Title V Air Operation Permit Renewal
Permit No. 0090005-011-AV

APPLICANT

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

Anthony J. Cotton, Brigadier General, USAF, 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 is a military facility that 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 Diesel Fired Boilers.

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

PROJECT DESCRIPTION

The purpose of this permitting project is to renew 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**

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).

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 JJJJJJ (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 renewal:

1) **Removal of Emissions Unit Nos. 009, 010, 015, 016, 017, 038, 040, 044, 046, 051, 065 and the associated terms and conditions of these units. Removing Emissions Unit No. 065 also removes the NSPS recordkeeping requirements of 40 CFR Part 60, Subpart Kb.**

   The emissions units were deleted from the permit because an emissions unit was permanently shutdown or an emissions unit was physically removed from the facility.

2) **Removal of conditions relating to sulfur content for many of the emission units because those units run only on natural gas now. Corresponding visible emission testing requirements were removed also for the same reason (units run only on natural gas).**

3) **Added Appendix ICE, addresses Internal Combustion Engines and Federal RICE (Reciprocating Internal Combustion engines) Regulations Applicability.**

4) **Added Emission Unit 069 (CCAFS Five Diesel Fired Boilers), previously designated as an insignificant emission unit. Boilers subject to 40 CFR Part 63, Subpart JJJJJJ. Added Appendix J (Subpart JJJJJJ) to Appendices.**

5) **Deluge pumps engines subject to Subpart ZZZZ-§63.6640(f)(i), (ii), and (iii); and Table 2d, category No. 4 Maintenance requirements (see Appendix ICE).**

CONCLUSION

This project renews Title V air operation permit No. 0090005-010-AV, which was issued on May 25, 2007. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.