



**FEBRUARY 18, 2011**  
**Electronic Correspondence**  
[D.K.Keith.White@fpl.com](mailto:D.K.Keith.White@fpl.com)

**NOTICE OF AIR POLLUTION OPERATION PERMIT**

**Issued to:**

Keith White – General Manager, T AND D Operations  
Florida Power & Light Company  
2445 Port West Blvd.  
West Palm Beach, FL 33407

**Air Permit No.:** 0990123-010-AO  
**PALM BEACH COUNTY, FLORIDA**

**Project:** Air Permit renewal for West Palm Beach Oil Storage Facility and Physical Distribution Center

Dear Mr. White:

Enclosed is **Air Permit No. 0990123-010-AO** for the operation of an air pollution source located in Palm Beach County. This permit is issued pursuant to Chapter 403.087 of the Florida Statutes (F.S.) and Chapters 62-4, 62-210, 62-212, 62-296, and 62-297 of the Florida Administrative Code (F.A.C.).

*The Florida Department of Environmental Protection (DEP) has permitting jurisdiction for this project pursuant to Section 403.087 of the Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the DEP recognizes the Palm Beach County Health Department (Health Department) as the approved local air pollution control program in Palm Beach County. As such, the DEP and the Health Department have entered into a Specific Operating Agreement that authorizes the Health Department to issue or deny permits for this type of air pollution source located in Palm Beach County. Accordingly, the Health Department issues this permit under the provisions of Chapter 403, F.S. and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.).*

A person whose substantial interests are affected by the Department's permitting decision may petition for an administrative hearing in accordance with sections 120.569 and 120.57, F.S. The petition must contain the information set forth below and must be filed (received) in the Palm Beach County Health Department Legal Office, located at 800 Clematis Street in West Palm Beach, Florida, 33401 (Telephone: (561) 671-4000, Fax (561) 837-5195). Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this final permit. A petitioner must 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, F.A.C.

A petition that disputes the material facts on which the permitting authority'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 each 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;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action; and,
- (g) A statement of the relief sought by the petitioner, stating precisely the action petitioner wishes the agency to take with respect to the agency's proposed action.

A petition that does not dispute the material facts upon which the permitting authority'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, F.A.C.

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 final permit. 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 for this action.

Any party to this Order (Permit) has the right to seek judicial review pursuant to Section 120.68, F.S., by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure with the Health Department at the address listed below 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 of Appeal must be filed within 30 days from the date this Order (Permit) is filed with the Clerk of the Health Department.

Executed in West Palm Beach, Florida  
PALM BEACH COUNTY HEALTH DEPARTMENT



James E. Stormer, Q.E.P., Environmental Administrator  
Air & Waste Section  
Division of Environmental Public Health

For any questions, contact:

Laxmana Tallam, P.E.  
Air Permit Supervisor  
Air & Waste Section  
Palm Beach County Health Department  
P.O. Box 29 (800 Clematis Street)  
West Palm Beach, Florida, 33402-0029

**CERTIFICATE OF SERVICE**

The undersigned duly designated agency clerk hereby certifies that the Notice of Permit and the Final Permit were sent by electronic mail (with received receipt) before the close of business on 2/18/2011 to the permittee.

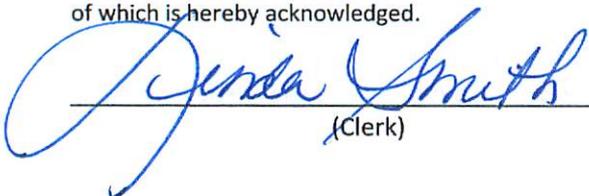
In addition, the undersigned duly designated deputy agency clerk hereby certifies that *copies* of these documents were sent by electronic email (with received receipt) on the same date to the following persons:

**Lennon Anderson, P.E.**  
Southeast District Office - DEP  
400 North Congress Avenue  
West Palm Beach, Florida, 33401  
[Lennon.Anderson@dep.state.fl.us](mailto:Lennon.Anderson@dep.state.fl.us)

**Mary Archer**  
Project Manager  
Florida Power and Light Company  
JES/JP, 700 Universe Blvd.  
Juno Beach, FL 33408  
[mary.archer@fpl.com](mailto:mary.archer@fpl.com)

**Jason Massey**  
Materials Management Supervisor  
PSD/OSF  
2455 Port West Blvd  
West Palm Beach, FL 33407  
[Jason.massey@fpl.com](mailto:Jason.massey@fpl.com)

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

  
\_\_\_\_\_  
(Clerk)

2/18/2011  
\_\_\_\_\_  
(Date)



Rick Scott  
Governor

**FEBRUARY 18, 2011**  
**Electronic Correspondence**  
[D.K.Keith.White@fpl.com](mailto:D.K.Keith.White@fpl.com)

**AIR POLLUTION OPERATION PERMIT**

**ISSUED TO:**

*Permittee:*

Florida Power & Light Company  
2445 Port West Blvd.  
West Palm Beach, FL 33407

<b>ARMS No.:</b> 0990123
<b>Permit No:</b> 0990123-010-AO
<b>Issued:</b> February 18, 2011
<b>Expires:</b> February 17, 2016

*Authorized Representative:*

Keith White – General Manager, T & D Operations

*Note: A renewal application must be submitted by December 26, 2015.*

**Facility:** Martin Oil Storage Facility and Physical Distribution Center, Southwest Corner of I-95 and SR-710  
Riviera Beach, FL 33407 [SIC: 4911 - An electrical service]

**UTM:** Zone 17; 589.7 km E ; 2961.2 km N; Latitude. 26° 46' 08" N; Longitude. 80° 05' 49" W

**Directions:** Located on the southwest corner of I-95 and SR 710.

**STATEMENT OF BASIS:**

The Palm Beach County Health Department (Health Department) issues this permit under the provisions of Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4 through 62-297 the Florida Administrative Code (F.A.C.). The Florida Department of Environmental Protection (DEP) has permitting jurisdiction for this project pursuant to Section 403.087 of the Florida Statutes (F.S.). However, in accordance with Section 403.182, F.S., the DEP recognizes the Palm Beach County Health Department (Health Department) as the approved local air pollution control program in Palm Beach County. As such, the DEP and the Health Department have entered into a Specific Operating Agreement that authorizes the Health Department to issue or deny permits for this type of air pollution source located in Palm Beach County. The above named permittee is authorized to operate the facility in accordance with the conditions of this permit and as described in the application, approved drawings, plans, and other documents on file with the Health Department.

**ISSUED BY:**

*Executed in West Palm Beach, Florida*  
PALM BEACH COUNTY HEALTH DEPARTMENT

James E. Stormer, Q.E.P., Environmental Administrator  
Air & Waste Section  
Division of Environmental Public Health

**SECTION I. SUMMARY INFORMATION**

**FACILITY DESCRIPTION**

The source consists of various co-located operations conducted by the Florida Power and Light Company. It is classified as a synthetic non-Title V source of air pollution based on the design capacity of the equipment and the limits and restrictions of the federally-enforceable air pollution construction permits 0990123-001-AC and 0990123-006-AC.

Emissions Units 001 and 002 are regulated activities that are subject to emission limitations, recordkeeping and reporting requirements. The units include two small steam-generating units (12.5 mmBtu/hr, each) that are used to produce steam for a heat exchanger that warms fuel oil prior to transfer via an underground pipeline to either the Martin or Riviera Power Plants. Specific conditions of this permit limit the types and sulfur content of the allowable fuels as well as the potential sulfur dioxide emissions. These are existing units under the federal New Source Performance Standards (NSPS) and are not subject to the requirements of 40 CFR 60 Subpart Dc.

Emissions Unit 005 is a regulated activity that is subject to recordkeeping and reporting requirements as part of the synthetic minor status of the source. The activity includes the storage and handling of volatile organic liquids (VOL) such as Distillate fuel oil, No. 6 Fuel Oil, and Mineral Oil, which are used to fire Emissions Units 001 and 002. The two large tanks are existing units under the federal New Source Performance Standards (NSPS) and are not subject to the requirements of 40 CFR 60 Subpart K through Kb. The equipment and activities include the following:

- Two (2) 500,000 barrel Aboveground Storage Tank (AST) -#6 Fuel Oil;
- One (1) 5,000 barrel Aboveground Storage Tank (AST) -Mineral Oil;
- One (1) 478 gallon Aboveground Storage Tank (AST) –Distillate Oil;

Emissions Unit 006 activities are unregulated and considered exempt sources of air pollution. The activities include the storage and handling of gasoline and diesel fuels, stationary and portable internal combustion engines, non-RACT surface coating activities, enclosed abrasive blasting, non-halogenated/non-RACT solvent cleaning, wood grinding *{Updated list based on the application received January 18, 2011}*.

Emission source/Activity	Located at
Laboratory Activities associated with Physical and Chemical Analyses [CSE bldg.]	Bldg M
One 110, 000 barrel Aboveground Storage Tank (AST) - Purge Tank;	Martin Terminal
Two Fuel Dispensing Pumps (Gasoline & Diesel);	Fuel Island by Bldg A1
One 4,669 Gallon Dual Compartment Horizontal Aboveground Storage Tank (AST) - 1569 Gasoline and 3100 Diesel;	Fuel Island by Bldg A1 Yard Area
Three 6,0000 gallons AST – Used Mineral Oil	Bldg A
One 6,000 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Customer Service Bldg M
Two 1,000 gallon Aboveground Storage Tank (AST) - Diesel Tank;	PDC Warehouse Bldg B
Two 500 gallon Aboveground Storage Tank (AST) - Diesel Tank -	Radio Shop Bldg L/Bldg A
One 350 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Corporate Records Bldg D
One 300 gallon Aboveground Storage Tank (AST) - Diesel Tank;	N/A
One 250 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Martin Terminal
One 100 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Radio Tower, Martin Terminal
Two 500 gallon Aboveground Storage Tank (AST) - Propane Tank;	Radio Shop Bldg L
One 120 gallon Aboveground Storage Tank (AST) - Propane Tank;	Non Destruction Examination Bldg F
One 1,250 kW Emergency Diesel Generator;	Customer Service Bldg M
One 400 kW Emergency Diesel Generator;	Administration Bldg
Two 200 kW Emergency Diesel Generators;	Bldg B2 PDC Warehouse/Bldg L Radio Shop
One 175 kW Emergency Diesel Generator;	Bldg D Corporate Records
One 150 kW Emergency Diesel Generator;	PDC Warehouse Bldg B "A"
One 125 kW Emergency Diesel Generator;	Warehouse Bldg B "B"
One 105 kW Emergency Diesel Generator;	Martin Terminal
One 100 kW Emergency Diesel Generator;	Martin Terminal
One 100 kW Emergency Propane Generator;	Radio Tower
One 65 kW Emergency Propane Generator;	PDC Nuclear NDE Lab Bldg F
Two 19 kW Emergency Propane Generators;	Bldg A-1
One 190 HP Diesel Fire Pump;	Martin Terminal
Four Enclosed Glass Bead Blast Machines;	
Non-RACT Surface Coating Operations (less than 6 gallons per day);	
Non-RACT/Non-Halogenated Solvent Cleaning (Parts Washers);	
Wood Grinding Operations	

**SECTION I. SUMMARY INFORMATION**

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<b>Emission source/Activity</b>	<b>Located at</b>
Laboratory Activities associated with Physical and Chemical Analyses [CSE bldg.]	Bldg M
One 110, 000 barrel Aboveground Storage Tank (AST) - Purge Tank;	Martin Terminal
Two Fuel Dispensing Pumps (Gasoline & Diesel);	Fuel Island by Bldg A1
One 4,669 Gallon Dual Compartment Horizontal Aboveground Storage Tank (AST) - 1569 Gasoline and 3100 Diesel;	Fuel Island by Bldg A1 Yard Area
Three 6,0000 gallons AST – Used Mineral Oil	Bldg A
One 6,000 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Customer Service Bldg M
Two 1,000 gallon Aboveground Storage Tank (AST) - Diesel Tank;	PDC Warehouse Bldg B
Two 500 gallon Aboveground Storage Tank (AST) - Diesel Tank -	Radio Shop Bldg L/Bldg A
One 350 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Corporate Records Bldg D
One 300 gallon Aboveground Storage Tank (AST) - Diesel Tank;	N/A
One 250 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Martin Terminal
One 100 gallon Aboveground Storage Tank (AST) - Diesel Tank;	Radio Tower, Martin Terminal
Two 500 gallon Aboveground Storage Tank (AST) - Propane Tank;	Radio Shop Bldg L
One 120 gallon Aboveground Storage Tank (AST) - Propane Tank;	Non Destruction Examination Bldg F
One 1,250 kW Emergency Diesel Generator;	Customer Service Bldg M
One 400 kW Emergency Diesel Generator;	Administration Bldg
Two 200 kW Emergency Diesel Generators;	Bldg B2 PDC Warehouse/Bldg L Radio Shop
One 175 kW Emergency Diesel Generator;	Bldg D Corporate Records
One 150 kW Emergency Diesel Generator;	PDC Warehouse Bldg B "A"
One 125 kW Emergency Diesel Generator;	Warehouse Bldg B "B"
One 105 kW Emergency Diesel Generator;	Martin Terminal
One 100 kW Emergency Diesel Generator;	Martin Terminal
One 100 kW Emergency Propane Generator;	Radio Tower
One 65 kW Emergency Propane Generator;	PDC Nuclear NDE Lab Bldg F
Two 19 kW Emergency Propane Generators;	Bldg A-1
One 190 HP Diesel Fire Pump;	Martin Terminal
Four Enclosed Glass Bead Blast Machines;	
Non-RACT Surface Coating Operations (less than 6 gallons per day);	
Non-RACT/Non-Halogenated Solvent Cleaning (Parts Washers);	
Wood Grinding Operations	

**SECTION I. SUMMARY INFORMATION**

Emissions Unit 007 wire reclaim furnace was shut down August 7th, 2006.

**PERMIT HISTORY**

02-15-78: Construction Permits (AC50-4803 and AC50-4804) issued for Boiler Nos. 1 and 2.  
03-24-80: Operation Permit Application received Boiler No. 1.  
06-11-80: Operation Permit Application received Boiler No. 1.  
06-04-85: Operation Permit Renewal (AO50-104082) for Boiler Nos. 1 and 2.  
04-19-90: Department issued renewal permits AO50-178226 and AO50-178227 for the two boilers.  
01-05-95: Construction Permit (AC50-255516) for the Initial Wire Reclaim Furnace.  
01-05-95: Air construction permit issued for the aluminum sweat furnace. (AC50-255517).  
02-01-95: Permit Modification for the Sweat Furnace (AC50-255517).  
02-01-95: Permit Modification for the Wire Reclaim Furnace (AC50-255516).  
07-13-95: Construction permit (099-0123-001-AC) for reclassification to a synthetic (for SO2), non-Title V, minor source.  
12-30-95: Operation Permit (099-0123-002-AO) issued incorporating 099-0123-001-AC.  
11-30-95: Permit Modification (099-0123-003-AC) for the Aluminum Sweat Furnace (AC50-25517).  
09-03-99: Construction Permit (099-0123-004-AC) for the Wire Reclaim Furnace (New Unit).  
07-18-00: Permit Modification (099-0123-005-AC) for the Wire Reclaim Furnace (099-0123-004-AC).  
12-06-00: Permit Modification (099-0123-006-AC) for the Wire Reclaim Furnace (099-0123-005-AC).  
04-25-01: Operation Permit Renewal Application (099-0123-007-AO) received from the facility.  
04-29-01: Operation Permit (099-0123-007-AO) issued to the facility.  
02-27-06: Operation Permit Renewal Application (099-0123-008-AO) was received from the facility.  
03-24-06: Operation Permit Renewal Application (099-0123-008-AO) was deemed complete.  
08-31-10: Construction Permit Application (099-0123-009-AC) was received from facility.  
**01-18-11: Operation Permit Renewal Application (099-0123-010-AO) was received from facility.**

**REGULATORY CLASSIFICATION**

Title III: The facility is not a major source of hazardous air pollutants (HAPs).  
Title IV: The facility will not operate units subject to the acid rain provisions of the Clean Air Act.  
Title V: The facility is not a Title V major source of air pollution in accordance with Chapter 213, F.A.C.  
RACT: The facility is not subject to RACT.  
PSD: The facility is not classified as a PSD minor source in accordance with RULE 62-212.400 F.A.C.  
NSPS: The facility is not subject to any requirements of 40 CFR 60.  
NESHAP: The facility is subject to the requirements of 40 CFR Part 63 Subpart ZZZZ, "National Emission Standard for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines" and 40 CFR 61, Subpart M, Asbestos.

**RULE APPLICABILITY**

The facility is located in Palm Beach County, an area designated as "maintenance" for the pollutant ozone and attainment for all other criteria pollutants in accordance with Rule 62-204.340, F.A.C. The facility is not subject to review under Rule 62-212.400 F.A.C., Prevention of significant deterioration (PSD) because the new source is considered "minor" for the purpose of PSD regulations (having a potential to emit less than 100 tons per year of pollutant). The facility is subject to the following air pollution control provisions:

- F.A.C. Chapter 62-4 - Permitting Requirements
- F.A.C. Chapter 62-204 - Ambient Air Quality Requirements, PSD increments, and federal Regulations Adopted by Reference.
- F.A.C. Chapter 62-210 - Required Permits, Public Notice, Reports, Stack Height Policy, Circumvention, Excess Emissions, and Forms
- F.A.C. Chapter 62-212 - General Preconstruction Review Requirements, PSD Requirements.
- F.A.C. Chapter 62-296 - General Pollutant Emission Limiting Standards.
- F.A.C. Chapter 62-297 - Test Methods
- F.A.C. Chapter 62-256 - Open Burning and Frost Protection Fires.
- F.A.C. Chapter 62-257 - Asbestos Program

**SECTION I. SUMMARY INFORMATION**

**PERMIT CONTENT**

- Section I: Facility Information
- Section II: Facility-Wide Specific Conditions
- Section III: Emissions Unit Specific Conditions
- Section IV: Appendices
  - Appendix A:* General Permit Conditions
  - Appendix B:* Citation Format
  - Appendix C:* Test Procedures
  - Appendix D:* On-Specification Used Oil Fuel Requirements

**EMISSIONS UNITS SUMMARY**

This permit addresses the following emissions units:

<b>EMISSIONS UNIT No.</b>	<b>EMISSIONS UNIT DESCRIPTION</b>
001	Fossil fuel-fired steam generating unit (boiler) with a design heat input of 12.5 mmBTU/hour
002	Fossil fuel-fired steam generating unit (boiler) with a design heat input of 12.5 mmBTU/hour
003	Shut Down – Wire Reclaim Furnace
004	Shut Down – Aluminum Sweat Furnace
005	Fuel Storage Tanks
006	Miscellaneous Support Equipment
007	Shut Down – United Group Model W-3000-HT Wire Reclaim Furnace

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

### 1.0 ADMINISTRATIVE REQUIREMENTS

- 1.1 Regulating Agencies: All applications, reports, tests, and notifications shall be submitted to the Air Pollution Control Section of the Palm Beach County Health Department (Health Department) at P.O. Box 29 (800 Clematis Street), West Palm Beach, Florida, 33402-0029, and phone number (561) 837-5900. **[Specific Operating Agreement]**
- 1.2 General Permit Conditions: The owner and operators shall be aware of, and operate under, the attached General Permit Conditions listed in **Appendix A** of this permit. General Permit Conditions are binding and enforceable pursuant to Chapter 403 of the Florida Statutes. **[Rule 62-4.160, F.A.C.]**
- 1.3 Citation Format: The format for citing applicable regulations is provided in **Appendix B** of this permit.
- 1.4 Application for Operation Permit: The permittee shall **apply for a renewal permit at least 60 days prior to the expiration of this operation permit**. The application shall include: the Short Form Application **[DEP Form No. 62-210.900(3)]**; the correct application processing fee; all required test reports; and a summary of any changes or substitutions to the original equipment, processes, fuels, controls, etc. When the renewal application is timely and sufficient, the existing permit shall remain in effect until final action is taken by the Health Department. **[Rules 62-4.090 and 62-210.900, F.A.C.]**
- 1.5 Applicable Regulations: This facility is subject to the following regulations: Chapters 62-4, 62-210, 62-212, 62-296, and 62-297, F.A.C. Issuance of this permit does not relieve the facility owner or operator from compliance with any applicable federal, state, or local permitting requirements or regulations. **[Rule 62-210.300(2), F.A.C. and the SOA]**

### 2.0 EMISSION LIMITING AND PERFORMANCE STANDARDS

- 2.1 General VOC Standards: The owner or operator shall not store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds (VOC) or organic solvents without applying known and existing vapor emission control devices or systems. This includes: **[Rule 62-296.320(1), F.A.C.]**
- Regular inspection and maintenance of piping, valves, flanges, tanks, and containers used for storage and transfer of organic liquids in order to minimize fugitive VOC emissions.
  - When not in use, directing solvent-containing materials to containers that prevent evaporation.
- 2.2 Objectionable Odors: No person shall cause, suffer, allow or permit the discharge of air pollutants which cause or contribute to an objectionable odor. **[Rule 62-296.320(2), F.A.C.]**
- Note: An objectionable odor is defined 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 62-210.200, F.A.C.]*
- 2.3 General Visible Emissions Standard: Unless otherwise specified by permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere any air pollutants from new, or existing emissions units, the opacity of which is equal to or greater than 20 percent. **[Rule 62-296.320(4)(b), 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: **[Rule 62-296.320(4)(c), F.A.C.]**
- Paving and maintenance of roads, parking areas and yards.
  - Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.
  - Application of asphalt, water, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.
  - 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.
  - Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

- Confining abrasive blasting where possible.
- Enclosure or covering of conveyor systems.

*Note: Facilities that cause frequent, valid complaints will be required by the Health Department to take these or other reasonable precautions. In determining what constitutes reasonable precautions for a particular facility, the Health Department shall consider the cost of the control technique or work practice, the environmental impacts of the technique or practice, and the degree of reduction of emissions expected from a particular technique or practice.*

### 3.0 OPERATION AND MAINTENANCE REQUIREMENTS

- 3.1 **Changes/Modifications:** The owner or operator shall submit to the Health Department for review any changes in, or modifications to: the method of operation; process or pollution control equipment; increase in hours of operation; equipment capacities; or any change which would result in an increase in potential emissions. Depending on the size and scope of the modification, it may be necessary to submit an application for, and obtain, an air construction permit prior to making a desired change. *Routine maintenance of equipment would not constitute a modification of this permit.* [Rules 62-4.030, 62.4-070(3) and 62-210.300(1), F.A.C.]
- 3.1 **Plant Operations:** If 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 notify the Health Department as soon as possible, but at least within (1) working day, excluding weekends and holidays. The notification shall include: pertinent information, as to the cause of the problem; the steps being taken to correct the problem and prevent future recurrence; and where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release permittee from any liability for failure to comply with the conditions of this permit and the regulations. [Rule 62-4.130, F.A.C.]
- 3.3 **Circumvention:** The owner or operator shall not circumvent air pollution control equipment/methods or allow the emission of air pollutants without the equipment/methods operating properly. [Rule 62-210.650, F.A.C.]
- 3.4 **Excess Emissions Requirements** [Rule 62-210.700, F.A.C.]
- (a) Excess emissions resulting from start-up, shutdown or malfunction of these emissions units shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized, but in no case exceed two hours in any 24 hour period unless specifically authorized by the Health Department for longer duration. [Rule 62-210.700(1), F.A.C.]
  - (b) 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 start-up, shutdown, or malfunction are prohibited. [Rule 62-210.700(4), F.A.C.]
  - (c) In case of excess emissions resulting from malfunctions, the owner or operator shall notify the Air Pollution Control Section of the Palm Beach County Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the problem; and the corrective actions being taken to prevent recurrence. [Rule 62-210.700(6), F.A.C.]

### 4.0 COMPLIANCE MONITORING REQUIREMENTS

- 4.1 **Duration:** Unless otherwise specified, all records and reports required by this permit shall be kept for at least 3 years from the date the information was recorded to verify the facility's status as a synthetic minor source under the PSD and Title V Operating Permit Programs. [Rule 62-4.070(3), F.A.C.]
- 4.2 **Test Procedures** shall meet all applicable requirements of the Chapter 62-297, F.A.C. See **Appendix C** of this permit for a summary of these requirements. [Rule 62-297.100, F.A.C.]
- 4.3 **Operational Rate During Testing:** Unless otherwise stated in the applicable emission limiting standard for a rule, testing of emissions shall be conducted with the emissions unit operating at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. If it is impracticable to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so

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## SECTION II. FACILITY-WIDE SPECIFIC CONDITIONS

limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity. [Rule 62-297.310(2), F.A.C.]

- 4.4 Stack Testing Facilities: The owner or operator shall maintain permanent stack testing facilities in accordance with **Rule 62-297.310(6), F.A.C.** These requirements are summarized in **Appendix C** of this permit.
- 4.5 Test Notification: The owner or operator shall notify the Health Department, in writing, at least **15 days prior** to the date on which each formal compliance test is to begin, of the test date, the expected test time, the location of the test, the facility contact person responsible for coordinating the test, and the person or company conducting test. The 15 day notification requirement may be waived at the discretion of the Health Department. Likewise, if circumstances prevent testing during the test window specified for the emissions unit, the owner or operator may request an alternate test date **before** the expiration of this window. [Rule 62-297.310(7)(a)9., F.A.C.]
- 4.6 Special Compliance Tests: When the Health 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 contained in a DEP rule or permit 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 Health Department. [Rule 62-297.310(7)(b), F.A.C.]
- 4.7 Record Availability: The owner or operator shall keep all records and logs on site at the facility and available to the Health Department for inspection [Construction Permit 099-0123-001-AC]

### 5.0 REPORTS REQUIRED

- 5.1 Annual Operations Report: The annual operating report shall be submitted to the Palm Beach County Health Department's air pollution control office by April 1st of each year. If the report is submitted using the Florida Department of Environmental Protection's electronic annual operating report software, there is no requirement to submit a copy The Palm Beach County Health Department. [Rule 62-210.370(3)(c), F.A.C.]
- 5.2 Excess Emissions Report: If excess emissions occur, the owner or operator shall notify the Air Compliance Section of the Health Department within one working day of: the nature, extent, and duration of the excess emissions; the cause of the excess emissions; and the actions taken to correct the problem. In addition, the Health Department may request a written summary report of the incident. [Rules 62-4.130 and 62-210.700(6), F.A.C.]
- 5.3 Emission Compliance Stack Test Reports: For each required emissions compliance test, a report indicating the results of the test shall be filed with the Health Department as soon as practical, **but no later than 45 days** after the last sampling run is completed. The report shall provide sufficient detail on the tested emissions unit and the procedures used to allow the Health Department to determine if the test was properly conducted and if the test results were properly computed. At a minimum, the test report shall provide the applicable information listed in **Rule 62-297.310(8)(c)**, F.A.C. and summarized in **Appendix C** of this permit. Additional report information may be specified for a given group of emissions units in this permit. [Rule 62-297.310(8), F.A.C.]

### 6.0 WASTE REQUIREMENTS

- 6.1 Waste Disposal: The owner or operator shall treat, store, and dispose of all liquid, solid, and hazardous wastes in accordance with all applicable Federal, State, and Local regulations. This air pollution permit **does not** preclude the permittee from securing any other types of required permits, licenses, or certifications.

**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

**GROUP A: This portion of the permit addresses the following group of emissions units:**

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
001	Fossil fuel-fired steam generating unit (boiler) with a design heat input of 12.5 mmBTU/hour.
002	Fossil fuel-fired steam generating unit (boiler) with a design heat input of 12.5 mmBTU/hour.

*{Permitting Note: These boilers provide steam to a heat exchanger which warms fuel oil prior to transfer via an underground pipeline to the Martin or Riviera Power Plants. A small boiler BACT determination was not made for these boilers since Construction Permit 0990123-001-AC established the maximum fuel oil sulfur content and an annual sulfur dioxide emissions limitation.}*

**OPERATING RESTRICTIONS**

*{Permitting note(s): The operating restrictions which are identified as “Not Federally Enforceable” have been placed in the permit to identify the capacity of the unit for purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit’s rated capacity, to establish emission limits, and to aid in determining future rule applicability.}*

**A.1 Permitted Capacity:** The permittee shall not allow, cause, suffer, or permit the operation of the units in excess of the following capacities without prior authorization from the Permitting Authority: **[Rules 62-4.160(2), 62-210.200(231) and 62-210.300, F.A.C.]**

- (a) Heat Input: 12.5 mmBtu/hr (3-hour average). [Not Federally Enforceable]

*{Permitting note(s): Prior authorization includes the issuance of construction, reconstruction, or modification permits or a determination by the Permitting Authority that the action is not subject to Rule 62-210.300(1), F.A.C.}*

**A.2 Methods of Operation:** The permittee shall not allow, cause, suffer or permit any change in the method(s) of operation resulting in increased short-term or long-term emissions, without prior authorization from the Permitting Authority. The authorized methods of operation include the following: **[Rules 62-4.160(2), 62-210.200(231) and 62-210.300, F.A.C.]**

- (a) Steam Generator Operation: The permittee is authorized to operate the emissions units as fossil fuel fired steam generators. **[Construction Permit 0990123-001-AC]**
- (b) Fuels: The permittee is authorized to fire No. 6 residual oil containing no more than 2.5% sulfur by weight; and on-specification mineral oils and No. 2 Fuel oil containing no more than 0.5% sulfur by weight and less than 50 ppm of polychlorinated biphenyls (PCBs). **Appendix D** of this permit specifies the contaminant and constituent limits for on-specification used oil fuels (mineral oil), as well as notification, sampling, analysis, and record keeping requirements for this fuel type.
- (c) Hours of Operation: The boilers are authorized to operate continuously 8760 hours per year. **[Construction Permit 0990123-001-AC]**
- (d) Fuel Consumption Limits:
  - (I) If both boilers burn only No. 6 fuel oil with the maximum sulfur content of 2.5% sulfur by weight, then no more than 438,000 gallons shall be consumed during any consecutive (12) month period, rolling total.
  - (II) If both boilers burn only No. 2 fuel oil (or on-specification used mineral oil) with a maximum sulfur content of 0.5% sulfur by weight, then no more than 1,610,088 gallons shall be consumed during any consecutive (12) month period, rolling total.
  - (III) If the boilers burn a combination of fuels with varying sulfur contents, the operator shall use the Monthly Summary Log of potential SO<sub>2</sub> emissions to adjust the current fuel consumption rate and fuel type in order to meet the potential SO<sub>2</sub> emission limiting standard of this permit. **[Construction Permit 0990123-001-AC]**

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

**EMISSION LIMITATIONS AND STANDARDS**

- A.3. Visible Emissions:** The permittee shall not cause, suffer, allow, or permit visible emissions from each boiler exhaust stack that exceed 20% opacity based on a six-minute average except for one, two minute period per hour during which the opacity shall not exceed 40%. **[Construction Permit 0990123-001-AC]**
- A.4. Sulfur Dioxide Emissions:** The combined potential sulfur dioxide emissions from the two boilers shall not exceed 90.00 tons in any consecutive (12) month period, rolling total. Compliance shall be determined by the recordkeeping requirements of this permit. **[Construction Permit 099-0123-001-AC]**
- A.5. Excess Emissions:** Excess visible emissions from the boilers are allowed in accordance with **Condition II.3.4** of this permit and for existing fossil fuel steam generators, excess emissions resulting from boiler cleaning (soot blowing) and load change are permitted provided the duration of such excess emissions shall not exceed 3 hours in any 24-hour period and visible emissions shall not exceed (60) percent opacity, and provided best operational practices to minimize emissions are adhered to; and the duration of excess emissions shall be minimized. **[Rule 62-210.700(3), F.A.C.]**  
*{Permitting Note: A load change occurs when the operational capacity of a unit is in the 10 percent to 100 percent capacity range, other than startup or shutdown, which exceeds 10 percent of the unit's rated capacity and which occurs at a rate of 0.5 percent per minute or more.}*
- A.6. Fuel Oil Sulfur Content:** The permittee shall not allow the firing of on-spec. used mineral oil or fuel oil with a sulfur content greater than 0.5 percent by weight. **[Construction Permit 0990123-001-AC]**

**TEST METHODS AND PROCEDURES**

- A.7. Visible Emissions:** All visible emissions tests performed pursuant to the requirements of this permit shall comply with the following provisions:
- (a) Test Method:** The test method for visible emissions shall be EPA Reference Method 9, Rule 62-297.401(9), F.A.C., and the required minimum period of observation for a compliance test shall be sixty (60) minutes. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. **[Construction Permit 099-0123-001-AC and Rule 62-297.310(4)(a)2., F.A.C.]**
  - (b) Test Procedures:** Each test shall be conducted while burning No. 6 fuel oil, unless No. 6 fuel oil was burned for less than 400 hours during the previous (12) months. Test procedures shall meet all applicable requirements of Chapter 62-297, F.A.C. **[Construction Permit 099-0123-001-AC and Rule 62-297.410(4), F.A.C.]**
- A.8. Fuel Oil Sulfur Content:** All fuel oil sulfur content tests performed pursuant to the requirements of this permit shall be determined using **ASTM D129-91, ASTM D2662-94, or ASTM D4294-90**, Rule 62-297.440(1)(h), (1)(i), or (1)(j), F.A.C. Copies of the documents are available from ASTM. **[Rule 62-297.401, F.A.C. and Construction Permit 0990123-001-AC]**
- A.9. Waiver of Compliance Test Requirements:** For fuel oil sulfur content, the Permitting Authority may waive the compliance test requirement of **condition III.A.10(b)**, unless a Special Compliance test is required under Rule 62-297.310(7)(b), F.A.C., provided the permittee complies with **condition III.B.2.** of this permit and maintains copies of the fuel purchase records for review by the Permitting Authority: **[Construction Permit No. 099-0123-001-AC and Rule 62-297.310(7)(c), F.A.C.]**

**COMPLIANCE DEMONSTRATIONS AND PERIODIC MONITORING**

- A.10. Compliance Demonstrations:** The permittee shall have a formal compliance test conducted for the emissions unit annually during each federal fiscal year (October 1 – September 30), unless otherwise specified by rule, order, or permit, for the following pollutants: **[Rule 62-297.310(7), F.A.C.]**
- (a)** Visible Emissions; and
  - (b)** Fuel Oil Sulfur Content.
- A.11. Fuel Flow Monitoring:** In accordance with the manufacturer's recommendations, the permittee shall install, calibrate, maintain, and operate a fuel flow meter with a totalizer for each boiler to continuously record the

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

gallons of fuel consumed. The monitoring equipment shall be on line and functioning properly during boiler operation. **[Construction Permit 0990123-001-AC]**

**A.12. Boiler Fuel Consumption Log:** For each boiler fuel flow meter, the operator shall maintain a written log including the following information: **[Construction Permit 0990123-001-AC]**

- (a) At the beginning of each month, record: the date, the time fuel was first burned, the initial allowable fuel type, the fuel sulfur content, and the initial totalizer reading on fuel flow meter.
- (b) Prior to switching allowable fuels or altering the sulfur content of the current fuel, record: the date, the time, the new fuel type, the new sulfur content, and the totalizer reading on the flow meter.
- (c) At the end of each month, record: the date, the time, and final totalizer reading on fuel flow meter.
- (d) For any calibrations, adjustments, repairs, and maintenance performed on the fuel flow meters, record the date and a brief summary.

**A.13. Monthly SO<sub>2</sub> Emissions Log:** By the tenth day of each month, the permittee shall calculate and record the following information regarding the previous month of operation in a written log:

**[Construction Permit 099-0123-001-AC]**

- (a) Total fuel consumption of both boilers for each combination of allowable fuel type and sulfur content.
- (b) Calculated combined potential emissions of sulfur dioxide from both boilers in tons per month, to the nearest hundredth of a ton.
- (c) Calculated combined potential emissions of sulfur dioxide from both boilers in tons per consecutive (12) months, rolling total, to the nearest hundredth of a ton.

*{Permitting Note: Potential emissions of sulfur dioxide shall be based on: the sulfur content of the fuel from the corresponding fuel analysis; the maximum density of the fuel given below; the consumption of each fuel type with a given sulfur content based on data from the fuel flow meters; and the conservative assumption that (2.0) pounds of sulfur dioxide are generated per pound of sulfur in the fuel. For calculation purposes, the maximum density for an allowable fuel type defined as follows:*

**(1)** 8.21 pounds per gallon for No. 6 fuel oil.

**(2)** 7.21 pounds per gallon for No. 2 fuel oil and on-specification used mineral oil.}

**A.14. Visible Emissions Test Reports:** Test reports for each boiler shall include the following items:

**[Construction Permit 0990123-001-AC]**

- (a) *Visible Emissions Observation Form; Observer Certification;* Fuel analysis indicating type and sulfur content of fuel burned during test; Quantity (gallons) of fuel burned during test; Calculated heat input rate boiler during test in MMbtu/hour; Highest and second highest (6) minute average opacity; and Highest (2) minute average opacity.

**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

**GROUP B: This portion of the permit addresses the following group of emissions units:**

EMISSIONS UNIT NO.	EMISSIONS UNIT DESCRIPTION
005	Volatile Organic Liquid Storage Tanks including the following: 500,000 BBL (21 million gallons) fuel oil storage tank; No. 6 fuel oil; 500,000 BBL (21 million gallons) fuel oil storage tank; No. 6 fuel oil; 5000 BBL (210,000 gallons) fuel oil storage tank; on-specification, used mineral oil; and 478 gallon fuel oil storage tank; distillate oil.

*{Permitting Note: These storage tanks are associated with the sulfur dioxide emissions cap on Emissions Unit Nos. 001 and 002. The conditions contained in this permit provide a practical restriction on the method of operation and are considered federally enforceable (Construction Permit 099-0123-001-AC).}*

**OPERATING RESTRICTIONS**

*{Permitting note(s): The operating restrictions which are identified as “Not Federally Enforceable” have been placed in the permit to identify the capacity of the unit for purposes of confirming that emissions testing is conducted within 90 to 100 percent of the unit’s rated capacity, to establish emission limits, and to aid in determining future rule applicability.}*

**B.1 Hours of Operation:** The storage tanks are authorized to operate continuously (8760 hours per year).  
**[Construction Permit 0990123-001-AC]**

**TEST METHODS AND PROCEDURES**

**B.2. Fuel Sampling:** To provide reasonable assurance of the sulfur contents for fuels which may be burned in the boilers, the owner or operator shall perform the following sampling and analysis: **[Construction Permit No. 0990123-001-AC]**

- (a) For Each Delivery: After each delivery of fuel oil to the storage tanks, the owner or operator shall determine the final sulfur content of the of the stored fuel by taking a representative sample and having it analyzed.
- (b) For the 5000 BBL and the 478 gallon fuel oil tanks, the above requirement (a) to sample and analyze after each delivery is not necessary, provided:
  - (i) Only fuels containing no more than 0.5% sulfur by weight are stored and added. The results of sampling and analysis, as delivered, are maintained on site in the Storage Tank Fuel Log.
  - (ii) Fuel from these tanks burned in the boilers is assumed to contain the maximum of 0.5% sulfur by weight, OR
  - (iii) The new sulfur content of the stored fuel is calculated from: the quantity and sulfur content of the fuel oil stored in the tank before delivery and the quantity and sulfur content of the fuel oil delivered to the tank.

**B.3. Fuel Oil Sulfur Content:** All fuel oil sulfur content tests performed pursuant to the requirements of this permit shall be determined using **ASTM D129-91, ASTM D2662-94, or ASTM D4294-90** , Rule 62-297.440(1)(h), (1)(i), or (1)(j), F.A.C. Copies of the documents are available from ASTM. **[Rule 62-297.401, F.A.C. and Construction Permit 0990123-001-AC]**

**B.4 On-Specification Used Mineral Oil Fuel:** On-specification used mineral oil which meets the requirements defined in **Appendix D** of this permit shall be stored in the 5000 BBL fuel tank prior to burning in the boilers.  
**[Construction Permit No. 099-0123-001-AC]**

**RECORDKEEPING**

**B.5. Storage Tank Fuel Log:** The permittee shall record and keep the following information in a written log on site at the facility and shall be made available to the Health Department during inspection:  
**[Construction Permit No. 0990123-001-AC]**

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

**(a) For Each Delivery:**

- (I) If the sulfur content is to be determined by on-site sampling and analysis, the log shall also include the actual fuel analysis report, indicating the sulfur content in percent by weight, to the nearest tenth of a percent.
- Date.
  - Type and quantity of fuel delivered to each tank.
  - Party taking the sample and performing the analysis.
  - Method of analysis.
  - Results of analysis.
- (II) If the sulfur content of the stored fuel is assumed to be the maximum of 0.5% sulfur by weight for fuels stored in the 5000 BBL or 478 gallon fuel tanks, the log shall also include the fuel analysis report, as delivered, indicating the sulfur content in percent by weight, to the nearest hundredth of a percent.
- (III) If the sulfur content of the stored fuel is to be determined by calculation for fuels stored in the 5000 BBL or 478 gallon fuel tanks, the following information shall also be included:
- Current information on stored fuel, prior to new delivery, including the sulfur content in percent by weight (to the nearest hundredth of a percent) and the current quantity (gallons) of fuel stored in tank.
  - The fuel analysis report for the new fuel, as delivered, including the sulfur content in percent by weight (to the nearest hundredth of a percent) and the quantity of fuel (gallons) delivered to tank.
  - Calculations for the resulting mixed fuel, after delivery, indicating the final sulfur content in percent by weight (to the nearest hundredth of a percent) and the new quantity (gallons) of fuel stored in tank.
- (b)** For on-specification used mineral oil, the results of all analyses or the basis for determining that the used mineral oil meets the requirements for "on-specification" used oil. (**Appendix D** defines the requirements for used oil fuels.)

**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

**GROUP C. This portion of the permit addresses the following group of emissions units:**

EU	EMISSIONS UNIT DESCRIPTION		
006	Miscellaneous operations and activities, exempt from permitting by rule. [EXEMPT UNIT]		
	<i>Fuel Storage Tanks</i>	<i>Emergency Generators</i>	<i>Others</i>
	One 110,000 barrel Aboveground Storage Tank (AST)-Purge Tank; Two Fuel Dispensing Pumps (Gasoline & Diesel); One 4,669 Gallon Dual Compartment Horizontal Aboveground Storage Tank (AST) - 1569 Gasoline and 3100 Diesel; Three 6,000 gallons AST – Used Mineral Oil One 6,000 gallon (AST)-Diesel Tank; Two 1,000 gallon (AST)-Diesel Tank; Two 500 gallon (AST)-Diesel Tank; One 350 gallon (AST)-Diesel Tank; One 300 gallon (AST)-Diesel Tank; One 250 gallon (AST)-Diesel Tank; One 100 gallon (AST)-Diesel Tank; Two 500 gallon (AST)-Propane Tank; One 120 gallon (AST)-Propane Tank	One 1,250 kW Diesel Generator; One 400 kW Diesel Generator; Two 200 kW Diesel Generators; One 175 kW Diesel Generator; One 150 kW Diesel Generator; One 125 kW Diesel Generator; One 105 kW Diesel Generator; One 100 kW Diesel Generator; One 100 kW Propane Generator; One 65 kW Propane Generator; Two 19 kW Propane Generators; One 190 HP Diesel Fire Pump;	- Laboratory Activities associated with Physical and Chemical Analyses [CSE bldg.]  -Four Enclosed Glass Bead Blast Machines ;  -Non-RACT Surface Coating Operations (less than 6 gallons per day);  -Non-RACT/Non-Halogenated Solvent Cleaning (Parts Washers);  -Wood Grinding Operations

*{Permitting Note: This equipment has been identified as either an activity exempt by rule from the requirement to obtain an air pollution permit or has been determined to emit negligible amounts of air pollutants.*

**RULE APPLICABILITY**

**C.1. NESHAP Subpart ZZZZ:** The generators and the fire pumps at the facility are subject to the applicable Requirements of **40 CFR Part 63 Subpart ZZZZ** ‘National Emission Standards for Hazardous Air Pollutants for Reciprocating Internal Combustion Engines’ Regulations. **The facility must comply with Subpart ZZZZ by no later than May 3, 2013.**  
**[40 CFR 63 Subpart ZZZZ]**

**OPERATING RESTRICTIONS**

**C.2. Hours of Operation:** Each fire pump engine or generator may operate up to 100 hours per year for maintenance checks and readiness testing purposes. There are no operating limitations on generators or fire pump engines during emergency usage. **[Rule 40 CFR 63.6640(f)]**

**EMISSION LIMITING AND PERFORMANCE STANDARDS**

**C.3. Fuel Usage:** The facility shall comply with the following usage limits in order to maintain the permit exemption status for the emission sources. **[Rules 62-4.070(3), and 62-210.300, F.A.C.]**

(a) Surface Coating Operations: For all coatings and thinners containing greater than 5.0 percent volatile organic compounds associated with the surface coating activities, the total quantity shall not exceed 6 gallons per day averaged monthly. **[Rule 62-210.300(3)(a)27. F.A.C.]**

(b) Emergency Generators and Diesel Fire Pumps: Total fuel consumption by all generators shall not exceed 32,000 gallons per year of diesel, 4.4 million standard cubic feet of propane, or an equivalent prorated amount if multiple fuels are used. **[Rule 62-210.300(3)(a)35., and 36. F.A.C.]**

**C.4. Operating Requirements for the Generators and the Fire pumps:** The generators and the fire pumps must meet the following requirements, except during periods of startup. **[40 CFR 6603(a) and Table 2d of the Subpart ZZZZ]**

- (a) Change oil and filter every 500 hours of operation or annually, whichever comes first<sup>1</sup>;
- (b) Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; and
- (c) Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

*{<sup>1</sup> Sources have the option to utilize an oil analysis program as described in 40 CFR 63.6625(i) in order to extend the specified oil change requirement.*

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**SECTION III. EMISSIONS UNIT SPECIFIC CONDITIONS**

- (c) During periods of startup the facility must minimize the engine's time spent at idle and minimize the engine's startup time at startup to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission limitations apply. **[40 CFR 63.6625(h)]**

*{Note. If an emergency engine is operating during an emergency and it is not possible to shut down the engine in order to perform the management practice requirements in Section III, C.3. of this permit, or if performing the management practice on the required schedule would otherwise pose an unacceptable risk under Federal, State, or local law, the management practice can be delayed until the emergency is over or the unacceptable risk under Federal, State, or local law has abated. The best management practices should be performed as soon as practicable after the emergency has ended or the unacceptable risk under Federal, State, or local law has abated. Sources must report any failure to perform the management practice on the schedule required and the Federal, State or local law under which the risk was deemed unacceptable.}*

- C.5. Monitoring Requirements for emergency generators and fire pumps:** The owner or operator shall develop the operating and maintenance logs and records and shall comply with the requirements as prescribed below.

- (a) The facility must comply with emission limitations and operating limitations, and must operate and maintain the emergency generators and fire pump engines, including air pollution control and monitoring equipment, in a manner consistent with good air pollution control practices for minimizing emissions at all times, including during startup, shutdown, and malfunction. **[40 CFR 63.6605(b)]**
- (b) The facility must operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop a maintenance plan which must provide to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions. **[40 CFR 63.6625(e)]**
- (c) The emergency stationary RICE with a site rating [maximum manufacturer's design capacity at engine site conditions] of less than or equal to 500 brake HP shall be installed with a non-resettable hour meter if one is not already installed. **[40 CFR 66.6625(f)]**

**RECORD KEEPING REQUIREMENTS**

- C.6. Records:** The permittee shall maintain records of the following:

- (a) **Surface Coating Operations:** The permittee shall maintain sufficient documentation to demonstrate compliance with the coating and solvent usage restriction of **condition III.C.3.(a)** of this permit.
- (b) **Emergency Generators and Diesel Fire Pump:** The permittee shall maintain sufficient documentation to demonstrate compliance with the fuel usage restriction of **condition III.C.3.(b) and C.5.(a)(b)(c)(d)** of this permit.
- (c) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment. **[40 CFR 63.6655(a)(2)]**
- (d) Records of all required maintenance performed on the air pollution control and monitoring equipment. **[40 CFR 63.6655(a)(4)]**
- (e) The permittee must keep records of the maintenance conducted on the stationary RICE in order to demonstrate that the permittee operated and maintained the stationary RICE and after-treatment control device (if any) according to facility's maintenance plan. **[40 CFR 63.6655(e)]**

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**SECTION IV. APPENDICES**

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<b>APPENDIX</b>	<b>DESCRIPTION</b>
A	General Conditions
B	Citation Format
C	General Testing Requirements
D	On-Specification Used Oil Fuel Requirements

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**SECTION IV. APPENDIX A**  
GENERAL CONDITIONS [RULE 62-4.160, F.A.C.]

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- G.1 The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.161, 403.727, or 403.859 through 403.861, Florida Statutes. 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.
- G.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 or exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
- G.3 As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey and 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 or approval of any other Department permit that may be required for other aspects of the total project which are not addressed in the permit.
- G.4 This permit conveys no title to land or water, does not constitute State recognition or acknowledgment of title, and does 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.
- G.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.
- G.6 The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed or 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.
- G.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 a reasonable time, access to the premises, where the permitted activity is located or conducted to:
- (a) Have access to and copy and records that must be kept under the conditions of the permit.
  - (b) Inspect the facility, equipment, practices, or operations regulated or required under this permit.
  - (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.

- G.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 non-compliance.
  - (b) The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the non-compliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the non-compliance.

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.

- G.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 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 403.73 and 403.111, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

**SECTION IV. APPENDIX A**  
GENERAL CONDITIONS [RULE 62-4.160, F.A.C.]

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- G.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.
- G.11 This permit is transferable only upon Department approval in accordance with Florida Administrative Code 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.
- G.12 This permit or a copy thereof shall be kept at the work site of the permitted activity.
- G.13 This permit also constitutes:
- (a) Determination of Best Available Control Technology. *(Not Applicable)*
  - (b) Determination of Prevention of Significant Deterioration. *(Not applicable)*
  - (c) Compliance with New Source Performance Standards. *(Not applicable)*
- G.14 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 or 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.
- G.15 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 that 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.

**SECTION IV. APPENDIX B**  
CITATION FORMAT

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**ABBREVIATIONS AND ACRONYMS**

<b>°F</b>	- Degrees Fahrenheit
<b>DEP</b>	- State of Florida, Department of Environmental Protection
<b>DARM</b>	- Division of Air Resource Management
<b>EPA</b>	- United States Environmental Protection Agency
<b>F.A.C.</b>	- Florida Administrative Code
<b>F.S.</b>	- Florida Statute
<b>SOA</b>	- Specific Operating Agreement
<b>UTM</b>	- Universal Transverse Mercator
<b>CFR</b>	- Code of Federal Regulations

**RULE CITATIONS**

*The following examples illustrate the methods used in this permit to abbreviate and cite the references of rules, regulations, permit numbers, and identification numbers.*

Florida Administrative Code (F.A.C.) Rules:

<i>Example:</i>	<b>[Rule 62-213.205, F.A.C.]</b>
<i>Where:</i>	62 - refers to Title 62 of the Florida Administrative Code (F.A.C.)
	62-213 - refers to Chapter 62-213, F.A.C.
	62-213.205 - refers to Rule 62-213.205, F.A.C.

Facility Identification (ID) Number:

<i>Example:</i>	Facility ID No.: 099-0001
<i>Where:</i>	099 - 3 digit number indicates that the facility is located in Palm Beach County
	0221 - 4 digit number assigned by state database identifies specific facility

New Permit Numbers:

<i>Example:</i>	099-2222-001-AC or 099-2222-001-AV
<i>Where:</i>	AC - identifies permit as an Air Construction Permit
	AV - identifies permit as a Title V Major Source Air Operation Permit
	099 - 3 digit number indicates that the facility is located in Palm Beach County
	2222 - 4 digit number assigned by state database identifies specific facility
	001 - 3 digit sequential number assigned by the state database identifies specific permit project

Old Permit Numbers:

<i>Example:</i>	AC50-123456 or AO50-123456
<i>Where:</i>	AC - identifies permit as an Air Construction Permit
	AO - identifies permit as an Air Operation Permit
	123456 - 6 digit number assigned by state database identifies specific permit

**SECTION IV. APPENDIX C**  
GENERAL TESTING REQUIREMENTS

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**62-297.310 General Compliance Test Requirements.**

The focal point of a compliance test is the stack or duct which vents process and/or combustion gases and air pollutants from an emissions unit into the ambient air.

- (1) **Required Number of Test Runs.** For mass emission limitations, a compliance test shall consist of three complete and separate determinations of the total air pollutant emission rate through the test section of the stack or duct and three complete and separate determinations of any applicable process variables corresponding to the three distinct time periods during which the stack emission rate was measured; provided, however, that three complete and separate determinations shall not be required if the process variables are not subject to variation during a compliance test, or if three determinations are not necessary in order to calculate the unit's emission rate. The three required test runs shall be completed within one consecutive five-day period. In the event that a sample is lost or one of the three runs must be discontinued because of circumstances beyond the control of the owner or operator, and a valid third run cannot be obtained within the five-day period allowed for the test, the Secretary or his or her designee may accept the results of two complete runs as proof of compliance, provided that the arithmetic mean of the two complete runs is at least 20% below the allowable emission limiting standard.
- (2) **Operating Rate During Testing.** Unless otherwise stated in the applicable emission limiting standard rule, testing of emissions shall be conducted with the emissions unit operation at permitted capacity as defined below. If it is impractical to test at permitted capacity, an emissions unit may be tested at less than the minimum permitted capacity; in this case, subsequent emissions unit operation is limited to 110 percent of the test load until a new test is conducted. Once the unit is so limited, operation at higher capacities is allowed for no more than 15 consecutive days for the purpose of additional compliance testing to regain the authority to operate at the permitted capacity.
  - (a) **Combustion Turbines.** (Reserved)
  - (b) **All Other Sources.** Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit.
- (3) **Calculation of Emission Rate.** The indicated emission rate or concentration shall be the arithmetic average of the emission rate or concentration determined by each of the three separate test runs unless otherwise specified in a particular test method or applicable rule.
- (4) **Applicable Test Procedures.**
  - (a) **Required Sampling Time.**
    1. Unless otherwise specified in the applicable rule, the required sampling time for each test run shall be no less than one hour and no greater than four hours, and the sampling time at each sampling point shall be of equal intervals of at least two minutes.
    2. **Opacity Compliance Tests.** When either EPA Method 9 or DEP Method 9 is specified as the applicable opacity test method, the required minimum period of observation for a compliance test shall be sixty (60) minutes for emissions units which emit or have the potential to emit 100 tons per year or more of particulate matter, and thirty (30) minutes for emissions units which have potential emissions less than 100 tons per year of particulate matter and are not subject to a multiple-valued opacity standard. The opacity test observation period shall include the period during which the highest opacity emissions can reasonably be expected to occur. Exceptions to these requirements are as follows:
      - a. For batch, cyclical processes, or other operations which are normally completed within less than the minimum observation period and do not recur within that time, the period of observation shall be equal to the duration of the batch cycle or operation completion time.
      - b. The observation period for special opacity tests that are conducted to provide data to establish a surrogate standard pursuant to Rule 62-297.310(5)(k), F.A.C., Waiver of Compliance Test Requirements, shall be established as necessary to properly establish the relationship between a proposed surrogate standard and an existing mass emission limiting standard.
      - c. The minimum observation period for opacity tests conducted by employees or agents of the Department to verify the day-to-day continuing compliance of a unit or activity with an applicable opacity standard shall be twelve minutes.

**SECTION IV. APPENDIX C**  
GENERAL TESTING REQUIREMENTS

- (b) Minimum Sample Volume. Unless otherwise specified in the applicable rule, the minimum sample volume per run shall be 25 dry standard cubic feet.
- (c) Required Flow Rate Range. For EPA Method 5 particulate sampling, acid mist/sulfur dioxide, and fluoride sampling which uses Greenburg Smith type impingers, the sampling nozzle and sampling time shall be selected such that the average sampling rate will be between 0.5 and 1.0 actual cubic feet per minute, and the required minimum sampling volume will be obtained.
- (d) Calibration of Sampling Equipment. Calibration of the sampling train equipment shall be conducted in accordance with the schedule shown in Table 297.310-1.
- (e) Allowed Modification to EPA Method 5. When EPA Method 5 is required, the following modification is allowed: the heated filter may be separated from the impingers by a flexible tube.

**TABLE 62-297.310-1 CALIBRATION SCHEDULE**

ITEM	MINIMUM CALIBRATION FREQUENCY	REFERENCE INSTRUMENT	TOLERANCE
Thermometers, liquid in glass	Annually	ASTM Hg in glass reference thermometer or equivalent thermometric points.	(+/-) 2%
Thermometer, bimetallic	Quarterly	Calibrated liquid in glass thermometer.	5°F
Thermocouple	Annually	ASTM Hg in glass reference thermometer; NBS calibrated reference and potentiometer.	5°F
Barometer	Monthly	Hg barometer, or NOAA station.	(+/-) 1% scale
Pitot Tube	1. When required 2. When damaged	By construction or measurements or wind tunnel D greater than 16" and standard pitot tube.	See EPA Method 2, Figures 2-2 and 2-3.
Probes Nozzles	1. Before each test, or 2. When nicked, dented, or corroded.	Micrometer	(+/-) 0.001" mean of at least (3) readings. Maximum allowed deviation between readings is 0.004".
Dry gas and orifice meters	1. Full scale when received; Annually when 5% change observed. 2. One point semi-annually 3. Check after each test series.	Spirometer of calibrated wet test or dry gas test meter.	2%
		Comparison check.	5%

- (5) Determination of Process Variables.
  - (a) Required Equipment. The owner or operator of an emissions unit for which compliance tests are required shall install, operate, and maintain equipment or instruments necessary to determine process variables, such as process weight input or heat input, when such data are needed in conjunction with emissions data to determine the compliance of the emissions unit with applicable emission limiting standards.
  - (b) Accuracy of Equipment. Equipment or instruments used to directly or indirectly determine process variables, including devices such as belt scales, weight hoppers, flow meters, and tank scales, shall be calibrated and adjusted

**SECTION IV. APPENDIX C**  
GENERAL TESTING REQUIREMENTS

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to indicate the true value of the parameter being measured with sufficient accuracy to allow the applicable process variable to be determined within 10% of its true value.

- (6) Required Stack Sampling Facilities. Sampling facilities include sampling ports, work platforms, access to work platforms, electrical power, and sampling equipment support. All stack sampling facilities must meet any Occupational Safety and Health Administration (OSHA) Safety and Health Standards described in 29 CFR Part 1910, Subparts D , E.

*{Note: For a complete specification of the required stack sampling facilities, please contact the Health Department.}*

- (7) Frequency of Compliance Tests. The following provisions apply only to those emissions units that are subject to an emissions limiting standard for which compliance testing is required.

(a) General Compliance Testing.

1. The owner or operator of a new or modified emissions unit that is subject to an emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining an operation permit for such emissions unit.
2. For excess emission limitations for particulate matter specified in Rule 62-210.700, F.A.C., a compliance test shall be conducted annually while the emissions unit is operating under soot blowing conditions in each federal fiscal year during which soot blowing is part of normal emissions unit operation, except that such test shall not be required in any federal fiscal year in which a fossil fuel steam generator does not burn liquid and/or solid fuel for more than 400 hours other than during startup.
3. The owner or operator of an emissions unit that is subject to any emission limiting standard shall conduct a compliance test that demonstrates compliance with the applicable emission limiting standard prior to obtaining a renewed operation permit. Emissions units that are required to conduct an annual compliance test may submit the most recent annual compliance test to satisfy the requirements of this provision. In renewing an air operation permit pursuant to Rule 62-210.300(2)(a)3.b., c., or d., F.A.C., the Department shall not require submission of emission compliance test results for any emissions unit that, during the year prior to renewal:
  - a. Did not operate; or
  - b. In the case of a fuel burning emissions unit, burned liquid and/or solid fuel for a total of no more than 400 hours.
4. During each federal fiscal year (October 1 -- September 30), unless otherwise specified by rule, order, or permit, the owner or operator of each emissions unit shall have a formal compliance test conducted for:
  - a. Visible emissions, if there is an applicable standard;
  - b. Each of the following pollutants, if there is an applicable standard, and if the emissions unit emits or has the potential to emit: 5 tons per year or more of lead or lead compounds measured as elemental lead; 30 tons per year or more of acrylonitrile; or 100 tons per year or more of any other regulated air pollutant; and
  - c. Each NESHAP pollutant, if there is an applicable emission standard.
5. An annual compliance test for particulate matter emissions shall not be required for any fuel burning emissions unit that, in a federal fiscal year, does not burn liquid and/or solid fuel, other than during startup, for a total of more than 400 hours.
6. For fossil fuel steam generators on a semi-annual particulate matter emission compliance testing schedule, a compliance test shall not be required for any six-month period in which liquid and/or solid fuel is not burned for more than 200 hours other than during startup.
7. For emissions units electing to conduct particulate matter emission compliance testing quarterly pursuant to Rule 62-296.405(2)(a), F.A.C., a compliance test shall not be required for any quarter in which liquid and/or solid fuel is not burned for more than 100 hours other than during startup.
8. Any combustion turbine that does not operate for more than 400 hours per year shall conduct a visible emissions compliance test once per each 5-year period, coinciding with the term of its air operation permit.

**SECTION IV. APPENDIX C**  
GENERAL TESTING REQUIREMENTS

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9. The owner or operator shall notify the Department, at least 15 days prior to the date on which each formal compliance test is to begin, of the date, time, and place of each such test, and the test contact person who will be responsible for coordinating and having such test conducted for the owner or operator.
  10. An annual compliance test conducted for visible emissions shall not be required for units exempted from permitting at Rule 62-210.300(3)(a), F.A.C., or units permitted under the General Permit provisions at Rule 62-210.300(4)(a)1. through 7., F.A.C.
- (b) 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 contained in a Department rule 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.
- (c) Waiver of Compliance Test Requirements. If the owner or operator of an emissions unit that is subject to a compliance test requirement demonstrates to the Department, pursuant to the procedure established in Rule 62-297.620, F.A.C., that the compliance of the emissions unit with an applicable weight emission limiting standard can be adequately determined by means other than the designated test procedure, such as specifying a surrogate standard of no visible emissions for particulate matter sources equipped with a bag house or specifying a fuel analysis for sulfur dioxide emissions, the Department shall waive the compliance test requirements for such emissions units and order that the alternate means of determining compliance be used, provided, however, the provisions of Rule 62-297.310(7)(b), F.A.C., shall apply.
- (8) Test Reports.
- (a) The owner or operator of an emissions unit for which a compliance test is required shall file a report with the Department on the results of each such test.
  - (b) The required test report shall be filed with the Department as soon as practical but no later than 45 days after the last sampling run of each test is completed.
  - (c) The test report 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. As a minimum, the test report, other than for an EPA or DEP Method 9 test, shall provide the following information:
    1. The type, location, and designation of the emissions unit tested.
    2. The facility at which the emissions unit is located.
    3. The owner or operator of the emissions unit.
    4. 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.
    5. 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.
    6. 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.
    7. A sketch of the duct within 8 stack diameters upstream and 2 stack diameters downstream of the sampling ports, including the distance to any upstream and downstream bends or other flow disturbances.
    8. The date, starting time and duration of each sampling run.
    9. The test procedures used, including any alternative procedures authorized pursuant to Rule 62-297.620, F.A.C. Where optional procedures are authorized in this chapter, indicate which option was used.
    10. The number of points sampled and configuration and location of the sampling plane.
    11. For each sampling point for each run, the dry gas meter reading, velocity head, pressure drop across the stack, temperatures, average meter temperatures and sample time per point.
    12. The type, manufacturer and configuration of the sampling equipment used.
    13. Data related to the required calibration of the test equipment.
    14. Data on the identification, processing and weights of all filters used.
    15. Data on the types and amounts of any chemical solutions used.

**SECTION IV. APPENDIX C**  
GENERAL TESTING REQUIREMENTS

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16. Data on the amount of pollutant collected from each sampling probe, the filters, and the impingers, are reported separately for the compliance test.
17. The names of individuals who furnished the process variable data, conducted the test, analyzed the samples and prepared the report.
18. All measured and calculated data required to be determined by each applicable test procedure for each run.
19. The detailed calculations for one run that relate the collected data to the calculated emission rate.
20. 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.
21. A certification that, to the knowledge of the owner or his authorized agent, all data submitted are true and correct. When a compliance test is conducted for the Department or its agent, the person who conducts the test shall provide the certification with respect to the test procedures used. The owner or his authorized agent shall certify that all data required and provided to the person conducting the test are true and correct to his knowledge.

**SECTION IV. APPENDIX D**  
**ON-SPECIFICATION USED OIL FUEL REQUIREMENTS**

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**1.0 ACCEPTABLE LEVELS FOR ON-SPECIFICATION USED OIL FUELS**

- 1.1 The boilers at this facility may burn only used mineral oil for energy recovery which meets the EPA requirements for "on-specification" used oil fuels as defined in the following table: **[40 CFR 279.11]**

Table 1: *Used Oil Not Exceeding Any Specification Level Is Not Subject to This Part When Burned for Energy Recovery<sup>1</sup>*

<b>Constituent/Property</b>	<b>Allowable Level</b>
Arsenic	5 ppm, maximum
Cadmium	2 ppm, maximum
Chromium	10 ppm, maximum
Lead	100 ppm, maximum
Flash point	100°F, minimum
Total halogens <sup>3</sup>	1,000 ppm, maximum <sup>2</sup>

- <sup>1</sup> The specification does not apply to mixtures of used oil and hazardous waste that continue to be regulated as hazardous waste (see 40 CFR 279.10(b)).
- <sup>2</sup> 40 CFR 279.11 actually lists a maximum of 4,000 ppm of halogens. However, used oil fuels containing more than 1,000 ppm of total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under 279.10(b)(1). Hazardous wastes shall not be burned at this facility.
- <sup>3</sup> Applicable standards for the burning of used oil containing PCBs are imposed by 40 CFR 761.20(e).

Once used oil that is to be burned for energy recovery has been shown not to exceed any of the above specifications and the person making that showing complies with 40 CFR 279.72 , 279.73, and 279.74(b), the used oil is no longer subject to this part. **[40 CFR 279.11]**

- 1.2 Used Oils Containing PCBs: Any fuels containing 50 ppm or more of PCBs are prohibited from being burned at this facility. However, the boilers may burn on-specification used mineral oil containing less than 50 ppm of polychlorinated biphenyls (PCBs), *provided:* **[40 CFR 279.61 and 40 CFR 761.20(e)]**
- (a) PCB-containing fuel shall not be burned during periods of start up nor shut down.
  - (b) PCB-containing fuel shall only be burned at normal boiler operating temperatures.
  - (c) Fuels shall not be blended to meet this requirement.

- 1.3 Sulfur Content: On-specification used mineral oil shall contain no more than 0.5% sulfur by weight. **[F.A.C. 62-4.070]**

**2.0 NOTIFICATION REQUIREMENTS**

- 2.1 The owner or operator shall comply with the applicable registration, notification, and reporting requirements of **40 CFR 279.73, 40 CFR 279.75, 40 CFR 761.20(e)**, and **F.A.C 62-710.500**. All registrations, notifications, and reports required by these regulations shall be sent to Used Oil Coordinator, Hazardous Waste Management Section, Bureau of Solid and Hazardous Waste, Department of Environmental Protection, 2600 Blair Stone Road, Tallahassee, Florida, 32399-2400.

**SECTION IV. APPENDIX D**  
**ON-SPECIFICATION USED OIL FUEL REQUIREMENTS**

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**3.0 TESTING REQUIREMENTS**

3.1 Sampling and Analysis: The owner or operator shall sample and analyze each delivery of used oil fuel received and each quantity that is generated on site for burning in accordance with the tests methods specified below. **[40 CFR 279.72(a) and F.A.C.62-4.070(3)]**

Constituent / Property	Acceptable Test Methods
Arsenic	EPA SW-846 (3050/7060), (3040/6010)*
Cadmium	EPA SW-846 (3050/7130), (3040/6010)*
Chromium	EPA SW-846 (3050/7190), (3040/6010)*
Lead	EPA SW-846 (3050/7420), (3040/6010)*
Total Halogens	EPA SW-846 ( ---- /9075), ASTM D808, modified
Flash Point	EPA SW-846 ( ---- /1010)
Polychlorinated Biphenyls (PCBs)	EPA SW-846 (8081)
Sulfur Content	ASTM 4057-88, ASTM D129-91, D2622-92, or ASTM D4294-90

\* For samples with negligible water and sediment.

NOTE: Other equivalent extraction and analytical test methods may be used.

**4.0 RECORD KEEPING REQUIREMENTS**

4.1 On-Specification Used Oil Fuel Records: The owner or operator shall keep a record of each delivery of on-specification used oil fuel. Records for each delivery shall include the following information: **[40 CFR 279.74(b)]**

- (a) The name and address of the facility receiving the shipment.
- (b) The quantity of used oil fuel delivered.
- (c) The date of shipment or delivery.
- (d) A cross-reference to the record of used oil analysis or other information used to make the determination that the oil meets the "on-specification" requirements of 40 CFR 279.11, as required under 279.72(a).

4.2 Record Retention: The owner or operator shall keep copies of used oil fuel analyses (or other information used to make the determination) for three years. All records shall be kept on site at the facility and available for inspection by the Health Department. **[40 CFR 279.72(b) and 40 CFR 279.74(c)]**