Permittee:
Department of the Navy
Naval Air Station, Jacksonville
P.O. Box 2
Jacksonville, FL 32212-1002

FINAL Permit No.: 0310215-032-AC
Facility ID No.: 0310215
SIC No.: 97
Project: Two Abrasive Blast Booths

This is a permit for the Department of the Navy, Naval Air Station, Jacksonville, to construct two abrasive blast booths to replace the two existing blast booths (EU Nos. 077and 078) located in Building 101. The facility is located at 6801 Roosevelt Blvd., Jacksonville, Duval County, FL.; UTM Coordinates: Zone 17, 434.2 km East and 3343.2 km North; Latitude: 30° 13′ 14″ North and Longitude: 81° 41′ 02″ West.

This permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (FAC), Rules 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. 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 Environmental and Compliance Department, Environmental Quality Division (Permitting Authority), and made a part hereof, in accordance with the terms of this permit.

Title V Air Operation Permit Revision Application Due Date: December 1, 2010
Expiration Date: May 31, 2011

Environmental and Compliance Department
Environmental Quality Division

Robert Steven Pace, P.E., Manager
Air Quality Branch

RSP/GHB

Section I. Facility Information

Subsection A. Project/Facility Description

This construction permit is for constructing two abrasive blast booths to replace the two existing blast booths (EU Nos. 077and 078) located in Building 101.

The blasting operation is subject to the requirements of 40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities, and 40 CFR 63, Subpart A, General Provisions, as delineated in Table 1 of Subpart GG and Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB].

The facility is major for purposes of Prevention of Significant Deterioration. The construction of the blast booths will not require a Best Available Control Technology Determination because there is not a significant pollutant increase associated with the construction.

Based upon the Title V air construction permit application received August 27, 2009, this facility is a major source of air pollution because the potential emissions of regulated criteria air pollutants are equal to or greater than 100 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) are equal to or greater than 10 tons per year for a single HAP and equal to or greater than 25 tons per year for total HAPs in accordance with Rule 62-210, FAC, and JEPB Rule 2.301.

The NAS, Jacksonville, is a large base occupying about 3400 acres. Approximately 115 tenant commands are housed at the station. Air pollutant emissions may be categorized as belonging to one of three major organizations, which are described below:

1. NAS provides training of aircraft crews and commands, supports fleet and shore based personnel, maintains and operates facilities, and provides services and materials to support operation of the aviation activities. Air pollutant pemitting activities associated with NAS primarily result from operation and maintenance of military aircraft.

2. The Public Works Department (PWD) maintains support facilities, such as the boiler plants and other utilities. PWD contracts facility maintenance operations with an outside contractor. Air pollution activities are primarily from combustion of fuels in boilers.

3. The Fleet readiness Center Southeast (FRCSE) Jacksonville has been in operation since 1940. With over 4,000 employees it occupies more than 50 buildings in over 102 acres at the east end of NAS. FRCSE personnel perform in-depth and intermediate level maintenance, repair, and rework of naval aircraft, engines, components, accessories, and ground support equipment. Most of the air pollutant emitting activities at the NAS Jacksonville complex are located within FRSCE, and consist of activities such as aircraft surface coating and depainting operations, solvent use operations, a chrome electroplating facility, abrasive blasting operations, engine testing, and intermediate maintenance of military aircraft.

Intermediate level maintenance performed by FRSCE consists of several divisions that perform various maintenance activities:

a. The 400 Division performs maintenance on aircraft engines.
b. The 500 Division is responsible for airframes maintenance.
c. The 600 Division performs maintenance on aircraft electronic equipment.
d. The 700 Division performs maintenance on aircraft weapons and ordnance systems.
e. The 800 Division maintains life support equipment on the aircraft.
f. The 900 Division performs maintenance on aircraft ground support equipment.

Subsection B. Summary of Emission Unit (EU) ID Nos. and Brief Descriptions

EU ID No.	Brief Description	Control Device
113	Abrasive Blast Booth No. 1, Bldg. 101	Cartridge Baghouse
114	Abrasive Blast Booth No. 2, Bldg. 101	Cartridge Baghouse

Subsection C. Relevant documents

Title V Air Operation Permit 0310215-031-AV
Air Construction permit application received August 27, 2008
Additional information requested on September 26, 2008
Additional information received on January 23, 2009

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein 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 Permitting Authority 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 process 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 Permitting Authority.

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. Neither 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 is not a waiver of or approval of any other Permitting Authority's permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement 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 the Permitting Authority's rules, unless specifically authorized by an order from the Permitting Authority.

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, as required by the Permitting Authority's 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 the Permitting Authority's rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Permitting Authority personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:

   a. Have access to and copy any records that must be kept under conditions of the permit;
   b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
   c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or the Permitting Authority's 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 Permitting Authority with the following information:

   a. A description of and cause of noncompliance; and
   b. The period of noncompliance, including 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 Permitting Authority for penalties or 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 Permitting Authority may be used by the Permitting Authority as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or the Permitting Authority's rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in the Permitting Authority's 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 the Permitting Authority's rules.

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

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    ( ) Certification of Compliance with State Water Quality Standards (Section 401, PL 92-500)
    ( ) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:

    a. Upon request, the permittee shall furnish all records and plans required under the Permitting Authority's rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Permitting Authority.
    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 this 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 the Permitting Authority's rule.
    c. Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The date(s) analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Permitting Authority, 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 that relevant facts were not submitted or were incorrect in the permit application or in any report to the Permitting Authority, such facts or information shall be corrected promptly.
    [Rule 62-4.160, FAC, and Rule 2.1301, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Any revision(s) to a permit (and application) shall be submitted to and approved by the Permitting Authority prior to implementing.
   [Rule 62-4.080(2), FAC, and Rule 2.1301, JEPB]

2. Control equipment shall be provided with a method of access that is safe and readily accessible.
   [Rule 62-297.310(6), FAC, and Rule 2.1101, JEPB]

3. Permittee shall submit an annual operation report (AOR) to the Permitting Authority for this (these) emission unit(s) on the form(s) supplied for each calendar year. The AOR for calendar year 2008 (if applicable) is due on or before May 1, 2009. In subsequent years the report is due on or before April 1.
   [Rule 62-210.370(3), FAC, and Rule 2.301, JEPB]

4. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Air Operation Permit revision with compliance records and test results, to the Permitting Authority one hundred eighty (180) days prior to the expiration date of the construction permit or 90 days after completion of compliance testing, whichever occurs first. The permittee may continue to operate in compliance with all terms of the construction permit until its expiration date. Operation beyond the construction permit expiration date requires a valid Title V Air Operation Permit Revision to operate.
[Rule 62-210.300(2), FAC, and Rule 2.301, JEPB]

5. The construction shall reasonably conform to the plans and schedule submitted in the application. If the permittee is unable to complete construction/modification on schedule, the Permitting Authority must be notified in writing sixty (60) days prior to the expiration of the construction permit. A new schedule and request for an extension of the construction permit must be submitted.
[Rule 62-4.080(3), FAC, and Rule 2.1301, JEPB]

6. 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), FAC, and Rule 2.1001, JEPB]

7. The facility shall be subject to City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1. [Final Rules with Respect to Organization, Procedure, and Practice]

8. The facility shall be subject to JEPB Rule 2, Part Nos. I through VII, and Part Nos. IX through XIII.

9. The permittee shall submit all compliance related notifications and reports required by this permit to:

Environmental and Compliance Department
Environmental Quality Division
117 West Duval Street, Suite 225
Jacksonville, FL 32202
Telephone: 904/630-4900
Fax: 904/630-3638

Section III. Emission Units and Conditions

Emission Unit No. 113 - Abrasive Blast Booth No. 1, Bldg. 101

Emission Unit Description:	Abrasive blasting of aircraft components, including wings and stabilizers; conducted using aluminum oxide, glass, corn hybrid polymer (CHP), plastic, or similar materials as abrasive blast material. Located in Building 101.
PM control device:	Pauli Systems QX Filter Cartridge Dust Collector/Baghouse with an estimated maximum airflow rate of 22,000 dscfm

Emission Limitations and Standards

1. This EU shall be allowed to operate a maximum of 2400 hours per year.
[Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]

2. The maximum process rate of abrasive blast media to the blasting operation shall be 1000 lbs/hr.
[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

3. 40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework

Facilities, and 40 CFR 63, Subpart A, General Provisions, shall apply to this emission unit.

Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emissions unit.

4. PM emissions shall be limited to 0.03 gr/dscf (5.66 lbs/hr and 6.79 tons per year).
[Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

5. Visible Emissions (VE) shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

6. The owner/operator shall operate the blasting booth, air handling and collection system, and the baghouse in accordance with manufacturer's specifications. During periods of malfunction of such equipment the owner/operator may use substitute materials during the repair period provided the substitute materials used are those available that minimize organic HAP emissions. In no event shall substitute materials be used for more than 15 days annually, unless such materials are organic HAP free.
[40 CFR 63.746(b)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

7. The owner/operator shall only perform the depainting operation in the enclosed blasting booth. The airstream from the blast booth shall be passed through a baghouse prior to discharge to the atmosphere.
[40 CFR 63.746(b)(4)(ii)(B), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

8. The owner/operator shall conduct the handling and transfer of all wastes produced from this operation, which may contain HAP materials, to and from containers, tanks, vats, vessels, and piping systems in such a manner that minimizes spills.
[40 CFR 63.748, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

9. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-297.401, FAC and Rule 2.1101, JEPB]

10. Initial VE testing shall be conducted within 60 days after achieving the maximum production rate at which the EU will operate but no later than 180 days after initial startup of the EU. Initial VE compliance testing shall be conducted for a minimum period of 30 minutes during each PM test run.
[Rule 62-297.310(7)(b), FAC, Rule 62-297.310(4)(a), FAC and Rule 2.1101, JEPB]

11. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 5 (as described in 40 CFR 60, Appendix A) for the determination of the particulate matter (PM) emission rate.
[Rule 62-297.401, FAC and Rule 2.1101, JEPB]

12. Initial PM testing shall be conducted within 60 days after achieving the maximum production rate at which the EU will operate but no later than 180 days after initial startup of the EU.

[Rule 62-297.310(7)(b), FAC and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

13. The permittee shall notify the Permitting Authority of the actual startup date of the emission unit within 15 calendar days after that date. The notification received date shall be determined through the postmark date or the delivery date, whichever occurs first.
[40 CFR 63.9(b)(5)(ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

14. The permittee shall maintain records as required by the attached Operation and Maintenance Plan (O&M). Records shall be maintained for a minimum period of five (5) years. Commencement of recordkeeping shall become effective on the date of the initial VE compliance test.
[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1001, JEPB, and Rule 2.501, JEPB]

15. The owner/operator shall maintain records of each type of aircraft depainted, a listing of the parts, subassemblies, and assemblies normally removed from the aircraft before depainting. Prototype, test models, or aircraft which exist in low numbers (i.e., less than 25 aircraft of any one type) are exempt from this requirement.
[40 CFR 63.752(e)(4), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

16. The owner/operator shall maintain records of the names and types of dry media blasting equipment used.
[40 CFR 63.752(e)(5)(i), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

17. The owner/operator shall maintain the following records during periods of malfunction of the dry media blasting system:
    (A) Equipment or technique which malfunctioned
    (B) Date that the malfunction occurred
    (C) Description of the malfunction
    (D) Methods used to depaint aerospace vehicles during the malfunction
    (E) Dates that the alternative methods were begun and discontinued
    (F) Date that the malfunction was corrected

    [40 CFR 63.752(e)(5)(ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

18. The owner/operator shall submit semi-annual reports (every 6 months) for the period(s) June 1 through November 30, and December 1 through May 31. The reports shall be due February 1 for the June through November reporting period and August 1 for the December through May reporting period. The reports shall contain the following information:

    (a) Identification of any 24 hour period where organic HAP were emitted from the depainting of aerospace vehicles, other than from exempt operations listed in 40 CFR 63.746(a), (b)(3), and (b)(5).
    (b) Any new non-chemical depainting technique in use since the notification of compliance status or any subsequent semiannual report was filed.
    (c) Periods of Malfunction:

        (A) Equipment or technique which malfunctioned
        (B) Date that the malfunction occurred
        (C) Description of the malfunction
        (D) Methods used to depaint aerospace vehicles during the malfunction
        (E) Dates that the alternative methods were begun and discontinued

(F) Date that the malfunction was corrected

(G) All periods when the depainting operation was not shut down during a malfunction and/or when the depainting operation was not shutdown when measured operational parameters were below or above limits specified by the equipment manufacturer or locally prepared operational procedures

(d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted.

(e) If the depainting operation has been in compliance for the reporting period a statement signed by the responsible official stating that the operation was in compliance with the applicable standards.

[40 CFR 63.753(d)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

19. The owner/operator shall submit annual reports (every 12 months) for the period September 1 through August 31. The reports shall be due November 1 each year. The reports shall contain the following information:

(a) The average volume per aircraft of organic HAP containing chemical strippers or weight of organic HAP used for spot stripping and decal removal operations if it exceeds the limits specified in 40 CFR 63.746(b)(3)

(b) The number of times the measured operational parameters were below or above limits specified by the equipment manufacturer or locally prepared operational procedures

[40 CFR 63.753(d)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

20. The owner/operator shall maintain records of the monthly operating hours of the blasting booth and shall maintain records of the monthly use (quantity and type) of abrasive blasting material. Semi-annual reports of this information shall be submitted to the Permitting Authority with the semi-annual reports required above.
[Rule 62-213.440(1)(b), FAC, and Rule 2.501, JEPB]

General Provisions Applicability to Subpart GG

21. Table 1 of 40 CFR 63, Subpart GG defines the applicable parts of the General Provisions which apply to affected emissions unit.
[40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 114 - Abrasive Blast Booth No. 2, Bldg. 101

Emission Unit Description:	Abrasive blasting of aircraft components, including wings and stabilizers; conducted using aluminum oxide, glass, corn hybrid polymer (CHP), plastic, or similar materials as abrasive blast material. Located in Building 101.
PM control device:	Pauli Systems QX Filter Cartridge Dust Collector/Baghouse with an estimated maximum airflow rate of 22,000 dscfm

Emission Limitations and Standards

1. This EU shall be allowed to operate a maximum of 2400 hours per year.
   [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]

2. The maximum process rate of abrasive blast media to the blasting operation shall be 1000 lbs/hr.
   [Rule 62-210.200, FAC, and Rule 2.301, JEPB]

3. 40 CFR 63, Subpart GG, National Emission Standards for Aerospace Manufacturing and Rework Facilities, and 40 CFR 63, Subpart A, General Provisions, shall apply to this emission unit.

   Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1001, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1001, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1001, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1001, JEPB] shall apply to this emissions unit.

4. PM emissions shall be limited to 0.03 gr/dscf (5.66 lbs/hr and 6.79 tons per year).
   [Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

5. Visible Emissions (VE) shall be limited to 5 % opacity.
   [Rule 62-296.712, FAC, and Rule 2.1001, JEPB]

6. The owner/operator shall operate the blasting booth, air handling and collection system, and the baghouse in accordance with manufacturer's specifications. During periods of malfunction of such equipment the owner/operator may use substitute materials during the repair period provided the substitute materials used are those available that minimize organic HAP emissions. In no event shall substitute materials be used for more than 15 days annually, unless such materials are organic HAP free.
   [40 CFR 63.746(b)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

7. The owner/operator shall only perform the depainting operation in the enclosed blasting booth. The airstream from the blast booth shall be passed through a baghouse prior to discharge to the atmosphere.
   [40 CFR 63.746(b)(4)(ii)(B), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

8. The owner/operator shall conduct the handling and transfer, of all wastes produced from this operation, which may contain HAP materials, to and from containers, tanks, vats, vessels, and piping systems in such a manner that minimizes spills.
   [40 CFR 63.748, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

9. Testing for demonstration of compliance shall be performed in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
   [Rule 62-297.401, FAC and Rule 2.1101, JEPB]

10. Initial VE testing shall be conducted within 60 days after achieving the maximum production rate at which the EU will operate but no later than 180 days after initial startup of the EU. Initial VE compliance testing shall be conducted for a minimum period of 30 minutes during each PM test run.
    [Rule 62-297.310(7)(b), FAC, Rule 62-297.310(4)(a), FAC and Rule 2.1101, JEPB]

11. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 5 (as described in 40 CFR 60, Appendix A) for the determination of the particulate matter (PM) emission rate.

12. Initial PM testing shall be conducted within 60 days after achieving the maximum production rate at which the EU will operate but no later than 180 days after initial startup of the EU.
[Rule 62-297.310(7)(b), FAC and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

13. The permittee shall notify the Permitting Authority of the actual startup date of the emission unit within 15 calendar days after that date. The notification received date shall be determined through the postmark date or the delivery date, whichever occurs first.
[40 CFR 63.9(b)(5)(ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

14. The permittee shall maintain records as required by the attached Operation and Maintenance Plan (O&M). Records shall be maintained for a minimum period of five (5) years. Commencement of recordkeeping shall become effective on the date of the initial VE compliance test.
[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1001, JEPB, and Rule 2.501, JEPB]

15. The owner/operator shall maintain records of each type of aircraft depainted, a listing of the parts, subassemblies, and assemblies normally removed from the aircraft before depainting. Prototype, test models, or aircraft which exist in low numbers (i.e., less than 25 aircraft of any one type) are exempt from this requirement.
[40 CFR 63.752(e)(4), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

16. The owner/operator shall maintain records of the names and types of dry media blasting equipment used.
[40 CFR 63.752(e)(5)(i), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

17. The owner/operator shall maintain the following records during periods of malfunction of the dry media blasting system:
    (A) Equipment or technique which malfunctioned
    (B) Date that the malfunction occurred
    (C) Description of the malfunction
    (D) Methods used to depaint aerospace vehicles during the malfunction
    (E) Dates that the alternative methods were begun and discontinued
    (F) Date that the malfunction was corrected
[40 CFR 63.752(e)(5)(ii), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

18. The owner/operator shall submit semi-annual reports (every 6 months) for the period(s) June 1 through November 30, and December 1 through May 31. The reports shall be due February 1 for the June through November reporting period and August 1 for the December through May reporting period. The reports shall contain the following information:

    (a) Identification of any 24 hour period where organic HAP were emitted from the depainting of aerospace vehicles, other than from exempt operations listed in 40 CFR 63.746(a), (b)(3), and (b)(5).
    (b) Any new non-chemical depainting technique in use since the notification of compliance status or any subsequent semiannual report was filed.

(c) Periods of Malfunction:
- (A) Equipment or technique which malfunctioned
- (B) Date that the malfunction occurred
- (C) Description of the malfunction
- (D) Methods used to depaint aerospace vehicles during the malfunction
- (E) Dates that the alternative methods were begun and discontinued
- (F) Date that the malfunction was corrected
- (G) All periods when the depainting operation was not shut down during a malfunction and/or when the depainting operation was not shutdown when measured operational parameters were below or above limits specified by the equipment manufacturer or locally prepared operational procedures

(d) A list of new and discontinued aircraft models depainted at the facility over the last 6 months and a list of the parts normally removed for depainting for each new aircraft model being depainted.

(e) If the depainting operation has been in compliance for the reporting period a statement signed by the responsible official stating that the operation was in compliance with the applicable standards.

[40 CFR 63.753(d)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

19. The owner/operator shall submit annual reports (every 12 months) for the period September 1 through August 31. The reports shall be due November 1 each year. The reports shall contain the following information:

(a) The average volume per aircraft of organic HAP containing chemical strippers or weight of organic HAP used for spot stripping and decal removal operations if it exceeds the limits specified in 40 CFR 63.746(b)(3)

(b) The number of times the measured operational parameters were below or above limits specified by the equipment manufacturer or locally prepared operational procedures

[40 CFR 63.753(d)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

20. The owner/operator shall maintain records of the monthly operating hours of the blasting booth and shall maintain records of the monthly use (quantity and type) of abrasive blasting material. Semi-annual reports of this information shall be submitted to the Permitting Authority with the semi-annual reports required above.
[Rule 62-213.440(1)(b), FAC, and Rule 2.501, JEPB]

General Provisions Applicability to Subpart GG

21. Table 1 of 40 CFR 63, Subpart GG defines the applicable parts of the General Provisions which apply to affected emissions unit.
[40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

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