Florida Department of Environmental Protection

Northwest District
160 W. Government Street, Suite 308
Pensacola, Florida 32502-5740

Rick Scott
Governor

Carlos Lopez-Cantera
Lt. Governor

Herschel T. Vinyard Jr.
Secretary

Date

Electronic Mail – Receive Receipt Requested
richard.martin.5@us.af.mil

PERMITTEE:

U. S. Air Force
Tyndall Air Force Base
119 Alabama Avenue
Tyndall Air Force Base, Florida 32403-5014
Authorized Representative:
Lt. Colonel, Richard W. Martin, Jr., USAF, Base Civil Engineer

Air Permit No. 0050024-015-AC
SIC No. 9711
Permit Expires: (1 yr from issuance)
Minor Source Air Construction Permit
After-the-fact Building 186 paint booth

FACILITY AND LOCATION

Tyndall Air Force Base is an existing facility located in Bay County, Florida approximately five miles southeast of Panama City on Highway 98. The UTM coordinates are Zone 16, 635.6 km East, and 3326.8 km North.

REGULATORY CLASSIFICATION

Title III: The existing facility is not a major source of hazardous air pollutants (HAP).

Title IV: The existing facility has no units subject to the acid rain provisions of the Clean Air Act.

Title V: The existing facility is not a Title V major source of air pollution (Chapter 62-213, F.A.C.).

PSD: The existing facility is not a PSD-major source of air pollution (Rule 62-212.400, F.A.C.).

PROJECT DESCRIPTION

EU ID No.	Emissions Unit Description
010	Paint booths

This after-the-fact permit authorizes adding an already constructed paint booth to existing emissions unit (EU) 010. The new booth has high efficiency filters (99.83%) for control of particulate matter (PM). There is no VOC (volatile organic compound) control. Adding the new paint booth results in a potential increase of 4.3 tons per year of VOC based on a maximum rate of 1300 gallons of paint per year. This emissions unit is subject to Rule 62-296.320(4)(b)1, F.A.C. - General VE Standard, and Rule 62-296.320(1), F.A.C. - General Pollutant Emission Limiting Standards for VOC Emissions and Organic Solvents Emissions. There is a facility wide limit of 80 tons VOC per year. The facility is a natural minor for PM.

SPECIFIC CONDITIONS

1. Previous Permits: This permit supplements all previously issued air construction and operation permits for this emissions unit. Except for the change noted below, the unit remains subject to the conditions of all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

2. New Equipment: Except for the change noted below, the new equipment authorized by this permit shall be subject to the same requirements, such as, but not limited to; emissions standards, recordkeeping, compliance testing and fuels limitations previously established for this emissions unit in all other legally binding air construction and operating permits. [Rules 62-4.070(3) and 62-210.300(1), F.A.C.]

DRAFT

3. After-the-fact paint booth in Building 186: The permittee is authorized to install a new Global Finishing Solutions (GFS) paint booth, Model No. PYRG-104924-2408 for special devices and aircraft parts in Building 186. Particulate matter emissions shall be controlled through the use of high efficiency filter media. [Rules 62-4.070(3) and 62-210.300(1), F.A.C., and Application No. 0050024-015-AC]

TESTING REQUIREMENTS

4. Initial Visible Emission (VE) Test. The emissions unit shall be tested to demonstrate initial compliance with the emissions standards for VE. The initial tests shall be conducted within 60 days after achieving permitted capacity, but not later than 180 days after initial operation of the unit. Notification of compliance testing and completed test reports may be submitted by electronic mail to nwdair@dep.state.fl.us . [Rules 62-4.070(3) and 62-297.310(7)(a)1, F.A.C.]

5. Test Requirements: The permittee shall notify the Compliance Authority in writing at least 15 days prior to any required tests. Notification may be sent via e-mail to nwdair@dep.state.fl.us . Tests shall be conducted in accordance with the applicable requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(7)(a)9, F.A.C.]

6. Test Methods: Required tests shall be performed in accordance with the following reference methods.

Method	Description of Method and Comments
9	Visual Determination of the Opacity of Emissions from Stationary Sources

The above methods are described in Appendix A of 40 CFR 60 and are adopted by reference in Rules 62-204.800, F.A.C. No other methods may be used unless prior written approval is received from the Department. [Rules 62-204.800, F.A.C.; and Appendix A of 40 CFR 60]

7. Test Reports: The permittee shall prepare and submit reports for all required tests in accordance with the requirements specified in Appendix D (Common Testing Requirements) of this permit. [Rule 62-297.310(8), F.A.C.]

8. Appendices: The following Appendices are attached as part of this permit:
   a. Appendix A. Citation Formats and Glossary of Common Terms;
   b. Appendix B. General Conditions;
   c. Appendix C. Common Conditions
   d. Appendix D. Common Testing Requirements

STATEMENT OF BASIS

This air pollution construction permit is issued under the provisions of Chapter 403 of the Florida Statutes (F.S.), and Chapters 62-4, 62-210, and 62-212 of the Florida Administrative Code (F.A.C.).

Executed in Pensacola, Florida.

_____

J. Charles Harp
Program Administrator
Waste Management/Air Resources

DRAFT

Copies furnished to:
David O'Brien III, Air Programs Emission Manager, USAF Tyndall AFB, david.obrien.23@us.af.mil
James Garrison, P.E.; AFCEC/CZO, james.garrison.6@us.af.mil
Tracy White, DEP Northwest District Branch Office, Panama City, tracy.a.white@dep.state.fl.us

DRAFT