



# Department of Environmental Protection

# FILE

Jeb Bush  
Governor

Southeast District  
400 N. Congress Ave. Suite 200  
West Palm Beach, Florida 33401

Colleen M. Castille  
Secretary

**JUL 20 2005**

**ELECTRONIC CORRESPONDENCE**  
[Phernandez@Miami-Airport.com](mailto:Phernandez@Miami-Airport.com)

In the Matter of an Application for Permit by:

Mr. Pedro Hernandez, P.E.  
Manager Environmental Engineering Division  
P.O. Box 592075  
Miami, FL. 33159

DEP File No. 0250393-006-AF  
Miami-Dade County  
Project: FESOP for Miami International Airport

## INTENT TO ISSUE A FEDERALLY ENFORCEABLE OPERATION PERMIT (FESOP)

Dear Mr. Hernandez:

The Department of Environmental Protection gives notice of its intent to issue a federally enforceable air pollution operation permit (FESOP) for the proposed project as detailed in the application specified above, for the reasons stated below. A copy of the draft permit is attached.

The applicant, Mr. Pedro Hernandez, Manager Environmental Engineering Division, applied on January 28, 2005, to the Department of Environmental Protection for a federally enforceable air pollution operation permit in accordance with Florida Administrative Code (F.A.C.) Rule 62-210.300(2)(b) to operate an air pollution source designated as the Airport Support Facility. This source is located at the Miami International Airport, Miami-Dade County, Florida. The applicant has requested that this permit be made federally enforceable.

The Department has permitting jurisdiction under Section 403.087, Florida Statutes (F.S.), to issue or deny permits for air pollution sources. The project is not exempt from permitting procedures. The Department has determined that the applicant's request is acceptable for an operation permit pursuant to F.A.C. Rule 62-210.300(2)(b).

The Department intends to issue this permit based on F.A.C. Rules 62-4, and 62-204 through 62-297, and the belief that reasonable assurances have been provided to indicate the proposed project will not adversely impact air quality, and that the specific conditions in the draft permit limit the potential emissions of air pollutants below Title V applicability thresholds and meet the requirements of federal enforceability.

Pursuant to Section 403.815, F.S., and Rule 62-110.106(7)(a)1, F.A.C., you (the applicant) are required to publish at your own expense the enclosed "Public Notice of Intent to Issue Federally Enforceable State Operating Permit". The notice shall be published one time only in the legal advertisement section of a newspaper of general circulation in the area affected. Rule 62-110.106(7)(b), F.A.C. requires that the applicant cause the notice to be published as soon as possible after notification by the Department of its intended action. For the purpose of this rule, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. If you are uncertain that a newspaper meets these requirements, please contact the Air Permitting Section of the Department at the address or telephone number listed below. The applicant shall provide proof of publication to the Air Permitting Section of the Department of Environmental Protection, in person or by mail at 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401, or by mail to the Department of Environmental Protection, (Telephone 561-681-6600; Fax 561-681-6790). You must provide proof of publication within seven days of publication, pursuant to Rule 62-110.106(5), F.A.C. No permitting action for which published notice is required shall be granted until proof of publication of notice is made by furnishing a uniform affidavit in substantially the form prescribed in section 50.051,

*"More Protection, Less Process"*

*Printed on recycled paper.*

F.S. to the office of the Department issuing the permit. Failure to publish the notice and provide proof of publication may result in the denial of the permit pursuant to Rules 62-110.106(9) & (11), F.A.C.

The Department will issue the permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change or terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of 14 (fourteen) days from the date of publication of "Public Notice of Intent to Issue Federally Enforceable State Operating Permit." Written comments should be provided to the Air Permitting Section of the Department's Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures petitioning for a hearing are set forth below.

Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida's Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399, (Telephone: 850/245-2242; Fax 850/245-2303). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (f) A demand for relief.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.

In addition to the above, a person subject to regulation has a right to apply for a variance from or waiver of the requirements of particular rules, on certain conditions, under section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399, (Telephone: 850/245-2242; Fax 850/245-2303). The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of EPA and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in West Palm Beach, Florida.

STATE OF FLORIDA DEPARTMENT  
OF ENVIRONMENTAL PROTECTION

 7/19/05  
Date

Kevin R. Neal  
District Director  
Southeast District

  
KRN/DG/LT/md

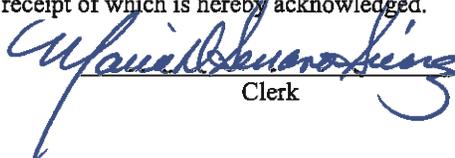
attachment

c:

Gracy Danois, Operating Source Section, U.S. EPA, Region IV  
H. Patrick Wong, Chief, Miami-Dade DERM  
Claudette Rangel, ERM

(Internet e-mail Memorandum)  
Wongp@miamidade.gov  
Claudette.rangel@erm.com

**FILING AND ACKNOWLEDGMENT:** FILED, on this date, pursuant to § 120.52(7), F.S., with the designated Department Clerk, receipt of which is hereby acknowledged.

  
Clerk

07-20-05  
Date

STATE OF FLORIDA  
DEPARTMENT OF ENVIRONMENTAL PROTECTION  
NOTICE OF INTENT TO ISSUE FEDERALLY ENFORCEABLE STATE OPERATING PERMIT

The Department of Environmental Protection gives notice of its intent to issue a federally enforceable air pollution permit (FESOP) to Mr. Pedro Hernandez, P.E. of Miami International Airport, P.O. Box 592075, Miami, Florida 33159, to operate an air pollution source designated as the Airport Support Facility. This source is located at the Miami International Airport, Florida. The Department's file number in this matter is 0250393-006-AF.

The purpose of this permitting project is to incorporate the exempt units/activities requested by the applicant. The Department intends to issue this permit based on Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and the belief that reasonable assurances have been provided to indicate the proposed project will not adversely impact air quality. The Department will issue the permit with the attached conditions unless a response received in accordance with the following procedures results in a different decision or significant change or terms or conditions.

The Department will accept written comments concerning the proposed permit issuance action for a period of 14 (fourteen) days from the date of publication of "Public Notice of Intent to Issue Federally Enforceable State Operating Permit." Written comments should be provided to the Air Permitting Section of the Department's Southeast District Office, 400 North Congress Avenue, Suite 200, West Palm Beach, Florida 33401. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in the proposed agency action, the Department shall revise the proposed permit and require, if applicable, another Public Notice.

The Department will issue the permit with the attached conditions unless a timely petition for an administrative hearing is filed pursuant to sections 120.569 and 120.57 F.S., before the deadline for filing a petition. The procedures petitioning for a hearing are set forth below. Mediation is not available for this action.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida's Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399, (Telephone: 850/245-2242; Fax 850/245-2303). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within fourteen days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the appropriate time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under sections 120.569 and 120.57 F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department's action is based must contain the following information:

- (a) The name and address of each agency affected and each agency's file or identification number, if known;
- (b) The name, address, and telephone number of the petitioner, the name, address, and telephone number of the petitioner's representative, if any, which shall be the address for service purposes during the course of the proceeding; and an explanation of how the petitioner's substantial interests will be affected by the agency determination;
- (c) A statement of how and when petitioner received notice of the agency action or proposed action;
- (d) A statement of all disputed issues of material fact. If there are none, the petition must so indicate;
- (e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle the petitioner to relief; and
- (f) A demand for relief.

A petition that does not dispute the material facts upon which the Department's action is based shall state that no such facts are in dispute and otherwise shall contain the same information as set forth above, as required by Rule 28-106.301.

Because the administrative hearing process is designed to formulate final agency action, the filing of a petition means that the Department's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the Department on the application have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

Mediation is not available in this proceeding.



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# Department of Environmental Protection

Southeast District  
400 N. Congress Avenue, Suite 200  
West Palm Beach, Florida 33401

Colleen M. Castille  
Secretary

## NOTICE OF AIR POLLUTION PERMIT

### ELECTRONIC CORRESPONDENCE

[Phernandez@Miami-Airport.com](mailto:Phernandez@Miami-Airport.com)

### ISSUED TO:

Miami-Dade Aviation Department  
P.O. Box 592075  
Miami, FL 33159

Permit Number: **0250393-006-AF**  
Issue Date: **DRAFT**  
Expiration Date: **November 25, 2007**

### Authorized Representative:

Mr. Pedro Hernandez, P.E.  
Manager, Environmental Engineering Division

### PROJECT:

Project: **FESOP permit modification to add additional exempt units/activities to the existing permit.**  
Description: An Airport Support facility (SIC # 4581)  
Location: Miami-Dade County, Florida, 33122  
Lat./Long.: 25° 47' 54" N / 80° 17' 19" W  
UTM: Zone 17; 570.61 Km. E; 2853.38 Km. N

### Dear Mr. Hernandez:

This is Permit Number 0250393-006-AF this permit has been issued to incorporate the exempt units/activities requested by the applicant and authorize operation of the emission units described in this permit.

### NOTICE OF RIGHTS:

Any party to this Order has the right to seek judicial review of the permit under Section 120.68 of the Florida Statutes, by filing a notice of appeal under Rule 9.110 of the Florida Rules of Appellate Procedure, with the Clerk of the Department of Environmental Protection in the Office of General Counsel at 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, Florida 32399-3000, (Telephone: 850/245-2242; Fax 850/245-2303) and by filing a copy of the notice of appeal accompanied by the applicable filing fees with the appropriate District Court of Appeal. The notice must be filed within thirty days after this order is filed with the clerk of the Department.

### STATEMENT OF BASIS:

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Rules 62-4, and 62-204 through 62-297, and in conformance with all existing regulations of the Florida Department of Environmental Protection. The above named owner or operator is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Department, in accordance with the terms and conditions of this permit.

**PART I -- SUMMARY INFORMATION**

**PERMIT CONTENTS:**

- Part I -- Summary Information
- Part II -- Facility-Wide Specific Conditions
- Part III -- Emission Unit Specific Conditions
- Appendix A -- General Conditions
- Appendix B--Summary of all emission units at the facility

**OPERATE:** This permit addresses the following air pollution emission units:

<b>Emissions Unit Number</b>	<b>Emissions Unit Description</b>
004	Internal Floating Roof Tanks (Includes tanks No. 13,14,15,16,17 and 18) storing Jet Kerosene (Vapor pressure less than 0.05 psi at 90°F)
005	Vertical Fixed Roof Tanks (Includes tanks No. 3,5,7,8,9,24,25,and 26) storing Jet Kerosene (Vapor pressure less than 0.05 psi at 90°F)
007	Twenty Five (25) emergency diesel generators, with less than 600 HP, each
008	Twenty Five (25) emergency diesel generators with more than 600 HP, each
018	Loading Rack

This permit also addresses the following air pollution activities, which are deemed to be exempt from permitting, based on the information provided by the applicant to the Department:

<b>Emissions Unit Number</b>	<b>Exempt Activity Description</b>
010	Chemical Usage
012	Thirty-seven Diesel Tanks for emergency generators (Above Ground Tanks)
013	Three Vertical Fixed Roof Tanks (Diesel and Vehicle fuel of total capacity 30,000 gal)
014	Sand Blasting operations
015	Welding operations
016	Wood Working Operations
019	Part Washers (System One units) and Fuel filters changes, spills
020	Chiller Unit
021	Bus Rack (Shuttle Fueling Station, 14 <sup>th</sup> Street), Midfield Fueling (Satellite Concourse E), and MDAD Ground Vehicle Fueling Facility (4300 NW 20 <sup>th</sup> Street)
022	Petroleum Contaminated Water (PCW) Tank # 21 and four (4) 500 gallon PCW Tanks (Dike Area # 5)
023	Paint Shop and Bus Painting Operations
024	Seventeen Diesel-Fueled Fire Pumps Less than 600 HP

Exempt activities have no emission unit specific conditions, but are subject to applicable general pollutant emission limiting standards specified in Part II of this permit.

**SIGNIFICANT DATES:**

- Application Received: **January 28, 2005**
- Additional Information Requested: **February 23, 2005**
- Additional Information Received: **June 13, 2005**
- Public Notice of Intent Published: **Pending**

**PERMIT HISTORY:**

Permit No. 0250393-005-AF issued **November 26, 2002.**  
Permit No. 0250393-004-AF issued **June 29, 1998.**  
Permit No. 0250393-001-AF issued **February 07, 1997.**  
Permit No. AC 13-272642 issued **November 17 1995.**  
Permit No. AO 13-199202 issued **July 26, 1991**

**This permit supersedes all operating permits issued previously.**

**PART II – FACILITY-WIDE SPECIFIC CONDITIONS**

Conditions in this part generally apply to all emission units and activities covered under this permit.

**1.0 Administrative Requirements**

- 1.1 **Regulating Agencies:** All applications, tests, reports, notifications, or other submittals required by this permit shall be submitted to the Florida Department of Environmental Protection, Southeast District Office, Air Program at PO Box 15425, West Palm Beach, Florida, 33416 (street address 400 North Congress Avenue, West Palm Beach, Florida, 33401, phone (561) 681-6600, Fax (561) 681-6790). In addition, copies shall be submitted to Dade County Department of Environmental Resources Management, Air Quality Management Division, 33 SW Second Avenue, Suite 900, Miami, Florida, 33130, phone (305) 372-6925.
- 1.2 **Citation Format:** In this permit, references to F.A.C. Rule 62-xxx refer to rules promulgated under Title 62 of the Florida Administrative Code; references (if any) to 40 CFR 60.xx (or 61.xx or 63.xx) refer to regulations codified under Part 60 (or 61 or 63) of Title 40 of the Code of Federal Regulations.
- 1.3 **Specific and General Conditions:** The owner or operator shall be subject to the specific conditions of this permit and the owner or operator shall be aware of, and operate under, the attached General Conditions, attached as Appendix A of this permit. General Conditions are binding and enforceable pursuant to Chapter 403, F.S.  
**[Rule 62-4.160, F.A.C.]**
- 1.4 **Applicable Regulations:** This facility is subject to regulation of Florida Administrative Code (F.A.C.) Rules 62-4 and 62-204 through 62-297. Issuance of this permit does not relieve the facility owner or operator from compliance with any other applicable federal, state or local permitting requirements or other regulations.
- 1.5 **Other Permits:** This air pollution permit does not preclude the owner or operator from obtaining any other types of required permits, licenses or certifications from this Department or other departments or agencies.
- 1.6 **Renewal of This Permit Required:** An application for renewal of this operation permit must be submitted to the Department of Environmental Protection, Southeast District Office, Air Program **at least 60 days prior** to the expiration date of this permit. To apply for an operation permit, the applicant shall submit the appropriate application form in quadruplicate, the appropriate application fee, all required compliance test results, and such additional information as the Department may by law require.  
**[Rules 62-4.030, 62-4.050, and 62-4.220, F.A.C.]**
- {Permit note: Public notice may be required again at the time of renewal or revision of this permit if the facility or permit is materially changed from that described by this permit.}*  
**[Rule 62-210.350(4)(a), F.A.C.]**
- 1.7 The permit also constitutes:  
a. Determination of Best Available Control Technology (BACT is NOT required)  
b. Determination of Prevention of Significant Deterioration (PSD does NOT apply); and  
c. Compliance with New Source Performance Standards (NSPS does NOT apply).  
**[Rule 62-4.160, F.A.C.]**
- 1.8 The details of all emission units are contained in the Appendix B, which is part of this permit.  
**[Rule 62-4.070(3), F.A.C.]**

## 2.0 General Pollutant Emission Limiting Standards

2.1 Objectionable Odor Prohibited: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor.

*{Permitting note: Objectionable odor is defined in Rule 62-210.200(181), F.A.C., as any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance}.*

[Rule 62-296.320(2), F.A.C.]

2.2 General Visible Emissions Standard: Unless otherwise specified by permit or rule, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.

[Rule 62-296.320(4)(b), F.A.C.]

2.3 Volatile Organic Compounds/Organic Solvents Emissions: No person shall store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

Such controls include the following:

- ◆ Tightly cover or close all VOC containers when they are not in use.
- ◆ Tightly cover all open tanks that contain VOCs when they are not in use.
- ◆ Maintain all pipes, valves, fittings, etc., which handle VOCs in good operating condition.
- ◆ Confine rags used with VOCs to tightly closed, fireproof containers when not in use.
- ◆ Immediately confine and clean up VOC spills and make sure wastes are placed in closed containers for reuse, recycling or proper disposal.

[Rule 62-296.320(1), F.A.C.]

2.4 Unconfined Emissions of Particulate Matter: No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction, alteration, demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions.

Reasonable precautions include the following:

- ◆ Paving and maintenance of roads, parking areas and yards.
- ◆ Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent reentrainment, and from buildings or work areas to prevent particulate from becoming airborne.
- ◆ Landscaping or planting of vegetation.

[Rule 62-296.320(4)(c), F.A.C.]

## 3.0 Operation Requirements

3.1 Circumvention: No person shall circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.

[Rule 62-210.650, F.A.C.]

3.2 Excess Emissions: Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing best operational practices to minimize emissions are adhered to, and the duration of excess emissions shall be minimized but in no case exceeds two hours in any 24 hour period unless specifically authorized by the Department for longer duration.

[Rule 62-210.700(1), F.A.C.]

3.3 Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited.  
[Rule 62-210.700(4), F.A.C.]

#### 4.0 Compliance Testing Requirements

4.1 Test Notification: Unless otherwise specified in this permit, the Department of Environmental Protection, Southeast District Office, Air Program shall be notified in writing of expected compliance test dates at least fifteen (15) days prior to compliance testing. The notification shall include the following information: the date, time, and location of each test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner.  
[Rule 62-297.310(7)(a), F.A.C.]

4.2 Testing at Capacity: Compliance testing shall be conducted with the emission units operating at the permitted capacity (90 to 100% of the maximum permitted operation rate of the emission units). If emissions unit is not tested at permitted capacity, the emission unit shall not be operated above 110% of the test load until a new test showing compliance is conducted. Operation of the emissions unit above 110% of the test load is allowed for no more than 15 days for the purpose of conducting additional compliance testing to regain the authority to operate at the permitted capacity.  
[Rule 62-297.310(2), F.A.C.]

4.3 Special Compliance Tests: When the Department, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard in Rules 62-204 through 62-297 or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Department.  
[Rule 62-297.310(7)(b), F.A.C.]

#### 5.0 Reporting and Record Keeping Requirements

5.1 Report Excess Emissions: In case of excess emissions resulting from malfunctions, each owner or operator shall notify the Department in accordance with Rule 62-4.130, F.A.C. (condition 5.2 below). A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Department.  
[Rule 62-210.700(6), F.A.C.]

5.2 Report Plant Operation Problems: If the owner or operator is temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by hazard of fire, wind or by other cause, the owner or operator shall immediately notify the Department. Notification shall include pertinent information as to the cause of the problem, and what steps are being taken to correct the problem and to prevent its recurrence, and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the owner or operator from any liability for failure to comply with Department rules.  
[Rule 62-4.130, F.A.C.]

5.3 Retain Records: All records required by this permit shall be kept by the owner or operator and made available for Department inspection for a minimum of five (5) from the date of such records.  
[Rule 62-4.070(3), F.A.C.]

5.4 Compliance Test Reports: Compliance test reports shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Compliance Section, as soon as practical, but no later than 45 days after the last sampling run of each test is completed.

Test reports shall provide sufficient detail on the emissions unit tested and the test procedures used to allow the Department to determine if the test was properly conducted and the test results properly computed. Test reports, other than for an EPA or DEP Method 9 test, shall include the following information and other information as necessary to make a complete report required pursuant to Rule 62.297.310(8)(c), F.A.C.:

- ◆ The normal type and amount of fuels used and materials processed, and the types and amounts of fuels used and material processed during each test run.
- ◆ The means, raw data and computations used to determine the amount of fuels used and materials processed, if necessary to determine compliance with an applicable emission limiting standard.

- ◆ The type of air pollution control devices installed on the emissions unit, their general condition, their normal operating parameters (pressure drops, total operating current and GPM scrubber water), and their operating parameters during each test run.
- ◆ All measured and calculated data required to be determined by each applicable test procedure for each run.
- ◆ The detailed calculations for one run that relate the collected data to the calculated emission rate.
- ◆ The applicable emission standard and the resulting maximum allowable emission rate for the emissions unit, plus the test result in the same form and unit of measure.

[Rules 62-297.310(8)(a) &(b), F.A.C.]

- 5.5 **Annual Report Required:** On or before March 1 of each calendar year, a completed DEP Form 62-210.900(5), Annual Operating Report (AOR) Form for Air Pollutant Emitting Facility, shall be submitted to the Department of Environmental Protection, Southeast District Office, Air Program. **Included with this report shall be additional reports, if any, required by this permit in Part III – Emission Unit Specific Conditions.**  
[Rule 62-210.370(3), F.A.C.]

### PART III A -- EMISSION UNIT SPECIFIC CONDITIONS

This part of this permit addresses the following emission units:

Emissions Unit Number	Emissions Unit Description
007	Twenty Five (25) emergency diesel generators, with less than 600 HP, each
008	Twenty Five (25) emergency diesel generators with more than 600 HP, each

#### Essential Potential to Emit (PTE) Parameters

- 1.1 **Permitted Capacity.** The power output from all **Diesel Generators** shall not exceed **1,934,200 KW-hr** in any given consecutive 12-month period.  
[Rule 62-210.200(PTE), F.A.C. and Permit 0250393-004-AF]

*[Permitting Note: This condition will limit NOx emissions from these units to 40 tons per year. This restriction is based on the AP-42 Emission Factor of 18.8 gm/Kw-hr and if the Emission Factor is revised by the EPA then the Kw-hr restriction shall be modified accordingly].*

#### Record Keeping and Reporting Requirements

- 1.2 The Permittee shall record and maintain records for each Diesel Generator of the hours of operation, including operation for repairs or maintenance on a monthly basis.  
[Permit 0250393-004-AF]

Compliance with Kw-hr limit shall be determined based on rating and the hours of operation of each generator. From the monthly records of hours of operation, and Kw-hr rating of each emergency generator, the Permittee shall record and maintain a rolling 12-month cumulative hours of operation, and 12-month rolling total calculated Kw-hr for all generators. This record keeping shall be done no later than 14<sup>th</sup> of the following month.

*{Permitting note: The rolling 12-month rolling records shall be used to demonstrate compliance with the limitation in specific condition 1.1.}*

[Rule 62-4.070, F.A.C. and Permit 0250393-004-AF]

- 1.3 **Reports:** Attached to the annual operation report shall be the following records that were recorded in the previous calendar year. This report shall be submitted to the Department on or before March 1 of each calendar year.

- ◆ The highest 12-month consecutive total Kw-hrs calculated, and the total hours of operation.

All records required under this section shall be maintained by the Permittee for a period of five years following the date of such record.

[Rules 62-210.370(3), and 62-4.070, F.A.C., Permit 0250393-004-AF]



## APPENDIX - A

### GENERAL CONDITIONS Pursuant Rule 62-4.160, Florida Administrative Code (F.A.C.):

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes (F.S.) The permittee is placed on notice that the Department will review this permit periodically and may initiate enforcement action for any violation of these conditions.
  2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
  3. As provided in subsections 403.987(6) and 403.722(5), F.S., the issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other department permit that may be required for other aspects of the total project which are not addressed in this permit.
  4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.
  5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore; nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Department rules, unless specifically authorized by an order from the Department.
  6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Department rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Department rules.
  7. The permittee, by accepting this permit, specifically agrees to allow authorized Department personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
    - a. Have access to and copy any records that must be kept under conditions of the permit;
    - b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
    - c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Department rules. Reasonable time may depend on the nature of the concern being investigated.
  8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Department with the following information:
    - a. A description of and cause of noncompliance; and
    - b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Department for penalties or for revocation of this permit.
  9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Department
-

APPENDIX - A

GENERAL CONDITIONS CONTINUED:

may be used by the Department as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Department rules, except where such use is prescribed by Sections 403.111 and 403.73, F.S. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Department rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Department rules. A reasonable time for compliance with a new or amended surface water quality standard, other than those standards addressed in Rule 62-302.500, F.A.C., shall include a reasonable time to obtain or be denied a mixing zone for the new or amended standard.
11. This permit is transferable only upon Department approval in accordance with Rules 62-4. 120 and 62-730. 300, F.A.C., as applicable. The permittee shall be liable for any non-compliance of the permitted activity until the transfer is approved by the Department.
12. This permit or a copy thereof shall be kept at the work site of the permitted activity.
13. The permittee shall comply with the following:
  - a. Upon request, the permittee shall furnish all records and plans required under Department rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Department.
  - b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by the permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Department rule.
  - c. Records of monitoring information shall include:
    - (1) The date, exact place, and time of sampling or measurements;
    - (2) The person responsible for performing the sampling or measurements;
    - (3) The dates analyses were performed;
    - (4) The person responsible for performing the analyses;
    - (5) The analytical techniques or methods used;
    - (6) The results of such analyses.
14. When requested by the Department, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware the relevant facts were not submitted or were incorrect in the permit application or in any report to the Department, such facts or information shall be corrected promptly.

*Specific Authority 403. 061, 403. 087, 403. 088 FS. Law Implemented 403. 061, 403. 087, 403. 088 FS. History – New 8-31-88, Amended 10-4-89, 7-11-93, Formerly 17-4. 160.*

## **Appendix B**

**Miami-Dade Aviation Department  
Permit Number 0250393-006-AF**

**Summary of all emission units at the facility**

MIA Fuel Facility Internal Floating Roof Jet-A Fuel Storage Tanks - Emission Unit ID: 004

#	Tank ID #	Location	Status	Material	Dimensions (feet)				Tank Capacity (gallons)		
					Hdes	Hmax	Havg	D	Working	Max Vol	Avg Vol
1	13	Dike Area # 4	Active Permitted	Jet-A Fuel	40	37.33	35.33	70	1,155,000	1,074,052	644,431
2	14	Dike Area # 4	Active Permitted	""	40	37.83	35.83	70	1,155,000	1,088,438	653,063
3	15	Dike Area # 4	Active Permitted	""	40	35.83	21.50	60	840,000	757,392	454,435
4	16	Dike Area # 4	Active Permitted	""	40	35.83	21.50	60	840,000	757,392	454,435
5	17	Dike Area # 4	Active Permitted	""	40	35.83	21.50	60	840,000	757,392	454,435
6	18	Dike Area # 4	Active Permitted	""	40	35.83	21.50	60	840,000	757,392	454,435

**MIA Fuel Facility Fixed Roof Jet-A Fuel Storage Tanks - Emission Unit ID: 005**

#	Tank #	Location	Status	Material	Dimensions (feet)				Tanks Capacity (gallons)		
					Hdes	Hmax	Havg	D	Working	Max Vol	Avg Vol
1	3	Dike Area #1	Inactive	Jet-A Fuel	40	38.33	29.90	53.5	630,000	644,195	502,472
2	5	Dike Area #1	Inactive	""	40	38.42	29.97	53.5	630,000	645,708	503,652
3	7	Dike Area #1	Inactive	""	40	37.50	31.50	82.5	1,503,600	1,498,685	1,258,896
4	8	Dike Area #2	Inactive	""					1,050,000		
5	9	Dike Area #2	Inactive	""					1,050,000		
6	24	Dike Area #7	Active	""	48	46.08	37.32	120	4,015,200	3,896,245	3,155,958
7	25	Dike Area #7	Active	""	48	46.00	29.44	120	4,015,200	3,889,480	2,489,267
8	26	Dike Area #7	Active	""	48	46.00	27.60	120	4,015,200	3,889,480	2,333,688

Emergency Generators < 600 HP - Emission Unit 007

List ID	Location	Engine										Generator		
		(kW)	(hp)	Manufacturer	Model	Make	Model	Serial #	Model	Serial #	Model	Serial #		
1	Northeast Base Gate (102)	15	20.1	Generic	98A06045	KIA	NA	2044707	NA	NA	NA	NA	NA	NA
2	Central Base Gate (101)	23	30.8	Katolight	D25FDP4	Perkins	NA	LM302879	D25FDP4	G-44807	B020337595			
3	Northwest Gate (111)	23.5	31.5	Cummins	DGBB552354	Cummins	4B3.9-G2	46184427	DGBB552354	B020337595				
4	Tunnel Gate (105)	25	33.5	DMT Corp.	DMT 20C	Cummins	4A2.3-G1	59126442	795203-0A	AD143435 SNG				
5	Southeast Gate (104)	25	33.5	DMT Corp.	DMT 20C	Cummins	4A2.3-G1	53126444	795203-0A	AD143437 SNG				
6	MIA NTD Gate	25	33.5	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
7	Southwest Gate (110)	30	40.2	Kohler	30ROZJ61	John Deere	4039DF	CD4039D235232	NA	371224				
8	Cargo Clearance (Bldg. 2122) (108)	50	67.1	Kohler	50ROZ271	John Deere	4BT39	44147516	Kohler	178182				
9	Remote E Satellite (109)	50	67.1	Onan	NA	John Deere	6329DF-01	6196351	500DDB-15R/2387E	L630686399				
10	West Cargo Load Rack	55	73.8	John Deere	NA	John Deere	NA	NA	NA	PE4045T258127				
11	Old Pan Am Room (Bldg. 43) (113)	105	140.8	CAT.	3304	CAT.	3304PC	4B16648	SR4	448H4618				
12	Building 700 (Lift Station 68) (114)	125	167.6	Katolight	D125FRJ4	John Deere	RG6076TF-00	RG6076T189085	D125FRJ4	AD206869SRD G-40132				
13	Lift Station # 69 (115)	125	167.6	Katolight	D135FRJ4	John Deere	RG6076TF-00	RG6076T195703	D135FRJ4	AD211189S1C G-40884				
14	Building 3092 (106)	125	167.6	Katolight	6CT83G	Cummins	NA	LM221317	V125FRZ4	45366499				
15	Concourse H (H1) (116)	150	201.2	Detroit Diesel	105D5EJB	John Deere	NA	NA	4S13	0748985				
16	North Fire Station (224)	250	335.3	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
17	Chiller Plant (East) (118)	285	382.2	Detroit Diesel	71237406	Detroit Diesel	450 DS	610162	450 DS	12V8091114				
18	TEN (Small) (120)	285	382.2	Caterpillar	D343	Caterpillar	D 343	62B10193	SRCR	200TH3112				
19	Building 33 (122)	300	402.3	Katolight	300SR9E	Waskesha	F1197D5IU	165619	D300FPE4	63350				
20	Old MB Room (MIA E-1345) (123)	300	402.3	Caterpillar	397	Caterpillar	D 397	41B1191	Columbia Elec.	56G8948				
21	Park #2 - #1 (121)	300	402.3	Onan	300	Onan	06152TA-A	10439	3000DUH-47R/2937JA	K850784493				
22	Building 60/60A (124)	350	469.4	Caterpillar	379	Caterpillar	D 379	68B472	D379	350RH801				
23	Midfield (225)	350	469.4	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA
24	Building 3202 CC Fuel Field (204)	400	536.4	Caterpillar	D348	Caterpillar	D348	36J1309	EM BEMAC II	174916611				
25	Stationary/Fuel Facility-Dike Area #1	410	549.8	Detroit Diesel	450R07D71	Detroit Diesel	NA	NA	450R07D71	284589				

Emergency Generators > 600 HP - Emission Unit 008

List ID	Location	Engine										Generator		
		(kW)	(hp)	Manufacturer	Model	Make	Model	Serial #	Model	Serial #	Model	Serial #		
1	NW Retention Pond (223)	460	616.9	CAT.	3412	CAT.	G3412	CAT.	G3412	7DB01414	SR4	5NA11179		
2	Air Field Lighting #2 (202)	500	670.5	Caterpillar	3412	Caterpillar	3412	Caterpillar	3412	81Z16758	SR-4	5NA09391		
3	Concourse E (E4) (203)	520	697.3	Caterpillar	3412	Caterpillar	3412 DI	Caterpillar	3412 DI	81Z01679	SR4	5NA03994		
4	Air Field Lighting #1 (212)	535	717.4	Cummins	KTA38-G3	Cummins	KTA38-G3	Cummins	KTA38-G3	33136432	682FDR7204	A970628758		
5	Concourse E - Satellite (205)	565	757.7	Caterpillar	D348	Caterpillar	D 348	Caterpillar	D 348	36J1034	SR4	450TH3345		
6	Building 100 (208)	600	804.6	Cummins	680FDR7028HHW	Cummins	UTA1710G52	Cummins	UTA1710G52	37104845	680FDR7028HHW	LK93906-9/28-5		
7	Park #4 (207)	620	831.4	Caterpillar	348	Caterpillar	D348	Caterpillar	D348	36J2250	SR4	59BH752		
8	Consumer (Park #2) (206)	750	1005.8	Caterpillar	3508	Caterpillar	3508.0	Caterpillar	3508.0	23Z05255	SR4	5UA02132		
9	F to G Wrap #1 (210)	750	1005.8	Cummins	KTA38-GS1	Cummins	KTA38-G1	Cummins	KTA38-G1	33115042	4799	W3004/1		
10	F to G Wrap #2 (209)	750	1005.8	Cummins	KTA38-GS1	Cummins	KTA38-G1	Cummins	KTA38-G1	249504602	4799	P9961/13		
11	Park #7 (220)	750	1005.8	CAT.	3412	CAT.	3412	CAT.	3412	2WJ00167	SR4	6EJ00533		
12	D Connector (D1) (215)	750	1005.8	Caterpillar	D3512	Caterpillar	D3512	Caterpillar	D3512	3YF00555	SR4	6AA-01228		
13	Air Field Lighting No. 3 (221)	900	1206.9	Onan	900DFJC	Onan	900DFJC	Cummins	KTA38G3	A97062875A	NA	9799564		
14	FIS (211)	930	1247.1	Caterpillar	D399	Caterpillar	D399	Caterpillar	D399	35B2904	SR4	700TH3598		
15	CC H11/H15 (213)	1000	1341.0	Onan	100FJD	Onan	100FJD	Cummins	KTA38-G4	33129572	HC634J1	CO42829/02		
16	Concourse F (F9/F11) (214)	1100	1475.1	Caterpillar	3512	Caterpillar	3512 STD	Caterpillar	3512 STD	24Z01420	SR4	6PA00719		
17	TEN (Large) (216)	1400	1877.4	Caterpillar	D3512	Caterpillar	3512	Caterpillar	3512	25Z00536	SR4	6AA0056		
18	Concourse A4 Tunnel (219)	1400	1877.4	CAT.	3516	CAT.	3516	CAT.	3516	25Z05288	SR4	2GN00762		
19	MIA CC-D-43 #1 (227)	1500	2011.5	NA	NA	NA	NA	NA	NA	NA	NA	NA		
20	MIA CC-D-43 #2 (228)	1500	2011.5	NA	NA	NA	NA	NA	NA	NA	NA	NA		
21	Northeast Gate & New Repump #1 (103)	1500	2011.5	NA	NA	NA	NA	NA	NA	NA	NA	NA		
22	MIA Building 3030 (C.U.T.E) (229)	1500	2011.5	NA	NA	NA	NA	NA	NA	NA	NA	NA		
23	Building 5 (218)	1800	2413.8	Alco	NA	Alco	9172	Alco	9172	16V9X10 1/2 251-E-1	Synchronous	99089		
24	Building 3090 (201)	2000	2682.0	GM Electro	629	General Mtr	629	General Mtr	629	NA	Synchronous	99648		
25	Concourse A (A6/A8) (217)	2000	2682.0	Caterpillar	3516	Caterpillar	3516	Caterpillar	3516	4XF00468	SR4	2ED0114		

MDAD Emissions Calculations  
2004 Annual Operating Report

Chemical Usage - Emission Unit ID: 010

**Miscellaneous Chemical Usage**

VOC Summary:

Chemical Type	Annual Usage (gallons) *	Average Density (lb/gallon)	VOC Emissions (lbs/yr)**	VOC Emissions (tons/yr)**	VOC Emissions (lbs/day)**
Thinner Lacquer	4	7.0	28	0.0	0.1
Alcohol	8	7.0	56	0.03	0.15
Mineral Spirits	100	7.0	700	0.4	1.9
Turpentine	110	7.0	770	0.385	2.110
<b>Totals</b>	<b>222</b>	<b>NA</b>	<b>1,554</b>	<b>0.78</b>	<b>4.3</b>

\* Information from 2004 purchase records received from Ms. Sally Lorenzo, MDAD.

\*\* Assumes that 100% of the chemical evaporates when used.

HAP Summary:

Constituent	Weight Fraction	Actual Annual VOC Emissions (lb/yr)	Actual Annual HAP Emissions (lb/yr)	Actual Annual HAP Emissions (tons/yr)	Actual Annual HAP Emissions (lbs/day)
Chlorobenzene	0.0026	1,554	4.0	0.002	0.011
Ethylbenzene	0.0035	1,554	5.4	0.003	0.015
Naphthalene	0.0035	1,554	5.4	0.003	0.015
Toluene	0.005	1,554	7.8	0.004	0.021
m-xylene	0.0226	1,554	35.1	0.018	0.10
o-xylene	0.0156	1,554	24.2	0.012	0.07
<b>Totals</b>	<b>0.0528</b>	<b>NA</b>	<b>82.1</b>	<b>0.041</b>	<b>0.22</b>

Emergency Generators Diesel Storage Tanks - Emission Unit ID: 012

GENERATORS - EU ID 008 > 600 HP										TANKS - EU ID 012									
Source	MDAD #	Location	HP	KW	Status	ID	Facility	Location	Type	M	C	T	D						
1	223	NW Retention Pond	617	460	A P				NG										
2	202	Air Field Lighting # 2 (742) (2201)	671	500	A P	17R	Location K	Building 2201	UST	N/A	2,000	4,000	5.33 x 12						
3	203	Concourse E - E4	697	520	A P	25R	Location M	CC E - E4	UST	N/A	2,500	5,000	5.33 x 15						
4	212	Air Field Lighting # 1	717	535	A P		Midfield	Bldg 1045	TAST		1,000	2,000							
5	205	Concourse E - Satellite	805	600	A P				TAST		1,000	2,000							
6	208	Building 100	805	600	A P	16	Location J	Building 100	AST	Convault	500	1,000	11 x 4.5 x 3.33						
7	207	Park # 4	831	620	A P	57A	Garage # 4	Garage	AST	Convault	3,000	6,000	11.25 x 8 x 7.29						
8	206	Consumer Park # 2	1006	750	A P	2	Garage # 2	Garage	AST	Convault	3,000	6,000	11.25 x 8 x 7.29						
9	209	F to G Wrap # 2	1006	750	A P	59	Location Y	CC F/G Wrap	AST	Convault	2,000	4,000	11.25 x 8 x 5.5						
10	210	F to G Wrap # 1	1006	750	A P	59	Location Y	CC F/G Wrap	AST	Convault	2,000	4,000	11.25 x 8 x 5.5						
11	215	D Connector - D1	1006	750	A P		CC D	Gate D1	TAST		1,000	2,000							
12	220	Park # 7	1006	750	A P	66	Garage # 7	Dolphin Garage	AST	Convault	3,000	6,000	11.25 x 8 x 7.29						
13	221	Air Field Lighting # 3 (Bldg 605)	1207	900	A P	69 / 70	Midfield Exp	Building 605	AST	Convault	4,000	8,000	17.58 x 8 x 6.44						
14	211	FIS 2nd Floor	1247	930	A P	19A	Location C	CC E/D Wrap	AST	Convault	2,000	4,000	11.25 x 8 x 5.5						
15	213	Concourse H - H11/H15	1341	1000	A P	68	CC H	Gate H 11	UST	N/A	5,000	10,000	8 x 13.33						
16	214	Concourse F - F9/F11	1475	1100	A P	24A	Location L	Concourse F	AST	Convault	2,000	4,000	11.25 x 8 x 5.5						
17	216	Concourse C Throat (Large) (TEN)	1877	1400	A P				TAST		1,000	2,000							
18	219	Concourse A4 Tunnel	1877	1400	A P	71	CC A	CC A P3	UST	N/A	2,500	5,000	5.33 x 15						
19	227	Concourse D - D43 #1	2012	1500	A P				UST		7,000	14,000	8 x 26.5						
20	228	Concourse D - D43 #2	2012	1500	A P				UST		7,000	14,000	8 x 26.5						
21	229	Building 3030 C.U.T.E.	2012	1500	A P				PUT		200	400							
22	103	New Repump # 1 & NE Gate	2012	1500	A P														
23	218	Building 5	2414	1800	A P	10EA	Bldg 5	Bldg 5	AST	Convault	2,000	4,000	11.25 x 8 x 5.5						
24	201	Building 3090	2682	2000	A P	NA	Chiller Plant	Bldg 3090	AST	Convault	4,000	8,000	17.58 x 8 x 6.44						
25	217	Concourse A - A6/A8	2682	2000	A P				TAST		1,000	2,000							

A = Active  
 P = Permitted  
 NG = Natural Gas  
 M = Manufacturer  
 C = Capacity (gallons)  
 T = Throughput (gallons)

D = Dimensions (ft) (L x W x H) or (D x L)  
 AST = Aboveground Storage Tank  
 UST = Underground Storage Tank  
 TAST = Temporary Aboveground Storage Tank  
 PUT = Package Unit Tank

Emergency Generators Diesel Storage Tanks - Emission Unit ID: 012

GENERATORS - EU ID 007 < 600 HP										TANKS - EU ID 012						
Source	MDAD #	Location	HP	KW	Status	ID	Facility	Location	Type	M	C	T	D			
1	102	Northeast Base Gate	20	15	A	P			PUT		150	300				
2	101	Central Base Gate	31	23	A	P			PUT		150	300				
3	111	Northwest Gate	32	23.5	A	P			PUT		150	300				
4	104	Southeast Gate	34	25	A	P			PUT		150	300				
5	105	Tunnel Gate	34	25	A	P			PUT		150	300				
6		MIA NTD Gate	34	25	A	P			PUT		150	300				
7	110	Southwest Gate	40	30	A	P			PUT		150	300				
8	108	Cargo Clearance - Bldg. 2122	67	50	A	P	61	Bldg 2122	AST	Convault	500	1,000	11 x 4.5 x 3.33			
9	109	Remote E Satellite	67	50	A	P			PUT		150	300				
10		West Cargo Load Rack	74	55	A	P										
11	113	Old Pan Am Room - Bldg. 43	141	105	A	P	13P	Bldg 43	AST	Convault	500	1,000	11 x 4.5 x 3.33			
12	106	Building 3092	168	125	A	P	5P	Bldg 3092	AST	Convault	500	1,000	11 x 4.5 x 3.33			
13	114	Building 700 - Lift Station 68	168	125	A	P	63	Lift Station 68	UST	N/A	550	1,100	4 x 6			
14	115	Lift Station # 69	168	125	A	P	64	Lift Station 69	UST	N/A	550	1,100	4 x 6			
15	116	Concourse H - H1	201	150	A	P			PUT		500	1,000				
16	224	North Side Fire Station	335	250	A	P			NG							
17	118	Chiller Plant (East)	382	285	A	P			TAST		1,000	2,000				
18	120	Concourse C Throat (Small) (TEN)	382	285	A	P			TAST		1,000	2,000				
19	121	Park #2 - #1	402	300	A	P	56A	Location H	AST	Convault	3,000	6,000	11.25 x 8 x 7.29			
20	122	Building 33	402	300	A	P	4E	Bldg 33	AST	Convault	500	1,000	11 x 4.5 x 3.33			
21	123	Old Main Braker Room - MIA E-1345	402	300	A	P	1A	Location C	AST	Convault	2,000	4,000	11.25 x 8 x 5.5			
22	124	Building 60/60A	469	350	A	P	11R	Location Y 1	UST	N/A	2,000	4,000	5.33 x 12			
23	225	Midfield Fire Station - Bldg 600	469	350	A	P	72	Fire Department	AST	Convault	2,000	4,000	11.25 x 8 x 5.5			
24	204	Portable/Fuel Facility - Dike Area # 4	536	400	A	P			PUT		400	800				
25		Stationary/Fuel Facility - Dike Area #1	550	410	A	P										

A = Active  
 P = Permitted  
 NG = Natural Gas  
 M = Manufacturer  
 C = Capacity (gallons)  
 T = Throughput (gallons)  
 D = Dimensions (ft) (L x W x H) or (D x L)  
 AST = Aboveground Storage Tank  
 UST = Underground Storage Tank  
 TAST = Temporary Aboveground Storage Tank  
 PUT = Package Unit Tank

Emission Units ID: 013 - 014 - 015 - 016 - 017

EU ID	Source	A / I Status	P / N / E / N-E Status	Location
013	3 Vertical Fixed Roof Tanks	Active	Permitted/Exempt	GSE Bus Rack, Midfield, MDAD Ground Vehicle Fueling
014	Sand Blasting Operations	Active	Permitted/Exempt	Airfield Lighting (Building 2201)
015	Welding Operations	Active	Permitted/Exempt	Building 3038/Building 3024
016	Woodworking Operations	Active	Permitted/Exempt	Building 3091
017	Parts Washers and Fuel Filter Changes, Spills	Active	Permitted/Exempt	Parts Washers (Building 3040) / Fuel Filter Changes, Spills (Facility-Wide)

Source	Location	A / I Status	P / N / E / N-E Status
West Load Rack	West Cargo (Airside)	Active	Permitted / New Source
East Load Rack (Former Pan Am Truck Load Rack)	Tank Farm	Active	Permitted

Painting Operations, Bus Painting, PCW Tanks / Tank # 21, GSA Bus Rack, Midfield Fueling, MDAD Ground Vehicle Fueling

EU ID	Source	A / I Status	P / N / E / N-E Status	Location
NA	Painting Operations	Active	New Exempt Source	Facility-Wide Paint Shops
NA	PCW Tanks/Tank No. 21	Active	New Exempt Source	Tank Farm (N Side - Dike Area #5)
NA	ASTs for Diesel Generators	Active	New Exempt Source	Facility-wide (see generators)
NA	GSE Bus Rack	Active	New Exempt Source	14th Street
NA	Midfield Fueling	Active	New Exempt Source	Satellite Concourse E
NA	MDAD Ground Vehicle Fueling	Active	New Exempt Source	4300 NW 20th Street

Diesel Engine Fire Pumps Manufacturing Data

LIST ID #	LOCATION	Pump				Driver				
		Manufacturer	Type	Model	S/N	Manufacturer	Type	Model	S/N	hp
1	Concourse B Connector	Peerless	Horizontal	6ADF11.5	430679	Cummins	Diesel	V-504-F2	20239132	185.0
2	Track 1, Pump #2 - Bldg. 60/60A	Aurore	Horizontal	6-481-18B	84-66793	Clark G.M.	Diesel	DDFP04AT-7004	4A-271942	188.0
3	Building 100	Allis Chalmers	Horizontal	10XB17F	821-9159-1-1	Clark G.M.	Diesel	DDFP-04AT/7000	4A262689	188.0
4	Track 1, Pump #3 - Bldg. 60/60A	Fairbanks	Vertical Turbine	18 HC	PK5997	GM	Diesel	6061A	6A-6391	188.0
5	Track 1, Pump #4 - Bldg. 60/60A	Fairbanks	Vertical Turbine	18 HC	PK5993	GM	Diesel	6061A	6A6392	188.0
6	Track 1, Pump #2A - Bldg. 60/60A	Fairbanks	Vertical Turbine	6927F	P2F739	Clark G.M.	Diesel	DDFP06AT-7005	6A-43237	288.0
7	Track 1, Pump #2B - Bldg. 60/60A	Fairbanks	Vertical Turbine	6927F	P2F739	Detroit	Diesel	NA	NA	300.0
8	Central Base Pumpphous #1, West	Fairbanks	Vertical Turbine	6927	K2RZ062949-5	Cummins	Diesel	NT-380-IF	788573	300.0
9	Central Base Pumpphous #1, East	Fairbanks	Vertical Turbine	6927	K2RZ06949	Cummins	Diesel	NT-380-IF	764408	300.0
10	Central Base Pumpphous #4 West	Fairbanks	Vertical Turbine	6927	K2RZ062949-3	Cummins	Diesel	NT-380-IF	768575	300.0
11	Central Base Pumpphous #4 East	Fairbanks	Vertical Turbine	6927	K2RZ062949	Cummins	Diesel	NT-380-IF	768580	300.0
12	Central Base Pumpphous #3, West	Fairbanks	Vertical Turbine	6927	K2RZ2062949-4	Cummins	Diesel	NT-380-IF	753193	300.0
13	Central Base Pumpphous #3, East	Fairbanks	Vertical Turbine	6927	K2RZ2062949-7	Cummins	Diesel	NT-380-IF	764407	300.0
14	Central Base Pumpphous #2 East	Fairbanks	Vertical Turbine	6927	K2RZ2062949-1	Cummins	Diesel	NT-380-IF	766881	300.0
15	Central Base Pumpphous #2 West	Fairbanks	Vertical Turbine	6927	K2RZ062949-6	Cummins	Diesel	NT-380-IF	788882	300.0
16	Northeast Base Pump #3 - Bldg. 33	Fairbanks	Vertical Turbine	6922	K252064758-1	Cummins	Diesel	NT-380-IF	10226137	380.0
17	Northeast Base Pump #6 - Bldg. 33	Fairbanks	Vertical Turbine	6922	K2S2064758-3	Cummins	Diesel	NT-380-IF	10227171	380.0