

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

Air Construction Permit
Permit No.: 0050024-005-AC

Permitting and Compliance Authority:
Department of Environmental Protection
Northwest District Office
160 Governmental Center
Pensacola, FL 32501-5794
Telephone: 850/595-8364
Fax: 850/595-8096

[electronic file name: 0050024c.doc]

Air Construction Permit
Permit No.: 0050024-005-AC

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Permittee:
U.S. Department of Defense

Permit No.: 0050024-005-AC
Facility ID No.: 0050024
SIC No.: 97
Project: Air Construction Permit

This permit is for construction activities at Tyndall Air Force Base located at five miles southeast of Panama City on Highway 98, 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 construction permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.) and Florida Administrative Code (F.A.C.) Chapters 62-4 and 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.

Referenced attachments made a part of this permit:

Appendix G-1, General Conditions

Effective Date: June 10, 1999

Expiration Date: June 10, 2004

**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. This construction permit authorizes the construction of a new blast media booth to be used for the preparation of equipment for surface coating.

This facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions Unit ID No. and Brief Description.

<u>E.U.</u>	<u>Brief Description</u>
<u>ID No.</u> 012	AFCESA/CEMIRT Media Blast Booth (1134-BLAST-2)

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit ID No. on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

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

These documents are on file with permitting authority:
Permit Application received on April 12, 1999.

Section II. Facility-wide Conditions.

The following conditions apply facility-wide:

1. APPENDIX G-1, GENERAL CONDITIONS, is a part of this permit.
2. 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.]
3. 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.]
4. An application for an operation permit shall be submitted with the compliance test results and appropriate fee when applicable. These are to be submitted within 180 days after initial operation.
[Rules 62-210.300(2) and 62-4.050(3), F.A.C.]
5. The permittee shall submit all compliance related notifications and reports required by this permit to the Department's Northwest District office. Copies of compliance related notifications shall be sent the Department's Northwest District Branch Office, 2353 Jenks Avenue, Panama City FL 32405.
6. 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.]
7. The Department shall be notified and prior approval shall be obtained of any changes or revisions made during construction.
[Rule 62-4.030, F.A.C.]

Section III. Emissions Unit and Conditions.

Subsection A. This section addresses the following emissions unit.

E.U.

<u>ID No.</u>	<u>Brief Description</u>
-012	AFCESA/CEMIRT Media Blast Booth (1134-BLAST-2)

The AFCESA/CEMIRT Media Blast Booth is a drive-in packaged unit, manufactured by Pauli Systems, Inc., Model No. PD411D. It will be located outside of existing building 1134. The booth exhausts through a dust collection system with internal filter cartridges. The filters are automatically cleaned by a pneumatic process. This activity is subject to the general visible emissions standard contained in Rule 62-296.320(4)(b)1., F.A.C.

The following specific conditions apply to the emissions unit listed above:

Essential Potential to Emit (PTE) Parameters

A.1. Capacity. The emissions unit is allowed to operate without limit up to the design capacity of the equipment. The design capacity or maximum allowable operating rate shall be established during the initial compliance tests specified in item A.4. below.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

A.2. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hours/year.
[Rules 62-4.160(2) and 62-210.200(PTE), F.A.C.]

Emission Limitations and Standards

A.3. There is no unit specific standard. Therefore, the emissions unit is subject to the General Visible Emissions Standard which requires that emissions density remain less than 20% opacity at all times.
[Rule 62-296.320(4)(b)1., F.A.C.]

Test Methods and Procedures

A.4.a. Emissions tests are required to show compliance with the standards of the Department. The test results must provide reasonable assurance that the source is capable of compliance at the equipment design capacity or a maximum operating rate. This rate shall be established by the permittee during the initial compliance test required by this paragraph. An EPA Method 9 test shall be scheduled within thirty (30) days after initial operation. Thereafter, an EPA Method 9 test shall be conducted once during the 6 months prior to renewal of the operating permit (note: a test is not required for issuance of the initial operating permit). The Department shall be notified at least fifteen (15) days prior to testing to allow witnessing. Results shall be submitted to the Department within forty-five (45) days after testing.

[Rules 62-4.070, 62-297.310(7), and 62-297.401(9), F.A.C.]

A.4.b. The Department can require special compliance tests in accordance with Rule 62-297.310(7) F.A.C. Other test methods and alternate compliance procedures may be used only after prior Departmental approval has been obtained in writing.

[Rules 62-297.310(7) and 62-297.620(1), F.A.C.]

A.4.c. Testing of emissions shall be conducted with the source operating at capacity. Capacity is defined as 90-100% of rated design capacity of the blast booth. If it is impractical to test at capacity, then sources may be tested at less than capacity; in this case subsequent source operation is limited to 110% of the test load until a new test is conducted. Once the unit is so limited, then operation at higher capacities is allowed for no more than fifteen days for purposes of additional compliance testing to regain the rated capacity in the permit, with prior notification to the Department.

[Rules 62-297.310(2) and 62-4.070, F.A.C.]

Recordkeeping and Reporting Requirements

A.5. The test reports shall comply with applicable portions of Rule 62-297.310, F.A.C., Test Reports.

[Rule 62-297.310(8), F.A.C.]

A.6. The permittee shall keep a log, available for inspection by the Department, of all routine and non routine pollution equipment maintenance and repairs.

[Rule 62-210.300(1)(b)1. and (2)(a)2., F.A.C.]

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:

Walter E. Buchanan III, Brig. Gen
Commander, 325th Fighter Wing
445 Suwanee, Suite 101
Tyndall AFB, FL 32403-5541

The Engineer to be Copied:

Michael Phelps, Env. Eng., Tyndall AFB

Additional Parties to be Copied:

DEP Northwest District Branch Office, Panama City

In the Matter of an
Application for Permit by:

Walter E. Buchanan III, Brig. Gen
Commander, 325th Fighter Wing
445 Suwanee, Suite 101
Tyndall AFB, FL 32403-5541

Permit No.: 0050024-005-AC
Bay County

INTENT TO ISSUE PERMIT

The Department of Environmental Protection (permitting authority) gives notice of its intent to issue an air construction permit (copy of DRAFT Permit enclosed) for the source detailed in the application specified above, for the reasons stated below.

The applicant, U.S. Department of Defense, applied on April 12, 1999, to the permitting authority for an air construction permit for the installation of a Media Blast Booth on Tyndall Air Force Base located five miles southeast of Panama City on Highway 98 in Bay County. The booth will be used to prepare operations related equipment for surface coating.

The permitting authority has permitting jurisdiction 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. This source is not exempt from permitting procedures. The permitting authority has determined that an air construction permit is required to commence or continue operations at the described facility.

The permitting authority intends to issue this permit based on the belief that reasonable assurances have been provided to indicate that operation of the source will not adversely impact air quality, and the source will comply with all appropriate provisions of Chapters 62-4, 62-204, 62-210, 62-212, 62-256, 62-257, 62-281, 62-296, and 62-297, F.A.C.

Pursuant to Sections 403.815 and 403.0872, F.S., and Rules 62-110.106 and 62-210.350(3), F.A.C., you (the applicant) are required to publish at your own expense the enclosed "PUBLIC NOTICE OF INTENT TO ISSUE PERMIT." The notice shall be published one time only within 30 (thirty) days in the legal advertisement section of a newspaper of general circulation in the area affected. For the purpose of these rules, "publication in a newspaper of general circulation in the area affected" means publication in a newspaper meeting the requirements of Sections 50.011 and 50.031, F.S., in the county where the activity is to take place. Where there is more than one newspaper of general circulation in the county, the newspaper used must be one with significant circulation in the area that may be affected by the permit. If you are uncertain that a newspaper meets these requirements, please contact the permitting authority at the address or telephone number listed below. The applicant shall provide proof of publication to the permitting authority's office, Northwest District, 160 Governmental Center, Pensacola, FL 32501-5794 (Telephone: 850/595-8364; Fax: 850/595-8096), within 7 (seven) days of publication. Failure to publish the notice and provide proof of publication within the allotted time may result in the denial of the permit pursuant to Rule 62-110.106, F.A.C.

The permitting authority will issue the permit, in accordance with the conditions of the enclosed DRAFT 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 issue the permit unless a timely petition for an administrative hearing is filed pursuant to Sections 120.569 and 120.57, F.S. Mediation under Section 120.573, F.S., will not be available for this proposed action.

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, F.S. The petition must contain the information set forth below and must be filed (received) in the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, FL 32399-3900 (Telephone: 850/488-9735; Fax: 850/487-4938). Petitions filed by the permit applicant or any of the parties listed below must be filed within 14 (fourteen) days of receipt of this notice of intent. Petitions filed by any other person must be filed within 14 (fourteen) days of publication of the public notice or within 14 (fourteen) days of receipt of this notice of intent, whichever occurs first. A petitioner must 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 28-5.207, F.A.C.

A petition must contain the following information:

(a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Permit File Number, and the county in which the project is proposed;

(b) A statement of how and when each petitioner received notice of the permitting authority's action or proposed action;

(c) A statement of how each petitioner's substantial interests are affected by the permitting authority's action or proposed action;

(d) A statement of the material facts disputed by the petitioner, if any;

(e) A statement of the facts that the petitioner contends warrant reversal or modification of the permitting authority's action or proposed action;

(f) A statement identifying the rules or statutes that the petitioner contends require reversal or modification of the permitting authority's action or proposed action; and,

(g) A statement of the relief sought by the petitioner, stating precisely the action that the petitioner wants the permitting authority to take with respect to the action or proposed action addressed in this notice of intent.

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 have the right to petition to become a party to the proceeding, in accordance with the requirements set forth above.

In addition to the above, a person subject to regulation has a right to apply to the Department of Environmental Protection for a variance from or waiver of the requirements of particular rules, on certain conditions, under Section 120.542, F.S. The relief provided by this state statute applies only to state rules, not statutes, and not to any federal regulatory requirements. Applying for a variance or waiver does not substitute or extend the time for filing a petition for an administrative hearing or exercising any other right that a person may have in relation to the action proposed in this notice of intent.

The application for a variance or waiver is made by filing a petition with the Office of General Counsel of the Department of Environmental Protection, 3900 Commonwealth Boulevard, Mail Station #35, Tallahassee, Florida 32399-3000. The petition must specify the following information:

- (a) The name, address, and telephone number of the petitioner;
- (b) The name, address, and telephone number of the attorney or qualified representative of the petitioner, if any;
- (c) Each rule or portion of a rule from which a variance or waiver is requested;
- (d) The citation to the statute underlying (implemented by) the rule identified in (c) above;
- (e) The type of action requested;
- (f) The specific facts that would justify a variance or waiver for the petitioner;
- (g) The reason why the variance or waiver would serve the purposes of the underlying statute (implemented by the rule); and,
- (h) A statement whether the variance or waiver is permanent or temporary and, if temporary, a statement of the dates showing the duration of the variance or waiver requested.

The Department will grant a variance or waiver when the petition demonstrates both that the application of the rule would create a substantial hardship or violate principles of fairness, as each of those terms is defined in Section 120.542(2), F.S., and that the purpose of the underlying statute will be or has been achieved by other means by the petitioner.

Persons subject to regulation pursuant to any federally delegated or approved air program should be aware that Florida is specifically not authorized to issue variances or waivers from any requirements of any such federally delegated or approved program. The requirements of the program remain fully enforceable by the Administrator of the United States Environmental Protection Agency and by any person under the Clean Air Act unless and until the Administrator separately approves any variance or waiver in accordance with the procedures of the federal program.

Executed in Pensacola, Florida.

STATE OF FLORIDA DEPARTMENT
OF ENVIRONMENTAL PROTECTION

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

CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this INTENT TO ISSUE PERMIT (including the PUBLIC NOTICE and the DRAFT permit) and all copies were sent by certified mail before the close of business on _____ to the person(s) listed:

Walter E. Buchanan III, Brig. Gen, U.S. Department of Defense

In addition, the undersigned duly designated deputy agency clerk hereby certifies that copies of this INTENT TO ISSUE PERMIT (including the PUBLIC NOTICE and the DRAFT permit) were sent by U.S. mail or electronically transmitted on the same date to the person(s) listed:

Michael Phelps, Env. Eng., Tyndall AFB
DEP Northwest District Branch Office, Panama City

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

(Clerk)

(Date)

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF INTENT TO ISSUE PERMIT
I.D. Number 0050024-005-AC

The Department of Environmental Protection gives notice of its intent to issue a permit to the U.S. Department of Defense to install a packaged unit media blast booth at Tyndall Air Force Base located five miles southeast of Panama City on Highway 98. This booth will be used to prepare operations related equipment for surface coating.

A person whose substantial interests are affected by the Department's proposed permitting decision may petition for an administrative proceeding (hearing) in accordance with Section 120.57, 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, within 14 days of publication of this notice. Petitioner shall mail a copy of the petition to the applicant at the address indicated above at the time of filing. Failure to file a petition within this time period shall constitute a waiver of any right such person may have to request an administrative determination (hearing) under Section 120.57, Florida Statutes.

The petition shall contain the following information; (a) The name, address, and telephone number of each petitioner, the applicant's name and address, the Department Permit File Number and the county in which the project is proposed; (b) A statement of how and when each petitioner received notice of the Department's action or proposed action; (c) A statement of how each petitioner's substantial interests are affected by the Department's action or proposed action; (d) A statement of the material facts disputed by petitioner, if any; (e) A statement of facts which petitioner contends warrant reversal or modification of the Department's action or proposed action; (f) A statement of which rules or statutes petitioner contends require reversal or modification of the Department's action or proposed action; and (g) A statement of the relief sought by petitioner, stating precisely the action petitioner wants the Department to take with respect to the Department's action or proposed action.

If a petition is filed, the administrative hearing process is designed to formulate agency action. Accordingly, 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 decision of the Department with regard to the application have the right to petition to become a party to the proceeding. The petition must conform to the requirements specified above and be filed (received) within 14 days of publication of this notice in the Office of General Counsel at the above address of the Department. Failure to petition within the allowed time frame constitutes a waiver of any right such person has to request a hearing under Section 120.57, Florida Statutes, and to participate as a party to this proceeding. Any subsequent intervention will only be at the approval of the presiding officer upon motion filed pursuant to Rule 28-5.207, F.A.C.

The application is available for public inspection during normal business hours, 8:00 a.m. to 5:00 p.m., Monday through Friday, except for legal holidays, at the Northwest District, 160 Governmental Center, Pensacola, Florida.

STATE OF FLORIDA
DEPARTMENT OF ENVIRONMENTAL PROTECTION
NOTICE OF PERMIT

In the matter of an
Application for Permit

DEP File No. 0050024-005-AC

By:
Walter E. Buchanan III, Brig. Gen
Commander, 325th Fighter Wing
445 Suwanee, Suite 101
Tyndall AFB, FL 32403-5541

Bay County

Enclosed is Permit Number 0050024-005-AC, issued pursuant to Section 403.087, Florida Statutes.

Any party to this Order (permit) has the right to seek judicial review of the permit pursuant to Section 120.68, Florida Statutes, by the filing of a Notice of Appeal pursuant to Rule 9.110, Florida Rules of Appellate Procedure, with the Clerk of the Department in the Office of General Counsel, 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 of Appeal must be filed within 30 days from the date this Notice 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 and all copies were mailed 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:

Michael Phelps, Env. Eng., Tyndall AFB
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, 0050024-005-AC, Bay County

We recommend issuing a construction permit to the U.S. Department of Defense to authorize the installation of a packaged unit blast media booth. The booth will be used to prepare operations related equipment for surface coating.

Process Description: The AFCESA/CEMIRT Media Blast Booth is a drive-in packaged unit, manufactured by Pauli Systems, Inc., Model No. PD411D. It will be located outside of existing building 1134.

Pollution Control Equipment: The booth exhausts through a dust collection assembly with internal filter cartridges. The filters are automatically cleaned by a pneumatic process (electronically controlled reverse air pulses). The 24 filter cartridges will provide a minimum PM removal efficiency of 99.7% at 0.5 micron and 99.9% at 1.0 micron.

Environmental Impact

Airborne Contaminant Emitted	FAC Rule	Estimated Emissions lbs/hr	Estimated Emissions T/yr	Allowable Emissions lb/hr	Allowable Emissions T/yr
PM	N/A	N/A	0.07	N/A	N/A
Objectionable Odors	62-296.320(2)	N/A	N/A	None allowed off plant property.	
VE	62-296.320(4)(b)1.	N/A	N/A	Less than 20% opacity	

Applicable Rules & Regulations: This activity is regulated in accordance with the general visible emissions standard contained in Rule 62-296.320(4)(b)1., F.A.C. There is no unit specific rule for this activity.

Compliance Monitoring: Initial EPA Method 9 test 30 days after startup of unit, and again once within the final 6 months of the operating permit for renewal.

Compliance History: This will be a new activity. Compliance history for the other air pollution activities at this facility has been good.

Fee Summary : AC1F, \$250. Correct was received with the application.

om:omc