

## STATEMENT OF BASIS

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Title V Air Operation Permit Revision  
Permit No. 0090005-014-AV

### APPLICANT

The applicant for this project is the United States Air Force. The applicant's responsible official and mailing address are:

Robert J. Pavelko, Colonel, USAF, Vice Commander  
United States Air Force  
45 SW/CC, 1201 Edward H. White II Street  
Patrick Air Force Base, FL 32925-3299

### FACILITY DESCRIPTION

The applicant operates the Cape Canaveral Air Force Station (CCAFS), which is located in Cape Canaveral, Brevard County, Florida.

This military facility contains the following emission units:

- a) Steam Boilers: CCAFS Boilers #3 and #4 (Cleaver Brooks) and CCAFS Boiler #7 and #8 (Donlee Technology);
- b) Paint Spray Booths: CCAFS Paint Spray Booths #1 and #5 equipped with dry filters;
- c) Abrasive Blasting: CCAFS Abrasive Blasting Yards #2 and #4 and CCAFS Abrasive Blasting Booth #1 equipped with baghouse;
- d) CCAFS Engine Driven Chiller #1, fueled by natural gas;
- e) IC Engines and Generators; and
- f) Five (5) Diesel Fired Boilers.
- g) **Three Boilers using Natural Gas (Primary) and Diesel or Biodiesel (Backup)**

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

### PROJECT DESCRIPTION

The purpose of this permitting project is to revise the existing Title V permit for the above referenced facility.

### PROCESSING SCHEDULE AND RELATED DOCUMENTS

Renewed Title V Air Operation Permit issued **May 25, 2007**

Application for a Title V Air Operation Permit Revision Renewal received **July 29, 2011**

Additional Information Request dated **September 20, 2011**

Additional Information Response received **November 30, 2011**

Permit Exemption Request for Deluge Pumps at Cape Canaveral Air Force Station (CCAFS), Facility ID #0090005 received **November 30, 2011**

Draft Title V issued **January 27, 2012**.

Comments received from applicant **February 14, 2012**.

Notice of Intent to Issue Air Permit issued **January 27, 2012**

Public Notice Published **March 29, 2012**

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Renewed Title V Air Operation Permit issued **June 18, 2012**

Application for a Title V Air Operation Permit Revision received **October 2, 2012**

### PRIMARY REGULATORY REQUIREMENTS

The facility is considered to be a minor source of HAPS.

Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

NSPS: Generators and Engines may be subject to some of the requirements of 40 CFR Part 60, Subparts A and IIII (See Appendix ICE). **Boilers may be subject to some recordkeeping requirements under 40 CFR Part 60, Subpart Dc.**

NESHAP: Generators, Engines, and Deluge Pump Engines may be subject to some of the requirements of 40 CFR Part 63, Subparts A and ZZZZ (See Appendix ICE). Five Diesel Fired Boilers are subject to 40 CFR Part 63, Subparts A and JJJJJ (See Section III, Subsection F and Appendix J).

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to any of the units at the facility.

### PROJECT REVIEW

The following changes were made as part of this revision:

- 1) **Added Section III, Subsection G., CCAFS Three Boilers using Natural Gas (Primary) and Diesel/Biodiesel (Backup), to the permit. The three boilers are listed under Emissions Unit No. 066. This permit incorporates the conditions of Construction Permit No. 0090005-009-AC and the three boilers.**
- 2) **Added 40 CFR 60, Subpart Dc-Small Industrial-Commercial-Institutional Steam Generating Units (Appendix K) as part of the permit**
- 3) **The font was changed from Book Antiqua to Times New Roman.**

### CONCLUSION

This project revises Title V air operation permit No. 0090005-011-AV, which was issued on June 18, 2012. This Title V air operation permit revision is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.