	4.	Equivalent Allowable En 104.3 lb/hour	missions: 39.11 tons/year
5.	Method of Compliance: Fuel Analysis			
6.	Allowable Emissions Comment (Description of FO burning.	of Op	perating Method):	100000000000

Allo	owable Emissions Allowable Emissions 2 of	<u> </u>	
1.	Basis for Allowable Emissions Code: (RULE) required by rule specified in regulation	2.	Future Effective Date of Allowable Emissions:
3.	Allowable Emissions and Units: 2 OTHER (SPECIFY IN COMMENT)	4.	Equivalent Allowable Emissions: 1.1 lb/hour 1.65 tons/year
5.	Method of Compliance: Fuel Analysis		
6.	Allowable Emissions Comment (Description NG burning. Unit:grains/100SCF of gas.	of Op	erating Method):

(Optional for unregulated emissions units.)

1.	Pollutant Emitted: VOC - Volatile Organic Compounds	2. Total P	ercent E	fficiency	of Control:
3.	Potential Emissions: 8 lb/hour to	ons/year	4. Lin	nthetically nited? Yes	√ √ No
5.	Range of Estimated Fugitive Emissions (as applicable): to tons/year				
6.	Emission Factor: 8 LB/HR Reference: PERMIT			(0) I EQU ALI EMI CAS	ssions Method Code: EQUAL TO JIVALENT LOWABLE ISSION/WORST- SE ALLOWABLE ISSION.
8.a.	Baseline Actual Emissions (if required): tons/year	8.b. Baselin From:	ne 24-m		od: `o:
9.a.	Projected Actual Emissions (if required): tons/year	9.b. Project	ed Moni ears	toring Per	riod: 10 years
10.	Calculation of Emissions:				
11.	1. Pollutant Potential, Fugitive, and Actual Emissions Comment: TPY calculation based on firing 2250 hrs/yr for NG and 750 hrs/yr for FO.				

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

Allowable Emissions Allowable Emissions of 2	
1. Basis for Allowable Emissions Code:	
(RULE) required by rule specified in regulation	