Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Abbreviations and Acronyms:

°F:	Degrees Fahrenheit
BACT:	Best Available Control Technology
CFR:	Code of Federal Regulations
DEP:	State of Florida, Department of Environmental Protection
DARM:	Division of Air Resource Management
EPA:	United States Environmental Protection Agency
F.A.C.:	Florida Administrative Code
F.S.:	Florida Statute
ISO:	International Standards Organization
LAT:	Latitude
LONG:	Longitude
MMBtu:	million British thermal units
MW:	Megawatt
ORIS:	Office of Regulatory Information Systems
SOA:	Specific Operating Agreement
UTM:	Universal Transverse Mercator

Citations:

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

Code of Federal Regulations:

Example: **[40 CFR 60.334]**

Where:	40	reference to	Title 40
	CFR	reference to	Code of Federal Regulations
	60	reference to	Part 60
	60.334	reference to	Regulation 60.334

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

Example: **[Rule 62-213, F.A.C.]**

Where:	62	reference to	Title 62
	62-213	reference to	Chapter 62-213
	62-213.205	reference to	Rule 62-213.205, F.A.C.

ISO: International Standards Organization refers to those conditions at 288 degrees K, 60 percent relative humidity, and 101.3 kilopascals pressure.

1 of Many

APPENDIX TV-6, TITLE V CONDITIONS (version dated 06/23/06)

[Note: This attachment includes "canned conditions" developed from the "Title V Core List."]

{Permitting note: APPENDIX TV-6, TITLE V CONDITIONS, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

Chapter 62-4, F.A.C.

1. **Not federally enforceable.** General Prohibition. Any stationary installation which will reasonably be expected to be a source of pollution shall not be operated, maintained, constructed, expanded, or modified without the appropriate and valid permits issued by the Department, unless the source is exempted by Department rule. The Department may issue a permit only after it receives reasonable assurance that the installation will not cause pollution in violation of any of the provisions of Chapter 403, F.S., or the rules promulgated thereunder. A permitted installation may only be operated, maintained, constructed, expanded or modified in a manner that is consistent with the terms of the permit.
[Rule 62-4.030, Florida Administrative Code (F.A.C.); and, Section 403.087, Florida Statute (F.S.)]

2. **Not federally enforceable.** Procedures to Obtain Permits and Other Authorizations; Applications.
(1) Any person desiring to obtain a permit from the Department shall apply on forms prescribed by the Department and shall submit such additional information as the Department by law may require.
(2) All applications and supporting documents shall be filed in quadruplicate with the Department.
(3) To ensure protection of public health, safety, and welfare, any construction, modification, or operation of an installation which may be a source of pollution, shall be in accordance with sound professional engineering practices pursuant to Chapter 471, F.S. All applications for a Department permit shall be certified by a professional engineer registered in the State of Florida except, when the application is for renewal of an air pollution operation permit at a non-Title V source as defined in Rule 62-210.200, F.A.C., or where professional engineering is not required by Chapter 471, F.S. Where required by Chapter 471 or 492, F.S., applicable portions of permit applications and supporting documents which are submitted to the Department for public record shall be signed and sealed by the professional(s) who prepared or approved them.
(4) Processing fees for air construction permits shall be in accordance with Rule 62-4.050(4), F.A.C.
(5)(a) To be considered by the Department, each application must be accompanied by the proper processing fee. The fee shall be paid by check, payable to the Department of Environmental Protection. The fee is non-refundable except as provided in Section 120.60, F.S., and in this section.
(b) When an application is received without the required fee, the Department shall acknowledge receipt of the application and shall immediately notify the applicant by certified mail that the required fee was not received and advise the applicant of the correct fee. The Department shall take no further action until the correct fee is received. If a fee was received by the Department which is less than the amount required, the Department shall return the fee along with the written notification.
(c) Upon receipt of the proper application fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin.
(d) If the applicant does not submit the required fee within ten days of receipt of written notification, the Department shall either return the unprocessed application or arrange with the applicant for the pick up of the application.
(e) If an applicant submits an application fee in excess of the required fee, the permit processing time requirements of Sections 120.60(2) and 403.0876, F.S., shall begin upon receipt, and the Department shall refund to the applicant the amount received in excess of the required fee.
(6) Any substantial modification to a complete application shall require an additional processing fee determined pursuant to the schedule set forth in Rule 62-4.050, F.A.C., and shall restart the time requirements of Sections 120.60 and 403.0876, F.S. For purposes of this subsection, the term "substantial modification" shall mean a modification which is reasonably expected to lead to substantially different environmental impacts which require a detailed review.
(7) Modifications to existing permits proposed by the permittee which require substantial changes in the existing permit or require substantial evaluation by the Department of potential impacts of the proposed modifications shall require the same fee as a new application for the same time duration except for modification under Chapter 62-45, F.A.C.
[Rule 62-4.050, F.A.C.]

Appendix H-1, Permit History/ID Number Changes

U. S. Air Force
Patrick Air Force Base

DRAFT Permit No.: 0090021-007-AV
Facility ID No.: 0090021

Permit History (for tracking purposes):

E.U. ID No.	Description	Permit No.	Issue Date	Expiration Date	Extended Date[1, 2]	Revised Date(s)
-047	Diesel Storage Tanks	N/A				
xxx	Boilers	AO05-199410	1/17/92	12/30/96		1/28/97
xxx	Booths & Tanks	0090021-004-AC	7/15/97	12/30/02		7/30/97
All	FESOP	0090021-005-AF	8/21/98	8/01/99		
All	Initial Title V Permit	0090021-003-AV	4/14/99	4/30/02		
All	Title V Permit Renewal	0090021-006-AV	9/18/02	4/30/07		
All	Title V Permit Renewal	0090021-007-AV	tbd	4/30/12		
All	Construction Permit	0090021-008-AC	tbd	6/30/12		

Notes:
1 - AO permit(s) automatic extension(s) in Rule 62-210.300(2)(a)3.a., F.A.C., effective 03/21/96.
2 - AC permit(s) automatic extension(s) in Rule 62-213.420(1)(a)4., F.A.C., effective 03/20/96.
{Rule 62-213.420(1)(b)2., F.A.C., effective 03/20/96, allows Title V Sources to operate under existing valid permits}

Appendix I-1, List of Insignificant Emissions Units and/or Activities.

U. S. Air Force **DRAFT Permit No.:** 0090021-007-AV

Patrick Air Force Base **Facility I.D. No.:** 0090021

The facilities, emissions units, or pollutant-emitting activities listed in Rule 62-210.300(3)(a), F.A.C., Categorical Exemptions, are exempt from the permitting requirements of Chapters 62-210 and 62-4, F.A.C.; provided, however, that exempt emissions units shall be subject to any applicable emission limiting standards and the emissions from exempt emissions units or activities shall be considered in determining the potential emissions of the facility containing such emissions units. Emissions units and pollutant-emitting activities exempt from permitting under Rule 62-210.300(3)(a), F.A.C., shall not be exempt from the permitting requirements of Chapter 62-213, F.A.C., if they are contained within a Title V source; however, such emissions units and activities shall be considered insignificant for Title V purposes provided they also meet the criteria of Rule 62-213.430(6)(b), F.A.C. No emissions unit shall be entitled to an exemption from permitting under Rule 62.210.300(3)(a), F.A.C., if its emissions, in combination with the emissions of other units and activities at the facility, would cause the facility to emit or have the potential to emit any pollutant in such amount as to make the facility a Title V source.

The below listed emissions units and/or activities are considered insignificant pursuant to Rule 62-213.430(6), F.A.C.

Brief Description of Emissions Units and/or Activities

1. Blueprint Copying Operations
2. Boilers, Water Heaters, and Furnaces (<1mmbtu/hr output)
3. Degreasers (using NESHAP exempt solvents)
4. Film Developing
5. Firing Range Operations
6. Fuel Loading Racks (Fuel Storage Areas 1 & 2)
7. General Processes (Aircraft Engine Washing/Aircraft Fuel Tank Depuddling)
8. General Solvent Usage
9. Miscellaneous Internal Combustion Engines
10. Nondestructive Inspection
11. Process Tanks
12. Solid Waste Management Units
13. Petroleum Storage Tanks (<25,000 gal.)
14. Surface Preparation and Coating (630, 647, 697, and other locations)
15. Wastewater Treatment Systems
16. Wipe Cleaning
17. Boilers <10 MMBTU/hr using natural gas
18. Enclosed Glove Box Cabinets with air pollution controls
19. Small Portable Sand Blasting Equipment
20. Metal Working Devices with air pollution controls
21. Landfill (not subject to NSPS standards
22. Vegetative burning
23. Controlled/prescribed burning
24. Construction activities
25. Unpaved road
26. Refrigeration equipment
27. Fire and Safety Equipment
28. Emergency generators under 62-210.300(3)(a)20, F.A.C.
29. Remediation activities

30. Cooling towers
31. Fuel Fill Stands, Jet Fuel, FSA-1 & 2 (PFLRJP1) and MOGAS, FSA-2 (PFLRMOG1)
32. Booth 10, Undercoating Shop, Bldg.339 (P338PB1)
33. Mixing/coating operations (air drying of empty cans)
34. Flare stacks

STATEMENT OF BASIS

U. S. Air Force
Patrick Air Force Base
Facility ID No.:0090021
Brevard County

Title V Air Operation Permit Renewal
DRAFT Permit Project No: 0090021-007-AV
Renewal of Title V Air Operation Permit No.:0090021-006-AV

The subject of this permit is for the renewal of Title V Air Operation Permit, No. 0090021-006-AV. The initial Title V Air Operation Permit, No. 0090021-003-AV, was issued on April 14, 1999. This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210 and 62-213. The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the permitting authority, in accordance with the terms and conditions of this permit.

This is a military facility that contains the following air emission units:

a) Steam Boilers as follows:
- Boiler No. 2, Central Heat Plant, Bldg. 314 (P314EC2)
- Boiler No. 1, Central Heat Plant, Bldg. 314 (P314EC1)

b) Surface Coating Operations and Petroleum Storage Tanks as follows:
- Spray Booth No. 1, Bldg. 511 (P511PB1)
- Spray Booth No. 6, Bldg. 324 (P324PB1)
- Spray Booth No. 5, Bldg. 331 (P331PB1)
- Spray Booth No. 4, Bldg. 630 (P630PB1)
- Spray Booth No. 2, Bldg. 511 (P511PB2)
- Eleven Jet Fuel Storage Tanks (PASJP1)
- Six Diesel/Biodiesel Storage Tanks (PASDJP1)
- Two Gasoline (including ethanol/gasoline blends) Storage Tanks (PASMOG1)

Also included in this permit are miscellaneous insignificant emission units and/or activities

Based on the Title V permit application, this facility is not a major source of hazardous air pollutants (HAPs).

The applicable emission limitations are as follows:

a) Steam Boilers - VE limit per Rule 62-296.406(1), F.A.C.; BACT per Rule 62-296.406(2)&(3), F.A.C.

b) Paint Spray Booths (each is equipped with dry filter) and Petroleum Storage Tanks - general VOC standard per Rule 62-296.320(1)(a), F.A.C.; annual VOC limits per construction permits; VE limit per Rule 62-296.320(4)(b), F.A.C

PUBLIC NOTICE OF INTENT TO ISSUE AN AIR CONSTRUCTION PERMIT AND A TITLE V AIR OPERATION PERMIT RENEWAL

Florida Department of Environmental Protection
Central District

DRAFT Air Construction Permit No.: 0090021-008-AC
DRAFT Title V Air Operation Permit No.: 0090021-007-AV

Patrick Air Force Base
Brevard County

The Florida Department of Environmental Protection (permitting authority) gives notice of its intent to issue an Air Construction Permit and a Title V Air Operation Permit to the United States Air Force for the Patrick Air Force Base, located at Brevard County, Florida. The applicant's name and address are: United States Air Force, 45 SW/CC, 1201 Edward H. White II Street, MS 7100, Patrick Air Force Base, FL 32925-3299, Attention: Ms. Susan J. Helms, Brigadier General, USAF, Commander.

Air Construction Permit No. 0090021-008-AC and Title V Air Operation Permit No. 0090021-007-AV will allow operation of the existing Patrick Air Force Base facility that includes boilers, paint spray boots, grit blasting, and petroleum storage tanks. Allowable emissions of volatile organic compounds (VOC) from the petroleum storage tanks will be reduced from 40 ton per year to 12 tons per year as requested by the applicant. This facility is a source of air emissions.

The permitting authority will issue the Air Construction Permit and the PROPOSED Title V Air Operation Permit and subsequent FINAL Title V Air Operation Permit, in accordance with the conditions of the DRAFT Air Construction Permit and the DRAFT Title V Air Operation Permit unless a response received in accordance with the following procedures results in a different decision or significant change of terms or conditions.

The permitting authority will accept written comments concerning the proposed Draft Air Construction Permit issuance action for a period of 14 (fourteen) days from the date of publication of this Public Notice. Any written comments should be provided to the permitting authority office. Any written comments filed shall be made available for public inspection. If written comments received result in a significant change in this DRAFT Air Construction Permit, the permitting authority shall issue a Revised DRAFT Air Construction Permit and require, if applicable, another Public Notice.

The permitting authority will accept written comments concerning the proposed Title V Air Operation Permit issuance action for a period of 30 (thirty) days from the date of publication of this Public Notice. Written comments must be post-marked and all facsimile comments must be received by the close of business (5:00 pm), on or before the end of this 30-day period, by the Permitting Authority at the Florida Department of Environmental Protection, 3319 Maguire Blvd., Suite 232, Orlando, Florida 32803 (telephone: 407/894-7555; fax: 407/897-5963). As part of his or her comments, any person may also request that the Permitting Authority hold a public meeting on this permitting action. If the Permitting Authority determines there is sufficient interest for a public meeting, it will publish notice of the time, date, and location on the Department's official web site for notices at http://faw.dos.state.fl.us/ and in a newspaper of general circulation in the area affected by the permitting action. For additional information, contact the Permitting Authority at the above address or phone number. If written comments or comments received at a public meeting result in a significant change in this DRAFT Permit, the Permitting Authority shall issue a Revised DRAFT Permit and require, if applicable, another Public Notice. All comments filed will be made available for public inspection.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative hearing in accordance with Sections 120.569 and 120.57 of the Florida

Statutes (F.S.). The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel, 3900 Commonwealth Boulevard, Mail Station 35, Tallahassee, FL 32399-3000, Telephone: 850/245-2242, Fax: 850/245-2303. Petitions filed by any persons other than those entitled to written notice under Section 120.60(3), F.S., must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of the notice of intent, whichever occurs first. Under Section 120.60(3), F.S., however, any person who asked the permitting authority for notice of agency action may file a petition within 14 (fourteen) days of receipt of that notice, regardless of the date of publication. A petitioner shall mail a copy of the petition to the applicant at the address indicated above, at the time of filing. The failure of any person to file a petition within the applicable time period shall constitute a waiver of that person's right to request an administrative determination (hearing) under Sections 120.569 and 120.57, F.S., or to intervene in this proceeding and participate as a party to it. Any subsequent intervention will be only at the approval of the presiding officer upon the filing of a motion in compliance with Rule 28-106.205 of the Florida Administrative Code (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; 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 petitioner's substantial rights will be affected by the agency determination;

(c) A statement of how and when the 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 state;

(e) A concise statement of the ultimate facts alleged, as well as the rules and statutes which entitle 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 permitting authority's final action may be different from the position taken by it in this notice of intent. Persons whose substantial interests will be affected by any such final decision of the permitting authority on the application(s) 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 proceeding.

In addition to the above, pursuant to 42 United States Code (U.S.C.) Section 7661d(b)(2), any person may petition the Administrator of the EPA within 60 (sixty) days of the expiration of the Administrator's 45 (forty-five) day review period as established at 42 U.S.C. Section 7661d(b)(1), to object to issuance of any Title V permit. Any petition shall be based only on objections to the Title V permit that were raised with reasonable specificity during the 30 (thirty) day public comment period provided in this notice, unless the petitioner demonstrates to the Administrator of the EPA that it was impracticable to raise such objections within the comment period or unless the grounds for such objection arose after the comment period. Filing of a petition with the Administrator of the EPA does not stay the effective date of any permit properly issued pursuant to the provisions of Chapter 62-213, F.A.C. Petitions filed with the Administrator of EPA must meet the requirements of 42 U.S.C. Section

7661d(b)(2) and must be filed with the Administrator of the EPA at U.S. EPA, 401 M. Street SW, Washington, D.C. 20460.

A complete project file is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except legal holidays, at:

Permitting Authority:
Florida Department of Environmental Protection
3319 Maguire Boulevard, Suite 232
Orlando, Florida 32803
Telephone: 407/894-7555
Fax: 407/897-5963

The complete project file includes the Technical Evaluation and Preliminary Determination and associated DRAFT Air Construction Permit and DRAFT Title V Air Operation Permit, the application(s), and the information submitted by the responsible official, exclusive of confidential records under Section 403.111, F.S. Interested persons may contact Alan Zahm P.E., at the above address or call 407/893-3335 for additional information.