

U.S. Department of Defense
Tyndall Air Force Base
Facility ID No.: 0050024
Bay County

Federally Enforceable
Air Operation Permit
Permit No.: 0050024-002-AF

Permitting Authority
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8597

[electronic file name: 0050024f.doc]

Air Operation Permit
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Permittee:
U.S. Department of Defense

Permit No.: 0050024-002-AF
Facility ID No.: 0050024
SIC Nos.: 97
Project: Tyndall Air Force Base
FESOP for HAPs

This permit is for the operation of the Tyndall Air Force Base located on Highway 98 five miles Southeast of Panama City, Bay County; UTM Coordinates: Zone 16, 635.89 km East and 3327.25 km North; Latitude: 30° 03' 27" North and Longitude: 85° 35' 31" West.

STATEMENT OF BASIS: This 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. The above named permittee is hereby authorized to perform the work or 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.

Pursuant to Rule 62-210.300(2)(b), F.A.C., this permit is being issued to establish the facility as a synthetic minor facility for HAP emissions only per Section 112 of the Clean Air Act Amendments of 1990. This permit is not a SIP FESOP as the facility is a major for other pollutants.

The expiration date of the permit is August 31, 2003, or upon issuance of the Title V permit, whichever occurs first.

Referenced attachments made a part of this permit:

Appendix G-1, General Conditions
Appendix I-1, List of Insignificant Emissions Activities

Effective Date:
Renewal Application Due Date: Not Applicable
Expiration Date: See Above

**FLORIDA DEPARTMENT OF
ENVIRONMENTAL PROTECTION**

Ed K. Middleswart, P.E.
Air Program Administrator

EKM/OM

Section I. Facility Information.

Subsection A. Facility Description.

This facility consists of activities and operations related to national security. Activities regulated by this permit are those that generate hazardous air pollutants (HAPs) and include primarily the following processes: fuel loading, fuel dispensing, fuel storage, emergency generators, fuel system repair, painting, non-destructive inspections, and various solvent uses.

Based on the permit application received August 11, 1998, this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

Documents on file with permitting authority:

Permit Application received August 11, 1998

Signature and Seal of Professional Engineer received August 13, 1998

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

- 1. HAP Emissions Limitation:** The annual twelve month total HAP emissions shall not exceed 21 tons per year and no single HAP emission shall exceed eight tons per year. This HAP emissions limitation is facility-wide. These limits are accepted by the applicant to make the facility a synthetic minor for HAPs only. Compliance assurance will be provided by recordkeeping and reporting.
[Rule 62-210.300(2)(b), F.A.C.]
- 2. Operating Hours:** There is no limitation on operating hours for any of the activities included in this permit.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]
- 3. Recordkeeping.** The environmental office shall maintain appropriate recordkeeping throughout the facility to identify and quantify each material used at the facility that contains a HAP air pollutant. In addition, each quarter the environmental office will quantify the cumulative annual total emissions for each HAP, and all HAPs combined for comparison with the annual limits given in Section II.1. Supporting documentation (chemical usage tracking logs, MSDS sheets, purchase orders, EPA data sheets, etc.) shall be kept for each chemical and associated products, which include sufficient information to determine usage rates and emissions. The cumulative HAP information shall be available for inspection no later than 30 days following the end of each quarter. These records will be made available to the Department upon request and will be maintained for at least five years from the date of recording.
- 4. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.**
- 5. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited.** The permittee shall not 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.]
- 6. Insignificant Emissions and/or Activities.** Appendix I-1, List of Insignificant Emissions Activities, is a part of this permit. The use of the term, “Insignificant Emissions” is being used instead of the term “Exempt Emissions”, since it is planned that this permit will become a part of the Title V Permit.
[Rules 62-213.440(1), 62-213.430(6), and 62-4.040(1)(b), F.A.C.]

7. General Pollutant Emission Limiting Standards. 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 (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.
[Rule 62-296.320(1)(a), F.A.C.]

8. General Particulate Emission Limiting Standards. General Visible Emissions Standard. Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than that designated as Number 1 on the Ringelmann Chart (20 percent opacity). EPA Method 9 is the method of compliance pursuant to Chapter 62-297, F.A.C.
[Rules 62-296.320(4)(b)1. & 4., F.A.C.]

9. Sixty days prior to the expiration date of this operation permit, the Permittee shall submit two permit renewal applications using the current version of the renewal form along with the processing fee established in FAC Rule 62-4.050(4) to the Northwest District office of the Department.
[Rule 62-4.090, F.A.C.]

10. The permittee shall submit all compliance related notifications and reports required of this permit to the Department's Northwest District office:

Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, Florida 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8597

A copy of all compliance related notifications shall be submitted to the Department's Panama City Branch Office (2353 Jenks Ave., Panama City, FL 32405, 850/872-4375).

11. The Department telephone number for reporting problems, malfunctions or exceedances under this permit is (850) 595-8364, day or night, and for emergencies involving a significant threat to human health or the environment is (800) 320-0519. For routine business, telephone (850) 595-8364 during normal working hours.
[Rules 62-210.700 and 62-4.130, F.A.C.]

12. A DEP Form No. 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" including the Emissions Report, shall be completed for each calendar year on or before March 1 of the following year and submitted to the Northwest District Office.
[Rule 62-210.370(3)(a), F.A.C.]

Section III. HAP Emission Producing Activities.

The activities and processes that generate HAP emissions include primarily the following: fuel loading, fuel dispensing, fuel storage, emergency generators, fuel system repair, painting, non-destructive inspections and various solvent uses.

Subsection A. Fuel Loading Racks

A.1. This emissions source consists of the following three items:

- Building 400 area gasoline loading rack
- Building 400 area diesel loading rack
- Building 400 area JP-8 loading rack

Subsection B. Fuel Dispensing

B.1. This emissions source consists of the following thirteen items:

- Building 149 gasoline dispensing
- Building 214 diesel fuel dispensing
- Building 239 JP-8 dispensing
- Building 264 diesel and JP-8 dispensing
- Building 400 gasoline and diesel fuel dispensing
- Building 562 gasoline and diesel fuel dispensing
- Building 968 gasoline dispensing
- Building 2706 gasoline dispensing
- Building 3017 gasoline and diesel fuel dispensing
- Building 5012 gasoline dispensing
- Building 6040 diesel fuel dispensing
- Building 9476 gasoline and diesel fuel dispensing
- Building 9725 gasoline and diesel fuel dispensing

Subsection C. Storage Tanks

C.1. This emissions source consists of the following items:

- JP-8 Storage Tanks: 264, 323, 325 (2 tanks), 407, 409, 6044, 6045, 6046 and 6047
- Diesel Storage Tanks: 214, 264, 401, 403, 485, 562, 3017, 9476 (2 tanks), and 9725.
- Gasoline Storage Tanks: 149, 405, 562, 968 (3 tanks), 2706, 3017, 5012 (2 tanks), 9476 and 9725.

Subsection D. Fuel System Repair

D.1. This emissions source consists of the following areas:

- Building 316 Fuel System Repair
- Building 561 Fuel System Repair

Subsection E. Paint Booths and Process Tanks

E.1. This emissions source consists of the following five areas:

- Building 156 (Paint Booth)
- Building 315 (Paint Booth and Process Tank)
- Building 560 (Paint Booth)
- Building 934 (Paint Booth)
- Building 9710 (Paint Booth and Process Tank)

Subsection F. Non Destructive Testing

F.1. This emissions source is located at the Non Destructive Inspection Laboratory.

Subsection G. Emergency Generators

G.1. This emissions source consists of various emergency generators powered by diesel fuel and natural gas internal combustion engines. The Environmental Office will maintain a current listing of the locations of all units.

Subsection H. General Solvent Use

H.1. This emissions source consists of multiple locations throughout the facility. The Environmental Office will maintain a current listing of all solvent use locations.

1. The terms, conditions, requirements, limitations, and restrictions set forth in this permit are "permit conditions", and are binding and enforceable pursuant to Sections 403.141, 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.
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, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Department.
3. As provided in Subsections 403.087(6) and 403.722(5), Florida Statutes, the issuance of this permit does not convey any vested rights or any exclusive privileges. Nor 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 does not constitute a waiver of 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.
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.
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.
6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, are 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.
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, access to the premises, at reasonable times, where the permitted activity is located or conducted for the purpose of:
 - a. Having access to and copying any records that must be kept under the conditions of this permit;
 - b. Inspecting the facility, equipment, practices, or operations regulated or required under this permit;and,
 - c. Sampling or monitoring 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.

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

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

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.

11. This permit is transferable only upon Department approval in accordance with Florida Administrative Code Rules 62-4.120 and 62-730.300, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Department.

12. This permit is required to be kept at the work site of the permitted activity during the entire period of construction or operation.

13. 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 for 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:
 - the date, exact place, and time of sampling or measurement;
 - the person responsible for performing the sampling or measurement;
 - the date(s) analyses were performed;
 - the person responsible for performing the analyses;
 - the analytical techniques or methods used; and
 - the results of such analyses.

14. 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 the 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.

Permit Processing Data

Name, Title, and Mailing Address of Party to Receive Permit:

Gary M. Rubus
Brigadier General
325th Fighter Wing Commander
445 Suwanee, Suite 101
Tyndall AFB, FL 32403-5541

The Engineer to be Copied:

John Michael Burke, P.E., Radian International

Additional Parties to be Copied:

U.S. EPA Region 4, Atlanta
DEP Division of Air Resources Management, Tallahassee
DEP Northwest District Branch Office, Panama City

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT ISSUANCE

CERTIFIED MAIL

In the matter of an

Application for Permit

DEP File No. 0050024-002-AF

By:

Bay County

Gary M. Rubus

Brigadier General

325th Fighter Wing Commander

445 Suwanee, Suite 101

Tyndall AFB, FL 32403-5541

Enclosed is Permit Number 0050024-002-AF, issued pursuant to Section 403.087, Florida Statutes, for operating Tyndall Air Force Base.

A person whose substantial interests are affected by the proposed permitting decision may petition for an administrative proceeding (hearing) under sections 120.569 and 120.57 of the Florida Statutes. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department at 3900 Commonwealth Boulevard, Tallahassee, Florida, 32399-3000. Petitions filed by the permit applicant or any of the parties listed below must be filed within fourteen days of receipt of this notice of intent. Petitions filed by any persons other than those entitled to written notice under section 120.60(3) of the Florida Statutes must be filed within fourteen days of publication of the public notice or within fourteen days of receipt of this notice of intent, whichever occurs first. Under section 120.60(3), however, any person who asked the Department for notice of agency action may file a petition within 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 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 of the Florida Administrative Code.

A petition that disputes the material facts on which the Department'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 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; and

(f) A demand for relief.

A petition that does not dispute the material facts upon which the Department'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

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 notice. 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 in this proceeding.

Any party to this order has the right to seek judicial review of it under section 120.68 of the Florida Statutes, by filing a notice of appeal under rule 9.110 of the Florida rules of Appellate Procedure with the clerk of the Department of Environmental Protection in the Office of General Counsel, Mail Station 35, 3900 Commonwealth boulevard, Tallahassee, Florida, 32399-3000, 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 must be filed within thirty days after this order is filed with the clerk of the Department.

Executed in Pensacola, Florida.

State of Florida Department
of Environmental Protection

ED K. MIDDLESWART, P.E.
Air Program Administrator

160 Governmental Center
Pensacola, Florida 32501-5794
(850) 595-8364

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this NOTICE OF PERMIT ISSUANCE and all copies were mailed by certified (Permittee) or regular mail before the close of business on _____ to the listed persons.

FILING AND ACKNOWLEDGMENT FILED, on this date, pursuant to §120.52(7), Florida Statutes, with the designated Department clerk, receipt of which is hereby acknowledged.

Clerk

Date

Copies furnished to:

John Michael Burke, P.E., Radian International
U.S. EPA Region 4, Atlanta
DEP Division of Air Resources Management, Tallahassee
DEP Northwest District Branch Office, Panama City

MEMORANDUM

TO : Ed K. Middleswart, P.E.
FROM : Andy Allen,
DATE : 5/10/2012
SUBJECT : Evaluation Summary for U.S. Department of Defense,
Tyndall Air Force Base 0050024-002-AF, Bay County

We recommend issuing a FESOP for HAPs to U.S. Department of Defense to operate their Tyndall Air Force Base. The permittee has requested a FESOP to establish synthetic HAP emission limits prior to the effective date of the new Aerospace NESHAPS (9/1/98). A recent facility wide audit completed in June 1998 verified that the actual emissions for all HAPs in 1997 was 10 tons. As a result, the permittee has requested a cap of 21 tons per year total and 8 tons per year for any single HAP. This FESOP will become absorbed into the Title V permit when it is completed.

Process Description

Activities regulated by this permit are those that generate hazardous air pollutants (HAPs) and include primarily the following processes: fuel loading, fuel dispensing, fuel storage, emergency generators, fuel system repair, painting, non-destructive inspections, and various solvent uses.

Analysis Comments

Three activities included in the application were given insignificant status: degreasing, entomology, and welding. Degreasing was given this status due to de minimus HAP emissions (PTE 66 pounds per year), and the other two due to categorical exemption status per 62-210.300(3)(a)16 and 31. The emergency generators were not given exempt status since they exceeded the 32,000 gallons per year limit on diesel fuel under maximum operating conditions.

Pollution Control Equipment: Filters on the paint booths. No controls for the VOCs or HAPs.

Environmental Impact

Airborne Contaminant Emitted	FAC Rule	Estimated Emissions T/yr	Allowable Emissions T/yr
HAPs	62-210.300(2)(b)	10	21
Objectionable Odors	62-296.320(2)	N/A	N/A
VE	62-296.320(2)	N/A	N/A

None allowed off plant property.
Not more than 20% opacity

Applicable Rules & Regulations This source is regulated in accordance with FAC Rule 62-210.300(2)(b).

Compliance Monitoring: Recordkeeping quarterly to verify annual totals do not exceed FESOP limits.

Compliance History : Facility has a good record of compliance.

Fee Summary: This is an AO2C (\$750 fee) minor source with no emissions measurement.

OM:omc