United States Air Force
Cape Canaveral Air Force Station

Facility ID No. 0090005
Brevard County

Title V Air Operation Permit Renewal

Permit No. 0090005-011-AV
(Renewal of Title V Air Operation Permit No. 0090005-010-AV)

Permitting Authority:

State of Florida
Department of Environmental Protection
Air Resource Management, Central District

3319 Maguire Boulevard, Suite 232
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Compliance Authority:

State of Florida
Department of Environmental Protection
Air Resource Management, Central District

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PROPOSED PERMIT

PERMITTEE:
United States Air Force
45 SW/CC, 1201 Edward H. White II Street
Patrick Air Force Base, FL 32925-3299

Permit No. 0090005-011-AV
Cape Canaveral Air Force Station (AFS)
Facility ID No. 0090005
Title V Air Operation Permit Renewal

The purpose of this permit is to renew the Title V air operation permit for the above referenced facility. The existing Cape Canaveral AFS is located in Brevard County at 45 CES/CEAN, 1224 Jupiter Street, Patrick Air Force Base, Florida. UTM Coordinates are: Zone 17, 538.66 East and 3143.65 North. Latitude is: 28˚25′07.3614″ North; and, Longitude is: 80˚36′19.0473″ West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

Effective Date: TBD
Renewal Application Due Date: TBD
Expiration Date: TBD

(Proposed)

_____

Caroline D. Shine
Air Program Administrator

CDS/jr/ng

Subsection A. Facility Description.

Cape Canaveral Air Force Station (CCAFS) is an Air Force installation that occupies approximately 15,800 acres and provides space launch capability for defense, civil, and commercial satellites in support of the 45th Space Wing mission, Eastern Range, and Department of Defense operations.

Subsection B. Summary of Emissions Units.

EU No.	Brief Description
Regulated Emissions Units	
018	CCAFS Paint Spray Booth #1
019	CCAFS Boiler #3 (Cleaver Brooks)
020	CCAFS Boiler #4 (Cleaver Brooks)
045	CCAFS Abrasive Blasting Yard #2
052	CCAFS Paint Spray Booth #5 and CCAFS Abrasive Blasting Booth #1
053	CCAFS Boiler #7 (Donlee Technology)
054	CCAFS Boiler #8 (Donlee Technology)
058	CCAFS I.C. Engine Driven Chiller
062	CCAFS Facility-wide I. C. Engines and Generators using No. 2 Fuel Oil , JP-8, biodiesel, and other distillate fuels
064	CCAFS Abrasive Blasting Yard #4
069	CCAFS Five (5) Diesel Fired Boilers (each <2.0 MMBTU/hr.) using No. 2 Fuel Oil with sulfur content 0.5 percent or less, JP-8, biodiesel, and other distillate fuels
Unregulated Emissions Units and Activities	
059	CCAFS Unregulated Abrasive Blasting Yard #U1
061	CCAFS Unregulated Abrasive Blasting Yard #U2
063	CCAFS Facility-wide I. C. Engines and Generators using Gasoline

Subsection C. Applicable Regulations.

Based on the recent Title V air operation permit renewal application received July 29, 2011, this facility is a minor source of hazardous air pollutants (HAP). The facility is considered to be an Area Source of HAPS with regard to the Federal RICE (Reciprocating Internal Combustion Engines) Regulations. Some of the engines may be subject to 40 CFR Part 60, Subpart IIII or 40 CFR Part 63, Subpart ZZZZ. Please see Appendix ICE of this permit to see the applicability for a specific engine. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
40 CFR Part 60, Subpart A and 40 CFR Part 60, Subpart IIII	-062
40 CFR Part 63, Subpart A and 40 CFR Part 63, Subpart ZZZZ	-062
40 CFR Part 63, Subpart A and 40 CFR Part 63, Subpart JJJJJJ	-069
State Rule Citations (Rules 62-210, 62-213, 62-296.320, 62-297, F.A.C.)	Facility

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. **Not federally Enforceable.** Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "objectionable odor" means 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) and 62-210.200(Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to 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. To comply, procedures to minimize pollutant emissions shall include the following:

a) tightly cover or close all VOC containers when they are not in use;
b) tightly cover, where possible, all open troughs, basins, baths, tanks, etc. when they are not in use;
c) maintain all piping, valves, fittings, etc. in good operating condition;
d) prevent excessive air turbulence across exposed VOC's; and
e) immediately confine and clean up spills of VOC containing materials.

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

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b)1, F.A.C.]

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW5. Annual Operating Report. The permittee shall submit an annual report that summarizes the actual operating rates and emissions from this facility. Annual operating reports shall be submitted to the Compliance Authority by **April 1st** of each year. [Rule 62-210.370(3), F.A.C.]

FW6. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm. [Rule 62-213.205, F.A.C.]

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit within 60 days after the end of each calendar year during which the Title V permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (3)(b), F.A.C.]

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If and when the facility becomes subject to 112(r), the permittee shall:
a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.
[40 CFR 68]

FW9. Title V Air Operation Permit Renewal. At least **225 days prior** to the expiration date of this operation permit, the permittee shall submit to the Central District office, four copies of the appropriate air permit application, DEP Form No. 62-210.900(1).
[Rule 62-213.420(a)2., F.A.C.]

Subsection A. Steam Boilers

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-019	CCAFS Boiler #3 (Cleaver Brooks, Model No. CB-100-102)-Boiler is used for temperature and humidity control.
-020	CCAFS Boiler #4 (Cleaver Brooks, Model No. CB-100-102)-Boiler is used for temperature and humidity control.
-053	CCAFS Boiler #7 (Donlee Technology, Model No. SPW-80-N/2-14883)-Boiler is used for temperature and humidity control.
-054	CCAFS Boiler #8 (Donlee Technology, Model No. SPW-80-N/2-14883)-Boiler is used for temperature and humidity control.

Essential Potential to Emit (PTE) Parameters

A.1. Permitted Capacity. The maximum annual (consecutive twelve months) heat input rate is as follows:

EU No.	Combined Natural Gas Usage for Boilers	Fuel Type
-019, -020, -053, -054	205 MMSCF	Natural Gas

[Rules 62-4.160(2), 62-204.800, 62-210.200(PTE), 62-296.406, F.A.C.; Applicant's request in Title V permit application received July 29, 2011]

A.2. Methods of Operation. Each boiler is allowed to fire natural gas only.
[Rule 62-213.410, F.A.C.; Permit No. 0090005-008-AC]

A.3. Hours of Operation. These emissions units may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A.4. Visible Emissions. Visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%. [Rule 62-296.406(1), F.A.C.]

Recordkeeping and Reporting Requirements

A.5. Monthly Recordkeeping Requirements. In order to demonstrate compliance with Specific Condition Nos. **A.1.,** the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly
a) Facility Name, Facility ID No. (i.e., 0090005);
b) Month and year of record; and
c) Consecutive 12-month total of fuel usage.

Monthly logs shall be completed by the end of the following month.
[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

Subsection B. Paint Spray Booths

The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-018	CCAFS Paint Spray Booth #1 equipped with dry filters.
-052	CCAFS Paint Spray Booth #5 equipped with dry filters.

Essential Potential to Emit (PTE) Parameters

B.1. Permitted Capacity. The consecutive twelve-month amount of HAP containing materials shall be limited to the amount that equates to the specific HAP emission limitations.
[Rule 62-210.200, (PTE), F.A.C. and Construction Permit No. 0090005-008-AC]

B.2. Permitted Capacity. Regarding emission unit 018, the maximum total VOC utilization rate shall not exceed 21.7 tons per consecutive 12-months, updated monthly.
[Rule 62-210.200, (PTE), F.A.C. and Construction Permit No. 0090005-003-AC]

B.3. Permitted Capacity. Regarding emission unit 052, the maximum permitted VOC utilization rate shall not exceed 3.03 tons/month and 36.3 tons per consecutive 12-months, updated monthly.
[Rule 62-210.200, (PTE), F.A.C. and Construction Permit No. AC05-262376]

B.4. Circumvention. No person shall circumvent any pollution control device or allow the emissions of air pollutants without the applicable air pollution control device operating properly. [Rules 62-210.200, (PTE) and 62-210.650, F.A.C.]

Emission Limitations and Standards

B.5. VOC Emissions Limitations. The maximum total VOC emissions are limited to the following for EU No. 018 and EU No. 052:

EU No.	Pollutant	Emissions (tons per month)	Emissions (tons per any consecutive 12-months)
-018	VOC	N/A	21.7
-052	VOC	3.03	36.3

[Rule 62-210.200(PTE), F.A.C.; Permit No(s). AC05-262376 and 0090005-003-AC]

B.6. HAP Emissions Limitations. The maximum **facility-wide** (all emission units at the facility) HAP emissions are limited to the following:

Pollutant	Emissions (tons per any consecutive 12-months)
Total HAPs	**Less than 24.5**
Single HAPs	**Less than 9.5**

[Rule 62-210.200, (PTE), F.A.C. and Construction Permit No. 0090005-008-AC]

Recordkeeping and Reporting Requirements

B.7. Monthly Recordkeeping Requirements. In order to demonstrate compliance with Specific Conditions **B.1., B.2.**, **B.3.**, **B.5., and B.6.**, the permittee shall maintain a monthly log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly

a) Facility Name, Facility ID No. (i.e., 0090005);
b) Month and year of record;
c) Consecutive 12-months total of VOC/HAP containing materials (chemicals) usage rates;
d) Consecutive 12-months total of total VOC emissions, total HAP emissions, and single HAP emission rates; and
e) Monthly VOC emission rate for EU No 18 and EU No. 052

[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

B.8. Supporting Documentation. Supporting documentation such as Material Safety Data Sheets, purchase orders, etc., shall be kept for each chemical and associated products which includes sufficient information to determine usage rates and emissions. These records shall be made available to the Department upon request. The log and documents shall be kept at the facility for at least five (5) years and made available to the Department. Monthly logs shall be completed by the end of the following month. [Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

B.9. HAP Emissions Calculation. HAP emissions shall be calculated using the latest published version of appropriate EPA AP42 emission factors, other appropriate emission factors, or material balance. [Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

B.10. **Additional Recordkeeping Requirements: Records specified in Specific Condition No. B.7. above, must document the method, calculations, and formulas used in determining the usage rate and the emission rate. All calculations, including those used to derive emissions, must be clearly documented, and may be presented in the form of a template of sample calculations and available for review on site by the Department.**
[Rule 62-4.070(3), F.A.C.]

B.11. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection C. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-045	CCAFS Abrasive Blasting Yard #2 – Outdoor blasting operation.
-052	CCAFS Abrasive Blasting Booth #1 equipped with baghouse to control emissions.
-064	CCAFS Abrasive Blasting Yard #4–Outdoor blasting operation.

Essential Potential to Emit (PTE) Parameters

C.1. Permitted Capacity. The maximum facility-wide sand blasting material rate is 1,400 tons per any consecutive twelve months.
[Rule 62-210.200, (PTE), F.A.C.; Permit No. 0090005-008-AC]

C.2. Hours of Operation. These emissions units may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), F.A.C.]

C.3. Unconfined 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 to prevent emissions of unconfined particulate matter at this facility include, but are not limited to:

a. Abrasive blast media shall be collected at the end of each day's operation; and
b. Make sure equipment is in good working order.

[Rule 62-296.320(4)(c)2., F.A.C.]

Recordkeeping and Reporting Requirements

C.4. Monthly Recordkeeping Requirements. In order to demonstrate compliance with Specific Condition No. **C.1.**, the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly
a) Facility Name, Facility ID No. (i.e., 0090005);
b) Month and year of record;
c) Consecutive 12-month total of sand blasting material rate.

Monthly logs shall be completed by the end of the following month.
[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

Subsection D. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-058	CCAFS I.C. Engine Driven Chiller (Teogen, Inc., Model No. CH-350)–Unit is used for temperature and humidity control.

Essential Potential to Emit (PTE) Parameters

D.1. Permitted Capacity. The maximum fuel usage rate shall not exceed the following:

EU No.	Consecutive 12 months fuel rate	Fuel Type
-058	28,767,840 scf	Natural Gas

[Rules 62-4.160(2), 62-204.800, 62-210.200(PTE), 62-296.406, F.A.C]

D.2. Methods of Operation. The unit is permitted to fire natural gas only.
[Rule 62-213.410, F.A.C.; Permit No. 0090005-008-AC]

D.3. Hours of Operation. This emissions unit may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), F.A.C.]

D.4. Emissions Unit Operating Rate Limitation After Testing. See specific condition No. **D.10.** and the related testing provisions in Appendix TR, Facility-wide Testing Requirements.
[Rule 62-297.310(2), F.A.C.]

Emission Limitations and Standards

D.5. Visible Emissions. Visible emissions shall not exceed 20% opacity except for one two-minute period per hour during which opacity shall not exceed 40%.
[Rule 62-296.406(1), F.A.C.]

Test Methods and Procedures

D.6. Test Methods. Required tests shall be performed in accordance with the following reference methods:

EPA Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources **The test period shall be a minimum of 30 minutes or the length of the batch/cycle**

The above methods are described in 40 CFR 60, Appendix A, and adopted by reference in Rule 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-297.401 and 62-297.310, F.A.C.]

D.7. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit. [Rule 62-297.310, F.A.C.]

D.8. Compliance Tests Prior To Renewal. Compliance tests shall be performed for this emission unit once every 5 years. The tests shall occur prior to obtaining a renewed operating permit to demonstrate compliance with the emission limits in Specific Conditions **D.5.**
[Rules 62-210.300(2)(a) and 62-297.310(7)(a), F.A.C.]

D.9. Test Notification: The permittee shall notify the Compliance Authority, 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 permittee. [Rules 62-4.070(3) and 62-297.310(7)(a)9., F.A.C.]

D.10. Operating Rate Limitation: Testing of emissions shall be conducted with the emissions unit operation at permitted capacity. Permitted capacity is defined as 90 to 100 percent of the maximum operation rate allowed by the permit. 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. [Rule 62-297.310(2), F.A.C.]

D.11 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 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. [Rule 62-297.310(5), F.A.C.]

Recordkeeping and Reporting Requirements

D.12. Monthly Recordkeeping Requirements. In order to demonstrate compliance with Specific Condition Nos. **D.1.**, the permittee shall maintain a log at the facility for a period of at least five (5) years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly
a. Facility Name, Facility ID No. (i.e., 0090005);
b. Month and year of record; and
c. Consecutive 12-month total of fuel consumption.

Monthly logs shall be completed by the end of the following month.
[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

D.13. Reporting Requirement. Reports of the required test report shall be filed with the Air Compliance Authority as soon as practical but no later than 45 days after the last test is completed. [Rule 62-297.310(8)(b), F.A.C.]

D.14. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Subsection E. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-062	CCAFS Facility-wide I. C. Engines and Generators using No. 2 Fuel Oil, JP-8, biodiesel, and other distillate fuels.

Essential Potential to Emit (PTE) Parameters

E.1. Permitted Capacity. The maximum diesel fuel usage shall not exceed 352,000 gallons per any consecutive 12-months.
[Rule 62-210.200 (PTE), F.A.C.; Permit No. 0090005-008-AC]

E.2. Methods of Operation. The engines and generators are permitted to fire no. 2 fuel oil, JP-8, biodiesel, and other distillate fuels.
[Rule 62-210.200 (PTE)]

Recordkeeping and Reporting Requirements

E.3. Monthly Recordkeeping Requirements. In order to demonstrate compliance with Specific Condition No. **E.1.** and **E.2.,** the permittee shall maintain a log at the facility for a period of at least 5 years from the date the data is recorded. The log, at a minimum, shall contain the following:

Monthly

a. Facility Name, Facility ID No. (i.e., 0090005);
b. Month and year of record;
c. Consecutive 12-month total of fuel consumption; and
d. Fuel type.

Monthly logs shall be completed by the end of the following month.
[Rules 62-4.070(3) and 62-213.440(1)(b)2., F.A.C.]

E.5. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

Other Requirements

E.6. Federal Regulatory Requirements: The engines and generators are subject to the following federal regulations as indicated in Appendix ICE (please see Appendix ICE): 40 CFR Part 60, Subpart A-General Provisions, 40 CFR Part 60, Subpart IIII- Standards of Performance for Stationary Compression Ignition Internal Combustion Engines, 40 CFR Part 63, Subpart A-General Provisions, and 40 CFR Part 63, Subpart ZZZZ-National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. The Regulations are adopted by reference in Rule 62-204.800, F.A.C. The conditions are incorporated into this permit (attached and part of this permit-please see Appendix ICE, Appendices E, F, G, and H.)

Subsection F. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
-069	CCAFS Five (5) Diesel Fired Boilers (each <2.0 MMBTU/hr.) using No. 2 Fuel Oil with sulfur content 0.5 percent or less, JP-8, biodiesel, and other distillate fuels

Essential Potential to Emit (PTE) Parameters

F.1. Methods of Operation. The five (5) Diesel Fired Boilers are permitted to fire no. 2 fuel oil with sulfur content 0.5 percent or less, JP-8, biodiesel, and other distillate fuels.
[Rule 62-210.200 (PTE)]

Other Requirements

F.2. Federal Regulatory Requirements: The five (5) Diesel Fired Boilers are subject to the 40 CFR Part 63, Subpart JJJJJJ-National Emission Standards for Hazardous Air Pollutant for Industrial, Commercial, and Institutional Boilers Area. The Regulation has been adopted by reference in Rule 62-204.800, F.A.C. The conditions are incorporated into this permit (attached and part of this permit-please see Appendix J). Some of the applicable requirements listed below:

§ 63.11196 What are my compliance dates?

(a) If you own or operate an existing affected boiler, you must achieve compliance with the applicable provisions in this subpart as specified in paragraphs (a)(1) through (3) of this section.

(1) If the existing affected boiler is subject to a work practice or management practice standard of a tune-up, you must achieve compliance with the work practice or management standard no later than March 21, 2012.

§ 63.11225 What are my notification, reporting, and recordkeeping requirements?

(a) You must submit the notifications specified in paragraphs (a)(1) through (a)(5) of this section to the delegated authority.

(1) You must submit all of the notifications in §§63.7(b): 63.8(e) and (f); 63.9(b) through (e); and 63.9(g) and (h) that apply to you by the dates specified in those sections.

(2) As specified in §63.9(b)(2), you must submit the Initial Notification no later than 120 calendar days after May 20, 2011 or within 120 days after the source becomes subject to the standard.

(3) If you are required to conduct a performance stack test you must submit a Notification of Intent to conduct a performance test at least 60 days before the performance stack test is scheduled to begin.

(4) You must submit the Notification of Compliance Status in accordance with §63.9(h) no later than 120 days after the applicable compliance date specified in §63.11196 unless you must conduct a performance stack test. If you must conduct a performance stack test, you must submit the Notification of Compliance Status within 60 days of completing the performance stack test. In addition to the information required in §63.9(h)(2), your notification must include the following certification(s) of compliance, as applicable, and signed by a responsible official:

(i) "This facility complies with the requirements in §63.11214 to conduct an initial tune-up of the boiler."

(ii) "This facility has had an energy assessment performed according to §63.11214(c)."

(iii) For an owner or operator that installs bag leak detection systems: "This facility has prepared a bag leak detection system monitoring plan in accordance with §63.11224 and will operate each bag leak detection system according to the plan."

(iv) For units that do not qualify for a statutory exemption as provided in section 129(g)(1) of the Clean Air Act: "No secondary materials that are solid waste were combusted in any affected unit."

(5) If you are using data from a previously conducted emission test to serve as documentation of conformance with the emission standards and operating limits of this subpart consistent with §63.7(e)(2)(iv), you must submit the test data in lieu of the initial performance test results with the Notification of Compliance Status required under paragraph (a)(4) of this section.

(b) You must prepare, by March 1 of each year, and submit to the delegated authority upon request, an annual compliance certification report for the previous calendar year containing the information specified in paragraphs (b)(1) through (4) of this section. You must submit the report by March 15 if you had any instance described by paragraph (b)(3) of this section. For boilers that are subject only to a requirement to conduct a biennial tune-up according to §63.11223(a) and not subject to emission limits or operating limits, you may prepare only a biennial compliance report as specified in paragraphs (b)(1) through (4) of this section, instead of a semi-annual compliance report.

(1) Company name and address.

(2) Statement by a responsible official, with the official's name, title, phone number, e-mail address, and signature, certifying the truth, accuracy and completeness of the notification and a statement of whether the source has complied with all the relevant standards and other requirements of this subpart.

(3) If the source experiences any deviations from the applicable requirements during the reporting period, include a description of deviations, the time periods during which the deviations occurred, and the corrective actions taken.

(4) The total fuel use by each affected boiler subject to an emission limit, for each calendar month within the reporting period, including, but not limited to, a description of the fuel, whether the fuel has received a non-waste determination by you or EPA through a petition process to be a non-waste under §241.3(c), whether the fuel(s) were processed from discarded non-hazardous secondary materials within the meaning of §241.3, and the total fuel usage amount with units of measure.

(c) You must maintain the records specified in paragraphs (c)(1) through (5) of this section.

(1) As required in §63.10(b)(2)(xiv), you must keep a copy of each notification and report that you submitted to comply with this subpart and all documentation supporting any Initial Notification or Notification of Compliance Status that you submitted.

(2) You must keep records to document conformance with the work practices, emission reduction measures, and management practices required by §63.11214 as specified in paragraphs (c)(2)(i) and (ii) of this section.

(i) Records must identify each boiler, the date of tune-up, the procedures followed for tune-up, and the manufacturer's specifications to which the boiler was tuned.

(ii) Records documenting the fuel type(s) used monthly by each boiler, including, but not limited to, a description of the fuel, including whether the fuel has received a non-waste determination by you or EPA, and the total fuel usage amount with units of measure. If you combust non-hazardous secondary materials that have been determined not to be solid waste pursuant to §241.3(b)(1), you must keep a record which documents how the secondary material meets each of the legitimacy criteria. If you combust a fuel that has been processed from a discarded non-hazardous secondary material pursuant to §241.3(b)(4), you must keep records as to how the operations that produced the fuel satisfies the definition of processing in §241.2. If the fuel received a non-waste determination pursuant to the petition process submitted under §241.3(c), you must keep a record that documents how the fuel satisfies the requirements of the petition process.

(3) For sources that demonstrate compliance through fuel analysis, a copy of all calculations and supporting documentation that were done to demonstrate compliance with the mercury emission limits. Supporting documentation should include results of any fuel analyses. You can use the results from one fuel analysis for multiple boilers provided they are all burning the same fuel type.

(4) Records of the occurrence and duration of each malfunction of the boiler, or of the associated air pollution control and monitoring equipment.

(5) Records of actions taken during periods of malfunction to minimize emissions in accordance with the general duty to minimize emissions in §63.11205(a), including corrective actions to restore the malfunctioning boiler, air pollution control, or monitoring equipment to its normal or usual manner of operation.

(6) You must keep the records of all inspection and monitoring data required by §§63.11221 and 63.11222, and the information identified in paragraphs (c)(6)(i) through (vi) of this section for each required inspection or monitoring.

(i) The date, place, and time of the monitoring event.

(ii) Person conducting the monitoring.

(iii) Technique or method used.

(iv) Operating conditions during the activity.

(v) Results, including the date, time, and duration of the period from the time the monitoring indicated a problem to the time that monitoring indicated proper operation.

(vi) Maintenance or corrective action taken (if applicable).

(7) If you use a bag leak detection system, you must keep the records specified in paragraphs (c)(7)(i) through (iii) of this section.

(i) Records of the bag leak detection system output.

(ii) Records of bag leak detection system adjustments, including the date and time of the adjustment, the initial bag leak detection system settings, and the final bag leak detection system settings.

(iii) The date and time of all bag leak detection system alarms, and for each valid alarm, the time you initiated corrective action, the corrective action taken, and the date on which corrective action was completed.

(d) Your records must be in a form suitable and readily available for expeditious review, according to §63.10(b)(1). As specified in §63.10(b)(1), you must keep each record for 5 years following the date of each recorded action. You must keep each record onsite for at least 2 years after the date of each recorded action according to §63.10(b)(1). You may keep the records off site for the remaining 3 years.

(e) As of January 1, 2012 and within 60 days after the date of completing each performance test, as defined in §63.2, conducted to demonstrate compliance with this subpart, you must submit relative accuracy test audit (i.e., reference method) data and performance test (i.e., compliance test) data, except opacity data, electronically to EPA's Central Data Exchange (CDX) by using the Electronic Reporting Tool (ERT) (*see http://www.epa.gov/ttn/chief/ert/ert tool.html/*) or other compatible electronic spreadsheet. Only data collected using test methods compatible with ERT are subject to this requirement to be submitted electronically into EPA's WebFIRE database.

(f) If you intend to commence or recommence combustion of solid waste, you must provide 30 days prior notice of the date upon which you will commence or recommence combustion of solid waste. The notification must identify:

(1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will commence burning solid waste, and the date of the notice.

(2) The currently applicable subcategory under this subpart.

(3) The date on which you became subject to the currently applicable emission limits.

(4) The date upon which you will commence combusting solid waste.

(g) If you intend to switch fuels, and this fuel switch may result in the applicability of a different subcategory or a switch out of subpart JJJJJJ due to a switch to 100 percent natural gas, you must provide 30 days prior notice of the date upon which you will switch fuels. The notification must identify:

(1) The name of the owner or operator of the affected source, the location of the source, the boiler(s) that will switch fuels, and the date of the notice.

(2) The currently applicable subcategory under this subpart.

(3) The date on which you became subject to the currently applicable standards.

(4) The date upon which you will commence the fuel switch.

Table 2 to Subpart JJJJJJ of Part 63—Work Practice Standards, Emission Reduction Measures, and Management Practices

As stated in §63.11201, you must comply with the following applicable work practice standards, emission reduction measures, and management practices:

If your boiler is in this subcategory. . .	**You must meet the following. . .**
1. Existing or new coal, new biomass, and new oil (units with heat input capacity of 10 million Btu per hour or greater)	Minimize the boiler's startup and shutdown periods following the manufacturer's recommended procedures. If manufacturer's recommended procedures are not available, you must follow recommended procedures for a unit of similar design for which manufacturer's recommended procedures are available.
2. Existing or new coal (units with heat input capacity of less than 10 million Btu per hour)	Conduct a tune-up of the boiler biennially as specified in §63.11223.
3. Existing or new biomass or oil	**Conduct a tune-up of the boiler biennially as specified in §63.11223.**

SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendix A, Glossary.
Appendix I, List of Insignificant Emissions Units and/or Activities.
Appendix ICE, Requirements for Internal Combustion Engines.
Appendix E, 40 CFR Part 60, Subpart A.
Appendix F, 40 CFR Part 60, Subpart IIII.
Appendix G, 40 CFR Part 63, Subpart A.
Appendix H, 40 CFR Part 63, Subpart ZZZZ.
Appendix J, 40 CFR Part 63, Subpart JJJJJJ
Appendix RR, Facility-wide Reporting Requirements.
Appendix TR, Facility-wide Testing Requirements.
Appendix TV, Title V General Conditions.
Appendix U, List of Unregulated Emissions Units and/or Activities.