



# Florida Department of Environmental Protection

Southwest District Office  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926

Rick Scott  
Governor

Jennifer Carroll  
Lt. Governor

Herschel T. Vinyard Jr.  
Secretary

## FINAL PERMIT

### PERMITTEE

Lockheed Martin Aeronautics Company  
9300 28<sup>th</sup> Street North  
Pinellas Park, FL 33782

Authorized Representative:  
Mr. Steve Cobb, General Manager

Air Permit No. 1030400-016-AF  
Permit Expires: 04/19/2016  
Site Name: Pinellas Park Facility  
Federally Enforceable State Operation  
Permit (FESOP)  
Project Name: Operation Permit Revision

This is the final permit for the revision of Air Operation Permit No. 1030400-012-AF for continued operation of the modified Emissions Unit 001 (Surface Coating of Aerospace Parts and Components) at the Pinellas Park Facility (Standard Industrial Classification No. 3728). The modification of Emissions Unit 001 (expansion of the facility to the neighboring building located at 2801 Gateway Centre Parkway and construction of an additional paint booth – Paint Spray Booth No. 3) was authorized by Air Construction Permit No. 1030400-013-AC. The facility is located in Pinellas County at 9300 28<sup>th</sup> Street North and 2801 Gateway Centre Parkway in Pinellas Park, Florida. The UTM coordinates are Zone 17, 335.3 km East, and 3082.6 km North.

This final permit is organized by the following sections:

Section 1. General Information

Section 2. Administrative Requirements and Facility-wide Specific Conditions

Section 3. Emissions Unit Specific Conditions

Section 4. Appendices

Due to the technical nature of the project, the permit contains numerous acronyms and abbreviations, which are defined in Appendix A of Section 4 of this permit.

This air pollution permit is issued under the provisions of: Chapter 403 of the Florida Statutes (F.S.) and Chapters 62-4, 62-204, 62-210, 62-212, 62-296 and 62-297 of the Florida Administrative Code (F.A.C.). The permittee is authorized to conduct the proposed work in accordance with the conditions of this permit.

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, Mail Station #35, 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 final permit. 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 final permit, 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.

All petitions filed under these rules shall contain:

- (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 when and how the petitioner received notice of the agency decision;
- (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, including the specific facts the petitioner contends warrant reversal or modification of the agency's proposed action;
- (f) A statement of the specific rules or statutes the petitioner contends require reversal or modification of the agency's proposed action, including an explanation of how the alleged facts relate to the specific rules or statutes; 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 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 of the Florida Administrative Code.

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, 3900 Commonwealth Boulevard, Mail Station #35, 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 Hillsborough County, Florida

Kelley M. Boatwright 10/19/12  
Kelley M. Boatwright Effective Date  
District Air Permitting Administrator  
Southwest District

### CERTIFICATE OF SERVICE

The undersigned duly designated deputy agency clerk hereby certifies that this Final Air Permit package (including the Final Permit and the Appendices) was sent by electronic mail (or a link to these documents made available electronically on a publicly accessible server) with received receipt requested before the close of business on the date indicated below to the persons listed below.

Mr. Steve Cobb  
Lockheed Martin Aeronautics Company  
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Mr. Gary Robbins  
Pinellas County Air Quality Division  
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Ms. Danielle Henry  
SWD Air Compliance Manager  
Danielle.D.Henry@dep.state.fl.us

Clerk Stamp

**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.

Carol L. Moore 10/19/12  
(Clerk) (Date)

## SECTION 1. GENERAL INFORMATION (FINAL)

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### FACILITY AND PROJECT DESCRIPTION

#### Lockheed Martin Aeronautics Company – Pinellas Park Facility

This facility manufactures aerospace parts and components, as well as non-aerospace parts and components (such as metal signs, metal frames, and other miscellaneous parts and products).

The existing facility consists of the following emissions units:

| Facility ID No. 1030400 |   |
|-------------------------|---|
| ID No.                  | Emission Unit Description                             |
| 001                     | Surface Coating of Aerospace Parts and Components     |
| 002                     | Surface Coating of Non-Aerospace Parts and Components |

**NOTE:** Please reference the Permit No., Facility ID, and Emission Unit ID in all correspondence, test report submittals, applications, etc.

#### Exempt Emission Units/Activities

- Liquid storage tanks/vessels, including but not limited to oil reservoirs, caustic/acid baths, one 3,000 gallon ethylene glycol tank, and one 6,000 gallon dilute ethylene glycol tank.  
[Rule 62-210.300(3)(b), F.A.C.]
- Fire and safety equipment, including fire extinguishers.  
[Rule 62-210.300(3)(a), F.A.C.]
- Plant maintenance and upkeep activities (e.g., grounds keeping, general repairs, cleaning, and welding).  
[Rules 62-210.300(3)(a) and (b), F.A.C.]
- Application of fungicide, herbicide, or pesticide.  
[Rule 62-210.300(3)(a), F.A.C.]
- Laboratory equipment used exclusively for chemical or physical purposes.  
[Rule 62-210.300(3)(a), F.A.C.]
- Petroleum lubrication systems.  
[Rule 62-210.300(3)(a), F.A.C.]
- Cold storage refrigeration equipment.  
[Rule 62-210.300(3)(a), F.A.C.]

#### FACILITY REGULATORY CLASSIFICATION

- The facility is not a major source of hazardous air pollutants (HAPs).
- The facility has no units subject to the acid rain provisions of the Clean Air Act (CAA).
- The facility is not a Title V major source of air pollution in accordance with Chapter 62-213, F.A.C.
- The facility is not a major stationary source in accordance with Rule 62-212.400(PSD), F.A.C.
- This facility is a synthetic non-Title V source for volatile organic compounds (VOC) and hazardous air pollutants (HAPs). The emission limitations will ensure that the facility's VOC, individual HAP, and total HAP emissions will be below the threshold for a Title V source.

## SECTION 1. GENERAL INFORMATION (FINAL)

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*{Permitting Notes: As identified in the permit application submitted on September 26, 2012, the facility is subject to 40 CFR 63 Subpart HHHHHH – National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources and 40 CFR 63 Subpart WWWW – National Emission Standards for Hazardous Air Pollutants: Area Source Standards for Plating and Polishing Operations. Subpart HHHHHH is applicable to facility's surface coating operations (Emissions Unit Nos. 001 and 002), while Subpart WWWW is applicable to the chromate conversion process tank that is part of the chemical film process line. As of the effective date of this permit, these two Subparts have not been adopted by the Florida Department of Environmental Protection and therefore are not integrated into this permit.*

*Surface Coating of Aerospace Parts and Components (Emission Unit No. 001) is limited to the requirements in the Department's variance OGC File No. 10-3711 issued by the Department on March 4, 2011, with an expiration date of March 4, 2013. (Note: A new variance request was submitted to the Department (Tallahassee) on August 22, 2012. As of the effective date of this permit, the new variance has not been issued.) The current variance replaced previously issued variances (OGC File No. 04-1938, OGC File No. 06-2014, and OGC File No. 08-2082). The permittee requested the variance to allow the facility to operate in accordance with the U.S. EPA Guideline Series EPA-453/R-97-004 (CTG) titled, "Control of Volatile Organic Compound Emissions from Coating Operations at Aerospace Manufacturing and Rework Operations" dated December 1997, in place of the VOC RACT requirements for Surface Coating of Miscellaneous Metal Parts and Products in Rule 62-296.513, F.A.C. The CTG also (as referenced by citation) includes only the VOC requirements contained in 40 CFR 63, Subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities.}*

### PERMIT HISTORY/AFFECTED PERMITS

Replaces Air Operation Permit No. 1030400-012-AF and incorporates the terms and conditions of Air Construction Permit No. 1030400-013-AC. Cross reference with Air Construction Permit No. 1030400-014-AC.

## SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (FINAL)

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1. Permitting Authority: The permitting authority for this project is the Florida Department of Environmental Protection (Department), Southwest District's Air Resource Management Section. The Southwest District's mailing address and phone number is:

Florida Department of Environmental Protection  
Southwest District Office  
Air Resource Management Section  
13051 North Telecom Parkway  
Temple Terrace, Florida 33637-0926  
Telephone: 813-632-7600

All documents related to applications for permits shall be submitted to the above address.
2. Compliance Authority: All documents related to compliance activities such as reports, tests, and notifications shall be submitted to the Pinellas County Air Quality Division (PCAQD). The mailing address and phone number of the Local Air Program is:

Pinellas County Air Quality Division  
300 South Garden Avenue  
Clearwater, Florida 33756  
Telephone: 727-464-4422.
3. 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;
  - e. Appendix E. Attachment CTG (*Note: the Aerospace Control Technology Guidelines document requires compliance with the VOC requirements of 40 CFR 63, Subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities*); and
  - f. Appendix F. Attachment MACT VOC.
4. Applicable Regulations, Forms and Application Procedures: Unless otherwise specified in this permit, the construction and operation of the subject emissions units shall be in accordance with the capacities and specifications stated in the application. The facility is subject to all applicable provisions of: Chapter 403, F.S.; and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296 and 62-297, F.A.C. Issuance of this permit does not relieve the permittee from compliance with any applicable federal, state, or local permitting or regulations.
5. New or Additional Conditions: For good cause shown and after notice and an administrative hearing, if requested, the Department may require the permittee to conform to new or additional conditions. The Department shall allow the permittee a reasonable time to conform to the new or additional conditions, and on application of the permittee, the Department may grant additional time.

[Rule 62-4.080, F.A.C.]
6. Modifications: Unless otherwise exempt by rule, the permittee shall not initiate any construction, reconstruction, or modification at the facility and shall not install/modify any pollution control device at the facility without obtaining prior authorization from the Department. Modification is

## SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (FINAL)

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defined as: Any physical change or changes in the method of operations or addition to a facility that would result in an increase in the actual emissions of any air pollutant subject to air regulations, including any not previously emitted, from any emission unit or facility.

[Rules 62-210.200 - Definition of "Modification" and 62-210.300(1)(a), F.A.C.]

7. Objectionable Odor Prohibited: No person shall cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An "Objectionable Odor" is defined as any odor present in the outdoor atmosphere, which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rules 62-210.200 and 62-296.320(2), F.A.C.; Pinellas County Code, Section 58-178]

8. Volatile Organic Compounds (VOC) and Organic Solvents (OS) Emissions: In addition to Condition 6. of Appendix C., for the operations not addressed by the CTG and/or MACT VOC requirements, the permittee shall comply with the following:

- a. all materials containing volatile organic compounds/organic solvents (VOC/OS) shall be stored in closed containers, or in small automatic closing safety cans, or in devices that provide an equivalent level of emission control;
- b. clean-up solvent washings (VOC/OS) shall be directed into containers that prevent evaporation into the atmosphere;
- c. all equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner as to minimize leaks, fugitive VOC/OS emissions and spills of materials containing VOC/OS;
- d. work practice controls, when practicable, shall include limiting the amount of clean-up VOC/OS issued to employees;
- e. maintain tightly fitting covers, lids, etc. on all containers of VOC/OS when they are not being handled, tapped, or in active use;
- f. prevent excessive air turbulence across exposed VOC/OS;
- g. where possible and practical, procure/fabricate a tightly fitting cover for any open trough, basin, bath, etc. of VOC/OS so that it can be covered when not in use;
- h. all VOC/OS spills shall be attended to immediately and the waste properly disposed of, recycled, etc;
- i. the associated forced air vents (i.e., building ventilation systems) shall be operated as necessary to provide adequate collection and dispersion of VOC/OS vapors.

[Construction Permit 1030400-013-AC]

9. Unconfined Particulate Emissions: In addition to Condition 9. of Appendix C., reasonable precautions to prevent emissions of unconfined particulate matter at this facility include the following requirements:

- a. curtailing and/or ceasing outdoor surface coating activities during unfavorable wind conditions if unconfined emissions can be visually observed at or near the property line;
- b. when operating, the 3 paint spray booths shall each utilize filters in accordance with the paint spray booths manufacturer's specifications or the facility's operational and maintenance procedures.

[Construction Permit 1030400-013-AC]

## SECTION 2. ADMINISTRATIVE REQUIREMENTS AND FACILITY-WIDE SPECIFIC CONDITIONS (FINAL)

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10. Fugitive Emissions Opacity Requirement: As an indicator that the precautions to control unconfined particulate matter emissions, as required by Condition 9. of Appendix C. and Specific Condition 9., are adequate, emissions of unconfined particulate matter from the facility (including the three paint spray booths) should not exceed 5%. If this value is exceeded, it shall not be a violation in and of itself, but an indication that additional control precautions and/or work practices may be necessary.  
[Rule 62-4.070(3), F.A.C.]
11. Annual Operating Report: On or before **April 1** of each year, the permittee shall submit a completed DEP Form 62-210.900(5), "Annual Operating Report for Air Pollutant Emitting Facility" (AOR) for the preceding calendar year. The report may be submitted electronically in accordance with the instructions received with the AOR package sent by the Department, or a hardcopy may be sent to the Compliance Authority.  
[Rule 62-210.370(3), F.A.C.]
12. Operation Permit Renewal Application: A completed application for renewal of the operation permit shall be submitted to the Permitting Authority with a copy to the Pinellas County Air Quality Division (Compliance Authority) no later than 60 days prior to the expiration date of the operation permit. To properly apply for an operation permit, the applicant shall submit the following:
  - a. the appropriate permit application form (*see current version of Rule 62-210.900, F.A.C. (Forms and Instructions), and/or FDEP Division of Air Resource Management website at: <http://www.dep.state.fl.us/air/>*);
  - b. the appropriate operation permit application fee from Rule 62-4.050(4)(a), F.A.C.; and
  - c. copies of the most recent month of records/logs specified in Specific Condition Nos. A.3., A.4., B.5., B.6., C.3., C.4., and C.5.

[Rules 62-4.030, 62-4.050, 62-4.070(3), 62-4.090, 62-210.300(2), and 62-210.900, F.A.C.]



### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

#### A. Common Conditions for EU 001 – Surface Coating of Aerospace Parts and Components and EU 002 – Surface Coating of Non-Aerospace Parts and Components

This section of the permit addresses the common conditions for Emissions Unit Nos. 001 and 002.

#### PERFORMANCE RESTRICTIONS

- A.1. Hours of Operation: The hours of operation are not limited (8,760 hours per year).  
[Rules 62-4.070(3) and 62-210.200(PTE), F.A.C.; Construction Permit 1030400-013-AC]

#### EMISSIONS STANDARDS

- A.2. Emission Limitations: Emissions from Emissions Unit Nos. 001 and 002 shall not be equal to or exceed the following per any consecutive 12-month period:

| <u>Pollutant</u> | <u>Tons</u> |
|------------------|-------------|
| VOC              | 23.0        |
| Individual HAP   | 9.0         |
| Total HAP        | 23.0        |

Based on these emission limitations, additional emissions units/activities at the facility may not be eligible to utilize the Categorical Exemptions in Rule 62-210.300(3)(a), F.A.C. or the Generic and Temporary Exemptions in Rule 62-210.300(3)(b), F.A.C.  
[Rule 62-210.200(PTE), F.A.C.; Construction Permit 1030400-013-AC]

#### RECORDS AND REPORTS

- A.3. VOC Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:
- facility name, facility ID No. (1030400), Emissions Unit ID Nos. (001 & 002);
  - month/year;
  - a cumulative combined (Emissions Unit Nos. 001 and 002) total of the VOC emissions for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-013-AC]

- A.4. HAP Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:
- facility name, facility ID No. (1030400), Emissions Unit ID Nos. (001 & 002);
  - month/year;
  - a cumulative combined (Emissions Unit Nos. 001 and 002) total of the HAP emissions for each individual HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period);
  - a cumulative combined (Emissions Unit Nos. 001 and 002) total of the HAP emissions for total HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-013-AC]

### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

#### **A. Common Conditions for EU 001 – Surface Coating of Aerospace Parts and Components and EU 002 – Surface Coating of Non-Aerospace Parts and Components**

- A.5. Documentation: Supporting documentation (e.g., MSDS sheets, "As Supplied" sheets, "As Applied" sheets, purchase orders, inventory records, production records, etc.) for the records required by Specific Condition Nos. A.3., A.4., B.5., B.6., C.3., C.4., and C.5., which shall include sufficient information to determine VOC and HAP emissions shall also be kept. These records may be maintained in either a hardcopy or electronic format.  
[Rule 62-4.070(3), F.A.C.]
- A.6. Records Retention: The records required by this permit shall be recorded in a permanent form suitable for inspection by the Pinellas County Air Quality Division (PCAQD) and this office upon request, and shall be retained at the facility for a minimum of the most recent five (5) year period. Daily records shall be completed within 10 business days and monthly records shall be completed by the end of the following month. These records may be maintained in either a hardcopy or electronic format.  
[Rules 62-4.070(3) and 62-4.160, F.A.C.]

## SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

### B. EU 001 – Surface Coating of Aerospace Parts and Components

This section of the permit addresses the following emissions unit.

| ID No. | Emissions Unit Description  |
|--------|---|
| 001    | <p>For surface coatings of aerospace parts and components. Typical operations associated with Emissions Unit No. 001 may consist of materials receiving, machining and mechanical processing, coating application, heat treating, cleaning, metal processing and finishing, coating removal (depainting), composite processing, and testing. Emissions Unit No. 001 may utilize all three paint spray booths as well as fabrication area(s) at the facility.</p> <p>- Paint Spray Booth No. 1 (north) is manufactured by Blowtherm and is 30' x 14' x 12' with a 42' high stack.</p> <p>- Paint Spray Booth No. 2 (south) is manufactured by Global Finishing Solutions and is 30' x 18' x 9' with a 46 foot high stack. <i>Note: Paint Spray Booth No. 2 has been authorized (Construction Permit No. 1030400-014-AC) to be replaced with a larger booth. This new booth is manufactured by Lee Patterson Co. and is 34.25' x 19' x 13.5' with a 46' high stack.</i></p> <p>- Paint Spray Booth No. 3 (in building adjacent to the main building, located at 2801 Gateway Centre Parkway) is manufactured by Lee Patterson Co. and is 30' x 18' x 9' with a 38' high stack.</p> <p>This emissions unit is limited to the requirements in the Department's current variance OGC File No. 10-3711 issued by the Department on March 4, 2011, with an expiration date of March 4, 2013.</p> |

### PERFORMANCE RESTRICTIONS

- B.1. Operating Limitations: This emissions unit is limited to the manufacturing of aerospace components and parts.  
[Rule 62-210.200(PTE), F.A.C.; Construction Permit 1030400-013-AC]
- B.2. Variance Extension Request: If necessary, the permittee may request an extension of the current variance to the Department's Division of Air Resource Management in Tallahassee at least 180 days prior to the variance's expiration date.  
[Rule 62-4.070(3), F.A.C.]
- B.3. Authorization to Operate: Emissions Unit No. 001 is authorized to operate up to the expiration date of the Department's variance OGC File No. 10-3711, which is March 4, 2013, or up to any extended date issued by the Department or up to the expiration date of this permit, whichever is earlier.  
[Rule 62-4.070(3), F.A.C.]

### EMISSIONS STANDARDS

- B.4. Other Emission and Related Applicable Requirements: The permittee shall also comply with the requirements contained in the following documents. In addition, exemptions provided in these documents shall also apply to the permittee's operations.
- Attachment CTG (Note, the Aerospace CTG document requires compliance with the VOC requirements of 40 CFR 63, Subpart GG – National Emission Standards for Aerospace Manufacturing and Rework Facilities);
  - Attachment MACT VOC.

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### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

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#### B. EU 001 – Surface Coating of Aerospace Parts and Components

[Rule 62-4.070(3), F.A.C.; FDEP Variance OGC File No. 10-3711; Construction Permit 1030400-013-AC]

#### RECORDS AND REPORTS

*{Permitting Note: Even though Attachment CTG and Attachment MACT VOC contain exemptions from various requirements, usage of all VOC and/or HAP containing materials shall be recorded as part of Specific Condition Nos. B.5. and B.6.}*

- B.5. VOC Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:
- facility name, facility ID No. (1030400), Emissions Unit ID No. (001), Surface Coating of Aerospace Parts and Components;
  - month/year;
  - the total quantity (gallons) and VOC content (lbs./gallon) of each VOC containing material used for the month;
  - the calculated monthly total VOC emissions, in pounds or tons per month (based upon material VOC content);
  - a cumulative total of the VOC emissions for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-013-AC]

- B.6. HAP Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:
- facility name, facility ID No. (1030400), Emissions Unit ID No. (001), Surface Coating of Aerospace Parts and Components;
  - month/year;
  - the total quantity (gallons) and HAP content (lbs./gallon) of each HAP containing material used for the month;
  - the calculated monthly HAP emissions for each individual HAP, in pounds or tons per month (based upon material HAP content);
  - the calculated monthly HAP emissions for total HAP, in pounds or tons per month;
  - a cumulative total of the HAP emissions for each individual HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period);
  - a cumulative total of HAP emissions for total HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-013-AC]

### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

#### C. EU 002 – Surface Coating of Non-Aerospace Parts and Components

This section of the permit addresses the following emissions unit.

| ID No. | Emissions Unit Description  |
|--------|---|
| 002    | <p>For surface coatings of non-aerospace parts and components, such as metal signs, metal frames, and other miscellaneous parts and products, which is conducted in Paint Spray Booth No. 1 (north). This booth is manufactured by Blowtherm and is 30' x 14' x 12' with a 42 foot high stack.</p> <p>This emissions unit is subject to the volatile organic compound reasonably available control technology (VOC RACT) requirements of Rule 62-296.513, F.A.C. – Surface Coating of Miscellaneous Metal Parts and Products.</p> |

#### PERFORMANCE RESTRICTIONS

- C.1. Operating Limitations: This emissions unit is limited to surface coating of non-aerospace parts and components such as metal signs, metal frames, and other miscellaneous metal parts and products.  
[Rule 62-210.200(PTE), F.A.C.; Construction Permit 1030400-006-AC]

#### EMISSIONS STANDARDS

- C.2. VOC RACT Emission Limiting Standards: The permittee shall comply with the following:
- VOC emissions shall not exceed 3.5 lbs. VOC/gallon of coating (excluding water) delivered to a coating applicator in a coating application system that is air dried or forced warm air dried at temperatures up to 194°F;
  - all VOC emissions from solvent washings shall be considered in the emission limitations in Specific Condition C.2.a., unless the solvent is directed into containers that prevent evaporation into the atmosphere;
  - compliance with Specific Condition No. C.2.a. may be demonstrated for surface coating on a 24-hour weighted average basis for a single emissions unit point with a single emission limit.
- [Rules 62-296.500(5), 62-296.513(2)(a)2., and 62-296.513(2)(c), F.A.C.]

#### RECORDS AND REPORTS

- C.3. Daily Recordkeeping Requirements: A **daily** usage log shall be kept to document compliance with the limitations of Condition Nos. A.2 and C.2. At a minimum the log shall contain the following:
- facility name, facility ID No. (1030400), Emissions Unit ID No. (002), Surface Coating of Non-Aerospace Parts and Components;
  - date (month/day/year);
  - the applicable rule – Rule 62-296.513, F.A.C;
  - the application method and substrate type (metal), which is being coated;
  - the amount and type of adhesive, coatings (including catalyst and reducer for multi-component coatings), solvent, including exempt compounds;
  - what “As Applied” coating was used, indicating quantities used (gallons), lbs. VOC/gallon of coating (excluding water);

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### SECTION 3. EMISSION UNIT SPECIFIC CONDITIONS (FINAL)

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#### C. EU 002 – Surface Coating of Non-Aerospace Parts and Components

- g. the amount of surface preparation, clean-up, wash-up of solvent (including exempt compounds) used and the VOC content of each;
- h. a statement of what solvent was used for equipment clean-up;
- i. the facility shall have on hand completed EPA “As Supplied” and “As Applied” sheets, as applicable, for all paints, coatings, and solvents used.

[Rules 62-4.070(3) and 62-296.500(2)(b), F.A.C.; Construction Permit 1030400-006-AC]

C.4. VOC Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:

- a. facility name, facility ID No. (1030400), Emissions Unit ID No. (002), Surface Coating of Non-Aerospace Parts and Components;
- b. month/year;
- c. the total quantity (gallons) and VOC content (lbs./gallon) of each VOC containing material used for the month;
- d. the calculated monthly total VOC emissions, in pounds or tons per month (based upon material VOC content);
- e. a cumulative total of the VOC emissions for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-006-AC]

C.5. HAP Monthly Recordkeeping Requirements: In order to demonstrate compliance with the emission limitations of Specific Condition No. A.2., the permittee shall monthly record the following:

- a. facility name, facility ID No. (1030400), Emissions Unit ID No. (002), Surface Coating of Non-Aerospace Parts and Components;
- b. month/year;
- c. the total quantity (gallons) and HAP content (lbs./gallon) of each HAP containing material used for the month;
- d. the calculated monthly HAP emissions for each individual HAP, in pounds or tons per month (based upon material HAP content);
- e. the calculated monthly HAP emissions for total HAP, in pounds or tons per month;
- f. a cumulative total of the HAP emissions for each individual HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period);
- g. a cumulative total of HAP emissions for total HAP for the most recent consecutive 12-month period (tons per consecutive 12-month period).

[Rule 62-4.070(3), F.A.C.; Construction Permit 1030400-006-AC]