

**DARABI  
AND  
ASSOCIATES, INC.**  
Environmental Consultants

Suite A · 730 North Waldo Road, Gainesville, Florida 32601 · Phone: 904/376-6533

October 6, 1997

Mr. Willard H. Hanks  
Department of Environmental Protection  
Division of Air Resource  
2600 Blair Stone Road  
Tallahassee, Florida 32399-2400

**RECEIVED**

OCT 07 1997

BUREAU OF  
AIR REGULATION

RE: Mulliniks Construction Co., Inc.  
Air Permit

Dear Mr. Hanks:

We are hereby submitting the application for three mobile crushers to be operated in various counties identified on Page 10 of the application.

We are sending a \$3,000.00 application fee to cover three separate crushers, any one of the crushers may operate in any county due to project scheduling and need.

Please feel free to call me should you have any questions or concerns.

Sincerely,

DARABI AND ASSOCIATES, INC.



Frank A. Darabi, P.E.  
President

FAD/lef[MULL.976]

Enclosure

xc: Billy Mulliniks

FOR SECURITY PURPOSES THIS DOCUMENT CONTAINS MICROPRINTING IN THE BORDER AND AN ANTI-FORGE WATERMARK ON THE REVERSE SIDE. HOLD AT AN ANGLE TO VIEW.

**MULLINIKS CONSTRUCTION COMPANY, INC.**  
P. O. BOX 390720 PH. 918-656-3204  
DUSTIN, OK 74839

EXPLANATION	AMOUNT
<i>Permit Application</i>	

86-115  
**995**

PAY AMOUNT OF Three thousand Dollars <sup>and no/100</sup> DOLLARS

CH:  
AMC

DATE	TO THE ORDER OF	DESCRIPTION	CHECK NUMBER
<i>Oct 11/97</i>	<i>Florida Department of Environmental Protection</i>		

\$ 3000

MULLINIKS CONSTRUCTION COMPANY, INC.

FIRST NATIONAL BANK  
HENRYETTA, OKLAHOMA 74437

*Bevy Mullen*

FOR SECURITY PURPOSES THIS DOCUMENT CONTAINS MICROPRINTING IN THE BORDER AND AN ANTI-FORGE WATERMARK ON THE REVERSE SIDE. HOLD AT AN ANGLE TO VIEW.

⑈000995⑈ ⑆103101152⑆ ⑆526495⑈

# Department of Environmental Protection

RECEIVED  
OCT 07 1997  
BUREAU OF  
AIR REGULATION

## DIVISION OF AIR RESOURCES MANAGEMENT APPLICATION FOR AIR PERMIT - LONG FORM

See Instructions for Form No. 62-210.900(1)

### I. APPLICATION INFORMATION

This section of the Application for Air Permit form identifies the facility and provides general information on the scope and purpose of this application. This section also includes information on the owner or authorized representative of the facility (or the responsible official in the case of a Title V source) and the necessary statements for the applicant and professional engineer, where required, to sign and date for formal submittal of the Application for Air Permit to the Department. If the application form is submitted to the Department using ELSA, this section of the Application for Air Permit must also be submitted in hard-copy.

#### Identification of Facility Addressed in This Application

Enter the name of the corporation, business, governmental entity, or individual that has ownership or control of the facility; the facility site name, if any; and the facility's physical location. If known, also enter the facility identification number.

1. Facility Owner/Company Name: Mulliniks Construction Company, Inc.

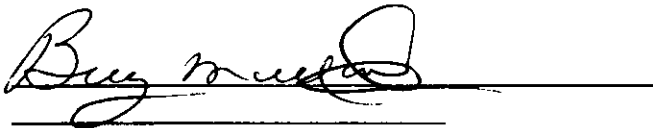
2. Site Name: Portable Crusher

3. Facility Identification Number:		[ x ] Unknown
4. Facility Location:		
Street Address or Other Locator: 5937 Soutel Drive		
City: Jacksonville	County: Duval	Zip Code: 33219
5. Relocatable Facility?		6. Existing Permitted Facility?
[ x ] Yes [ ] No		[ ] Yes [ x ] No

**Application Processing Information (DEP Use)**

1. Date of Receipt of Application:	October 7, 1997
2. Permit Number(s): (3)	7775038-002-AC
<del>3. PSD Number (if applicable):</del>	<del>7775037-002-AC</del>
<del>4. Siting Number (if applicable):</del>	<del>7775036-002-AC</del>

**Owner/Authorized Representative or Responsible Official**

1. Name and Title of Owner/Authorized Representative or Responsible Official: Billy Mulliniks, Jr., President
2. Owner/Authorized Representative or Responsible Official Mailing Address:  Organization/Firm: Mulliniks Construction Company, Inc. Street Address: 5937 Soutel Drive City: Jacksonville State: Florida Zip Code: 32219
3. Owner/Authorized Representative or Responsible Official Telephone Numbers: Telephone: ( 904 ) 764 - 3644 Fax: ( 904 ) 764 - 3976
4. Owner/Authorized Representative or Responsible Official Statement:  <i>I, the undersigned, am the owner or authorized representative* of the non-Title V source addressed in this Application for Air Permit or the responsible official, as defined in Rule 62-210.200, F.A.C., of the Title V source addressed in this application, whichever is applicable. I hereby certify, based on information and belief formed after reasonable inquiry, that the statements made in this application are true, accurate and complete and that, to the best of my knowledge, any estimates of emissions reported in this application are based upon reasonable techniques for calculating emissions. The air pollutant emissions units and air pollution control equipment described in this application will be operated and maintained so as to comply with all applicable standards for control of air pollutant emissions found in the statutes of the State of Florida and rules of the Department of Environmental Protection and revisions thereof. I understand that a permit, if granted by the Department, cannot be transferred without authorization from the Department, and I will promptly notify the Department upon sale or legal transfer of any permitted emissions unit.</i>   Signature Date 9-30-97

\* Attach letter of authorization if not currently on file.




**Purpose of Application and Category**

Check one (except as otherwise indicated):

**Category I: All Air Operation Permit Applications Subject to Processing Under Chapter 62-213, F.A.C.**

This Application for Air Permit is submitted to obtain:

- Initial air operation permit under Chapter 62-213, F.A.C., for an existing facility which is classified as a Title V source.
  
- Initial air operation permit under Chapter 62-213, F.A.C., for a facility which, upon start up of one or more newly constructed or modified emissions units addressed in this application, would become classified as a Title V source.

Current construction permit number:

\_\_\_\_\_

- Air operation permit renewal under Chapter 62-213, F.A.C., for a Title V source.

Operation permit to be renewed:

\_\_\_\_\_

- Air operation permit revision for a Title V source to address one or more newly constructed or modified emissions units addressed in this application.

Current construction permit number: \_\_\_\_\_

\_\_\_\_\_

Operation permit to be revised: \_\_\_\_\_

\_\_\_\_\_

- Air operation permit revision or administrative correction for a Title V source to address one or more proposed new or modified emissions units and to be processed concurrently with the air construction permit application. Also check Category III.

Operation permit to be revised/corrected: \_\_\_\_\_

\_\_\_\_\_



- [ ] Air operation permit revision for a Title V source for reasons other than construction or modification of an emissions unit. Give reason for the revision; e.g., to comply with a new applicable requirement or to request approval of an "Early Reductions" proposal.

Operation permit to be revised: \_\_\_\_\_

\_\_\_\_\_

Reason for revision:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Category II: All Air Operation Permit Applications Subject to Processing Under Rule 62-210.300(2)(b), F.A.C.**

This Application for Air Permit is submitted to obtain:

- [ ] Initial air operation permit under Rule 62-210.300(2)(b), F.A.C., for an existing facility seeking classification as a synthetic non-Title V source.

Current operation/construction permit number(s):

\_\_\_\_\_

- [ ] Renewal air operation permit under Rule 62-210.300(2)(b), F.A.C., for a synthetic non-Title V source.

Operation permit to be renewed:

\_\_\_\_\_

- [ ] Air operation permit revision for a synthetic non-Title V source. Give reason for revision; e.g., to address one or more newly constructed or modified emissions units.

Operation permit to be revised: \_\_\_\_\_

\_\_\_\_\_

Reason for revision:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

**Category III: All Air Construction Permit Applications for All Facilities and Emissions Units**

This Application for Air Permit is submitted to obtain:

- [ ] Air construction permit to construct or modify one or more emissions units within a facility (including any facility classified as a Title V source).

Current operation permit number(s), if any: \_

\_\_\_\_\_

- [ ] Air construction permit to make federally enforceable an assumed restriction on the potential emissions of one or more existing, permitted emissions units.

Current operation permit number(s): \_\_\_\_\_

\_\_\_\_\_

- [ ] Air construction permit for one or more existing, but unpermitted, emissions units.

**Application Processing Fee**

Check one:

[ X ] Attached - Amount: \$ 3 @ \$1,000 ea. = \$3000.00      [ ] Not Applicable.

**Construction/Modification Information**

<b>1. Description of Proposed Project or Alterations:</b>	This construction permit is to allow the assembling of 3 mobile crushing units and associated diesel drive units. The crushing units will be used to crush asphalt and concrete at construction sites. The units will be relocated to job sites within the following counties on an as needed basis: Baker, Clay, Columbia, Nassau, St. Johns, Marion, Osceola, Orange, Hillsborough,
<b>2. Projected or Actual Date of Commencement of Construction:</b>	Lee, Collier, Manatee, Charlotte, Polk, Highlands, Gadsden, Walton and any other counties that the Public Notice may cover. Also, Leon, Bay, Flagler, Seminole, Santa Rosa, Ocala, & Pasco counties.
<b>3. Projected Date of Completion of Construction:</b>	60 days of permit issuance

**Professional Engineer Certification**

<b>1. Professional Engineer Name:</b> Frank A. Darabi <b>Registration Number:</b> 20385
<b>2. Professional Engineer Mailing Address:</b>  <b>Organization/Firm:</b> Darabi and Associates, Inc. <b>Street Address:</b> 730 N. E. Waldo Road <b>City:</b> Gainesville <b>State:</b> Florida <b>Zip Code:</b> 32641
<b>3. Professional Engineer Telephone Numbers:</b> <b>Telephone:</b> ( 352 ) 377 - 6533 <b>Fax:</b> ( 352 ) 377 - 3166

4. Professional Engineer Statement:

*I, the undersigned, hereby certify, except as particularly noted herein\*, that:*

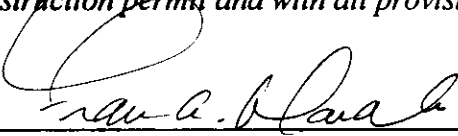
*(1) To the best of my knowledge, there is reasonable assurance that the air pollutant emissions unit(s) and the air pollution control equipment described in this Application for Air Permit, when properly operated and maintained, will comply with all applicable standards for control of air pollutant emissions found in the Florida Statutes and rules of the Department of Environmental Protection; and*

*(2) To the best of my knowledge, any emission estimates reported or relied on in this application are true, accurate, and complete and are either based upon reasonable techniques available for calculating emissions or, for emission estimates of hazardous air pollutants not regulated for an emissions unit addressed in this application, based solely upon the materials, information and calculations submitted with this application.*

*If the purpose of this application is to obtain a Title V source air operation permit (check here [ ] if so), I further certify that each emissions unit described in this Application for Air Permit, when properly operated and maintained, will comply with the applicable requirements identified in this application to which the unit is subject, except those emissions units for which a compliance schedule is submitted with this application.*

*If the purpose of this application is to obtain an air construction permit for one or more proposed new or modified emissions units (check here [ ] if so), I further certify that the engineering features of each such emissions unit described in this application have been designed or examined by me or individuals under my direct supervision and found to be in conformity with sound engineering principles applicable to the control of emissions of the air pollutants characterized in this application.*

*If the purpose of this application is to obtain an initial air operation permit or operation permit revision for one or more newly constructed or modified emissions units (check here [ ] if so), I further certify that, with the exception of any changes detailed as part of this application, each such emissions unit has been constructed or modified in substantial accordance with the information given in the corresponding application for air construction permit and with all provisions contained in such permit.*

  
\_\_\_\_\_  
Signature

10/6/97  
Date

\* Attach any exception to certification statement.

**Application Contact**

1. Name and Title of Application Contact: Billy Mulliniks, President			
2. Application Contact Mailing Address:			
Organization/Firm:	Mulliniks Construction Company, Inc.		
Street Address:	5937 Soutel Drive		
City:	Jacksonville	State:	Florida
		Zip Code:	32219
3. Application Contact Telephone Numbers:			
Telephone:	( 904 ) 764 - 3644	Fax:	( 904 ) 764 - 3976

**Application Comment**

--

## II. FACILITY INFORMATION

### A. GENERAL FACILITY INFORMATION

#### Facility Location and Type

1. Facility UTM Coordinates: Zone: _____ East (km): _____ North (km): _____			
2. Facility Latitude/Longitude: Latitude (DD/MM/SS): _____ Longitude (DD/MM/SS): _____ 30 23 04 81 41 26			
3. Governmental Facility Code: 0	4. Facility Status Code: A	5. Facility Major Group SIC Code:	6. Facility SIC(s):
7. Facility Comment (limit to 500 characters):  			

#### Facility Contact

1. Name and Title of Facility Contact: Billy Mulliniks, Jr.			
2. Facility Contact Mailing Address: Organization/Firm: Mulliniks Construction Company, Inc. Street Address: 5937 Soutel Drive City: Jacksonville State: Florida Zip Code: 32219			
3. Facility Contact Telephone Numbers: Telephone: ( 904 ) 764 - 3644 Fax: (904 ) 764 - 3976			



### **Facility Regulatory Classifications**

1. Small Business Stationary Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Unknown
2. Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Synthetic Non-Title V Source? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
4. Major Source of Pollutants Other than Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Synthetic Minor Source of Pollutants Other than HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
6. Major Source of Hazardous Air Pollutants (HAPs)? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
7. Synthetic Minor Source of HAPs? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
8. One or More Emissions Units Subject to NSPS? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
9. One or More Emission Units Subject to NESHAP? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
10. Title V Source by EPA Designation? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
11. Facility Regulatory Classifications Comment (limit to 200 characters): NSPS subpart 000 applies

## B. FACILITY REGULATIONS

**Rule Applicability Analysis** (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

Florida Administrative Code			
62-4	62-296	40 CFR60	subpart 000
62-210	62-297		




### C. FACILITY POLLUTANTS

#### Facility Pollutant Information

1. Pollutant Emitted	2. Pollutant Classification
PM	B


**D. FACILITY POLLUTANT DETAIL INFORMATION** N/A

**Facility Pollutant Detail Information:** Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

**Facility Pollutant Detail Information:** Pollutant \_\_\_\_\_ of \_\_\_\_\_

1. Pollutant Emitted:		
2. Requested Emissions Cap:	(lb/hour)	(tons/year)
3. Basis for Emissions Cap Code:		
4. Facility Pollutant Comment (limit to 400 characters):		

## E. FACILITY SUPPLEMENTAL INFORMATION

### Supplemental Requirements for All Applications

1. Area Map Showing Facility Location: <input type="checkbox"/> Attached, Document ID: <u>001</u> <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested Portable unit - no specific site
2. Facility Plot Plan: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
3. Process Flow Diagram(s): <input checked="" type="checkbox"/> Attached, Document ID: <u>001</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Precautions to Prevent Emissions of Unconfined Particulate Matter: <input checked="" type="checkbox"/> Attached, Document ID: <u>002</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Fugitive Emissions Identification: <input checked="" type="checkbox"/> Attached, Document ID: <u>Attach. 001</u> <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
6. Supplemental Information for Construction Permit Application: <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

### Additional Supplemental Requirements for Category I Applications Only N/A

7. List of Proposed Exempt Activities: <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
8. List of Equipment/Activities Regulated under Title VI:  <input type="checkbox"/> Attached, Document ID: _____  <input type="checkbox"/> Equipment/Activities On site but Not Required to be Individually Listed  <input type="checkbox"/> Not Applicable



9. Alternative Methods of Operation:  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

10. Alternative Modes of Operation (Emissions Trading):  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

11. Identification of Additional Applicable Requirements:  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

12. Compliance Assurance Monitoring Plan:  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

13. Risk Management Plan Verification:

Plan Submitted to Implementing Agency - Verification Attached,  
Document ID: \_\_\_\_\_

Plan to be Submitted to Implementing Agency by Required Date

Not Applicable

14. Compliance Report and Plan:  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

15. Compliance Certification (Hard-copy Required):  
 Attached, Document ID: \_\_\_\_\_  Not Applicable

### III. EMISSIONS UNIT INFORMATION

A separate Emissions Unit Information Section (including subsections A through L as required) must be completed for each emissions unit addressed in this Application for Air Permit. If submitting the application form in hard copy, indicate, in the space provided at the top of each page, the number of this Emissions Unit Information Section and the total number of Emissions Unit Information Sections submitted as part of this application. Some of the subsections comprising the Emissions Unit Information Section of the form are intended for regulated emissions units only. Others are intended for both regulated and unregulated emissions units. Each subsection is appropriately marked.

#### A. TYPE OF EMISSIONS UNIT (Regulated and Unregulated Emissions Units)

##### Type of Emissions Unit Addressed in This Section

1. Regulated or Unregulated Emissions Unit? Check one:

- 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.

2. Single Process, Group of Processes, or Fugitive Only? 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.

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**B. GENERAL EMISSIONS UNIT INFORMATION  
(Regulated and Unregulated Emissions Units)**

**Emissions Unit Description and Status**

1. Description of Emissions Unit Addressed in This Section (limit to 60 characters): <sup>Mobil</sup> Crushing unit		
2. Emissions Unit Identification Number: [ ] No Corresponding ID [ ] Unknown 01, 02		
3. Emissions Unit Status Code: A	4. Acid Rain Unit? [ ] Yes [x ] No	5. Emissions Unit Major Group SIC Code:
6. Emissions Unit Comment (limit to 500 characters): Plant: CP03, CP05 Primary Crusher, Screen, Conveyer, Conveyor Stockpile, Power Generation Unit		

**Emissions Unit Control Equipment**

A. N/A

1. Description (limit to 200 characters):
2. Control Device or Method Code:

B.

1. Description (limit to 200 characters):
2. Control Device or Method Code:

C.

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

C.

1. Description (limit to 200 characters):

2. Control Device or Method Code:

**C. EMISSIONS UNIT DETAIL INFORMATION  
(Regulated Emissions Units Only)**

**Emissions Unit Details**

1. Initial Startup Date: N/A		
2. Long-term Reserve Shutdown Date: N/A		
3. Package Unit: N/A		
Manufacturer:	Model Number:	
4. Generator Nameplate Rating: N/A	MW	
5. Incinerator Information:		
	Dwell Temperature:	°F
	Dwell Time:	seconds
	Incinerator Afterburner Temperature:	°F

**Emissions Unit Operating Capacity**

1. Maximum Heat Input Rate: N/A	2.115	mmBtu/hr
2. Maximum Incineration Rate: N/A	lb/hr	tons/day
3. Maximum Process or Throughput Rate: N/A		
4. Maximum Production Rate:		
5. Operating Capacity Comment (limit to 200 characters):		
15 gallons of diesel fuel oil x 0.141 mmBTU/gallon = 2.115 - CP03, CP05		
30 gallons of diesel fuel oil x 0.141 mmBTU/gallon = 4.23 - CP04		

**Emissions Unit Operating Schedule**

**Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_**

**Requested Maximum Operating Schedule:**

24 hours/day

7 days/week

52 weeks/year

2000 hours/year

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**D. EMISSIONS UNIT REGULATIONS  
(Regulated Emissions Units Only)**

**Rule Applicability Analysis** (Required for Category II applications and Category III applications involving non Title-V sources. See Instructions.)

62-4, 62-210, 62-296





**Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_**


Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**E. EMISSION POINT (STACK/VENT) INFORMATION  
(Regulated Emissions Units Only)**

**Emission Point Description and Type**

1. Identification of Point on Plot Plan or Flow Diagram:	
2. Emission Point Type Code: <input checked="" type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	
3. Descriptions of Emissions Points Comprising this Emissions Unit for VE Tracking (limit to 100 characters per point): N/A	
4. ID Numbers or Descriptions of Emission Units with this Emission Point in Common:	
5. Discharge Type Code: <input type="checkbox"/> D <input type="checkbox"/> F <input type="checkbox"/> H <input type="checkbox"/> P <input type="checkbox"/> R <input type="checkbox"/> V <input checked="" type="checkbox"/> W	
6. Stack Height: N/A	feet
7. Exit Diameter: N/A	feet
8. Exit Temperature:	210 °F
9. Actual Volumetric Flow Rate: N/A	acfm
10. Vapor :	Percent Water %

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

11. Standard Flow Rate: N/A	Maximum Dry dscfm
12. Nonstack Emission Point Height:	8 feet
13. UTM Coordinates: Zone:	Emission Point  East (km):                      North (km):
14.	Emission Point Comment (limit to 200 characters):

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**F. SEGMENT (PROCESS/FUEL) INFORMATION  
(Regulated and Unregulated Emissions Units)**

**Segment Description and Rate:** Segment \_\_\_\_\_ of \_\_\_\_\_.

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters): Internal Combustion Engine/Distillate Oil	
2. Source Classification Code (SCC): 2-02-001-02	
3. SCC Units: Thousands Gallons Burned	
4. Maximum Hourly Rate: .015	5. Maximum Annual Rate: 30
6. Estimated Annual Activity Factor: N/A	
7. Maximum Percent Sulfur: 0.5 - CP03, CP05 0.020 - CP04	8. Maximum Percent Ash: N/A
9. Million Btu per SCC Unit: 141	
10. Segment Comment (limit to 200 characters): 15 gallon/hr @ 2000 hrs/yr - CP03, CP05 20 gallon/hr @ 2000 hrs/yr - CP04	

**Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_**

**Segment Description and Rate: Segment \_\_\_\_\_ of \_\_\_\_\_**

1. Segment Description (Process/Fuel Type and Associated Operating Method/Mode) (limit to 500 characters):	
2. Source Classification Code (SCC):	
3. SCC Units:	
4. Maximum Hourly Rate:	5. Maximum Annual Rate:
6. Estimated Annual Activity Factor:	
7. Maximum Percent Sulfur:	8. Maximum Percent Ash:
9. Million Btu per SCC Unit:	
10. Segment Comment (limit to 200 characters):	



**Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_**


Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**H. EMISSIONS UNIT POLLUTANT DETAIL INFORMATION**  
**(Regulated Emissions Units Only - Emissions Limited Pollutants Only)**

**Pollutant Detail Information:**

1. Pollutant Emitted: NO <sub>x</sub>		
2. Total Percent Efficiency of Control: N/A	%	
3. Potential Emissions:	9.33 lb/hour - CP03, CP05 12.44 lb/ hour - CP04	tons/year
4. Synthetically Limited? <input type="checkbox"/> Yes <input type="checkbox"/> No		
5. Range of Estimated Fugitive/Other Emissions: <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input checked="" type="checkbox"/> 3      _____ to _____ tons/year		
6. Emission Factor: 4.41 lb/mmBTU Reference: AP-42, Table 3.3-2		
7. Emissions Method Code: <input type="checkbox"/> 0 <input type="checkbox"/> 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5		



Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

8. Calculation of Emissions (limit to 600 characters):

Hourly

$$15 \text{ gph} \times 0.141 \text{ mmBTU/gal} \times 4.41 \text{ lb/mmBTU} = 9.33$$

Annual

$$15 \text{ gph} \times 2000 \text{ hrs/yr} \times 0.141 \text{ BTU/gal} \times 4.41 \text{ lb/mmBTU} \div 2000 = 9.33 \text{ TPY} - \text{CP03, CP05}$$

$$20 \text{ gph} \times 2000 \text{ hrs/yr} \times 4.4 \text{ BTU/gal} \times 4.4 \text{ lb/mmBTU} \div 2000 = 12.44 \text{ TPY} - \text{CP04}$$

9. Pollutant Potential/Estimated Emissions Comment (limit to 200 characters):

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**Allowable Emissions** (Pollutant identified on front of page)

**A.**

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hour	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

**B.**

1. Basis for Allowable Emissions Code:		
2. Future Effective Date of Allowable Emissions:		
3. Requested Allowable Emissions and Units:		
4. Equivalent Allowable Emissions:	lb/hr	tons/year
5. Method of Compliance (limit to 60 characters):		
6. Pollutant Allowable Emissions Comment (Desc. of Related Operating Method/Mode) (limit to 200 characters):		

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**I. VISIBLE EMISSIONS INFORMATION  
(Regulated Emissions Units Only)**

**Visible Emissions Limitation:** Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype: NE20	
2. Basis for Allowable Opacity:	<input checked="" type="checkbox"/> Rule <input type="checkbox"/> Other 62-296.320 FAC
3. Requested Allowable Opacity:	
Normal Conditions:	20 %
Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:	min/hour
4. Method of Compliance:	
5. Visible Emissions Comment (limit to 200 characters):	

**Visible Emissions Limitation:** Visible Emissions Limitation \_\_\_\_\_ of \_\_\_\_\_

1. Visible Emissions Subtype:	
2. Basis for Allowable Opacity:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
3. Requested Allowable Opacity:	
Normal Conditions:	%
Exceptional Conditions:	%
Maximum Period of Excess Opacity Allowed:	min/hour
4. Method of Compliance:	
5. Visible Emissions Comment (limit to 200 characters):	

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**J. CONTINUOUS MONITOR INFORMATION**  
**(Regulated Emissions Units Only) N/A**

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**Continuous Monitoring System:** Continuous Monitor \_\_\_\_\_ of \_\_\_\_\_

1. Parameter Code:	2. Pollutant(s):
3. CMS Requirement:	<input type="checkbox"/> Rule <input type="checkbox"/> Other
4. Monitor Information: Manufacturer: Model Number:	Serial Number:
5. Installation Date:	
6. Performance Specification Test Date:	
7. Continuous Monitor Comment (limit to 200 characters):	

**K. PREVENTION OF SIGNIFICANT DETERIORATION (PSD) INCREMENT  
TRACKING INFORMATION  
(Regulated and Unregulated Emissions Units)**

**PSD Increment Consumption Determination**

**1. Increment Consuming for Particulate Matter or Sulfur Dioxide?**

If the emissions unit addressed in this section emits particulate matter or sulfur dioxide, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for particulate matter or sulfur dioxide. Check the first statement, if any, that applies and skip remaining statements.

[        ] The emissions unit is undergoing PSD review as part of this application, or has undergone PSD review previously, for particulate matter or sulfur dioxide. If so, emissions unit consumes increment.

[        ] The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after January 6, 1975. If so, baseline emissions are zero, and emissions unit consumes increment.

[        ] The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after January 6, 1975, but before December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

[    x    ] For any facility, the emissions unit began (or will begin) initial operation after December 27, 1977. If so, baseline emissions are zero, and emissions unit consumes increment.

[        ] None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

2. Increment Consuming for Nitrogen Dioxide?

If the emissions unit addressed in this section emits nitrogen oxides, answer the following series of questions to make a preliminary determination as to whether or not the emissions unit consumes PSD increment for nitrogen dioxide. Check first statement, if any, that applies and skip remaining statements.

- The emissions unit addressed in this section is undergoing PSD review as part of this application, or has undergone PSD review previously, for nitrogen dioxide. If so, emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source pursuant to paragraph (c) of the definition of "major source of air pollution" in Chapter 62-213, F.A.C., and the emissions unit addressed in this section commenced (or will commence) construction after February 8, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- The facility addressed in this application is classified as an EPA major source, and the emissions unit began initial operation after February 8, 1988, but before March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- For any facility, the emissions unit began (or will begin) initial operation after March 28, 1988. If so, baseline emissions are zero, and emissions unit consumes increment.
- None of the above apply. If so, the baseline emissions of the emissions unit are nonzero. In such case, additional analysis, beyond the scope of this application, is needed to determine whether changes in emissions have occurred (or will occur) after the baseline date that may consume or expand increment.

3. Increment Consuming/Expanding Code:						
PM	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	E	<input type="checkbox"/>	Unknown
SO2	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	E	<input type="checkbox"/>	Unknown
NO2	<input checked="" type="checkbox"/>	C	<input type="checkbox"/>	E	<input type="checkbox"/>	Unknown

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

4. Baseline Emissions:		
PM	0 lb/hour	0 tons/year
SO2	0 lb/hour	0 tons/year
NO2		0 tons/year
5. PSD Comment (limit to 200 characters):		



Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**L. EMISSIONS UNIT SUPPLEMENTAL INFORMATION**  
**(Regulated Emissions Units Only)**

**Supplemental Requirements for All Applications**

1. Process Flow Diagram <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
2. Fuel Analysis or Specification <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested WILL BE SUBMITTED WITH OPERATION PERMIT APPLICATION ONCE THE FUEL SOURCE IS IDENTIFIED
3. Detailed Description of Control Equipment <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
4. Description of Stack Sampling Facilities <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable <input type="checkbox"/> Waiver Requested
5. Compliance Test Report <input type="checkbox"/> Attached, Document ID: _____  <input type="checkbox"/> Previously submitted, Date: _____  <input checked="" type="checkbox"/> Not Applicable
6. Procedures for Startup and Shutdown <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
7. Operation and Maintenance Plan <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable
8. Supplemental Information for Construction Permit Application <input type="checkbox"/> Attached, Document ID: _____ <input checked="" type="checkbox"/> Not Applicable

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

9. Other Information Required by Rule or Statute

Attached, Document ID: \_\_\_\_\_  Not Applicable

Emissions Unit Information Section \_\_\_\_\_ of \_\_\_\_\_

**Additional Supplemental Requirements for Category I Applications Only**

10. Alternative Methods of Operation <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
11. Alternative Modes of Operation (Emissions Trading) <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
12. Identification of Additional Applicable Requirements <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
13. Compliance Assurance Monitoring Plan <input type="checkbox"/> Attached, Document ID: _____ <input type="checkbox"/> Not Applicable
14. Acid Rain Application (Hard-copy Required)  <input type="checkbox"/> Acid Rain Part - Phase II (Form No. 62-210.900(1)(a)) Attached, Document ID: _____  <input type="checkbox"/> Repowering Extension Plan (Form No. 62-210.900(1)(a)1.) Attached, Document ID: _____  <input type="checkbox"/> New Unit Exemption (Form No. 62-210.900(1)(a)2.) Attached, Document ID: _____  <input type="checkbox"/> Retired Unit Exemption (Form No. 62-210.900(1)(a)3.) Attached, Document ID: _____  <input type="checkbox"/> Not Applicable