DEPARTMENT OF THE NAVY
NAVAL AIR STATION, JACKSONVILLE

FACILITY ID NO.: 0310215

DUVAL COUNTY

TITLE V AIR OPERATION PERMIT REVISION

PROPOSED PERMIT REVISION NO.: 0310215-040-AV

REVISION TO TITLE V AIR OPERATION PERMIT NO.: 0310215-036-AV

<u>PERMITTING AND COMPLIANCE AUTHORITY</u>

ENVIRONMENTAL AND COMPLIANCE DEPARTMENT
ENVIRONMENTAL QUALITY DIVISION
407 NORTH LAURA STREET, THIRD FLOOR
JACKSONVILLE, FL 32202
TELEPHONE: (904) 255-7100
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TITLE V AIR OPERATION PERMIT REVISION
PROPOSED PERMIT NO.: 0310215-040-AV

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

PROPOSED Permit No.: 0310215-040-AV
Facility ID No.: 0310215
SIC No.: 37
Project: Title V Air Operation Permit Revision

This permit is for the purpose of revising Title V Air Operation Permit No. 0310215-036-AV by incorporating the applicable terms and conditions identified in Construction Permit No. 0310215-032-AC issued on April 29, 2009 and Construction Permit No. 0310215-030-AC issued on November 4, 2008. This aircraft operations and rework facility is located at 6801 Roosevelt Blvd., Jacksonville, Duval County, FL.; UTM Coordinates: Zone 17, 434.186 km East and 3343.245 km North; Latitude: 30^0 13′ 14″ North and Longitude: 81^0 41′ 02″ West.

This Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (FS), and Chapters 62-4, 62-210, and 62-213, Florida Administrative Code (FAC). The above named permittee is hereby authorized to 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), in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Statement of Basis
Best Available Control Technology Determinations
Appendix I-1, List of Insignificant Emission Units and/or Activities
Appendix U-1, List of Unregulated Emission Units and/or Activities
APPENDIX TV-6, TITLE V CONDITIONS
APPENDIX SS-1, STACK SAMPLING FACILITIES
Appendix DO
Appendix PT
Appendix CO

Revision Effective Date:
Effective Date: **June 2, 2009**
Permit Renewal Application Due Date: **October 18, 2013**
Expiration Date: **May 31, 2014**

Environmental and Compliance Department
Environmental Quality Division

_____
Vincent A. Seibold, P.E.,
Division Chief

VAS/HDS

Section I. Facility Information

Subsection A. Facility Description

This permit is for the purpose of revising Title V Air Operation Permit No. 0310215-036-AV by incorporating the applicable terms and conditions identified in Air Construction Permit No. 0310215-032-AC (two abrasive blast booths, Emission Unit Nos. 113 and 114) and Air Construction Permit No. 0310215-030-AC (a single paint spray booth, Emission Unit No. 111).

The Naval Air Station (NAS), Jacksonville Complex, is located in Duval County, in the northeastern sector of Florida. This naval base occupies about 3400 acres along the west bank of the St. Johns River. The base is approximately 30 miles inland from the Atlantic Ocean and 13 miles south of downtown Jacksonville. The main gate to the base can be accessed at about 3 miles north of the intersection of U.S. Highway 17 (US 17) and Interstate 295 (I-295) on US 17 (also known as Roosevelt Boulevard). Although the NAS complex consists of over 115 individual commands, for the purpose of this permit air pollutant emissions may be categorized as belonging to one of three major organizations as follows:

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 emitting 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) is a merger of the former Naval Air Depot, an organization that has been in operation since 1940 performing in-depth (Level 3) maintenance, repair and rework of naval aircraft, and the former Aircraft Intermediate Maintenance Division, which performed intermediate (Level 2) maintenance and repair of naval aircraft and ground support equipment, into one organization. With over 4,000 employees it occupies more than 50 buildings in over 102 acres at the east end of NAS and along the primary runway. 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 FRCSE, and consist of activities such as aircraft surface coating and depainting operations, solvent use operations, a chrome electroplating facility, abrasive blasting operations, engine testing, intermediate maintenance of military aircraft, corrosion control, and aircraft engine repair.

Intermediate level maintenance performed by FRCSE 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.

Based upon the Title V Permit Revision Application received on April 2, 2010, this facility is a major source of hazardous air pollutants (HAPs).

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

Abrasive Blasting Operations

EU ID No.	Brief Description
015	Abrasive Blasting Booth, Bldg. 101
064	Abrasive Blasting Booth, Bldg. 794
065	Abrasive Blasting Booth, Bldg. 794
066	Abrasive Blasting Booth, Bldg. 794
070	Abrasive Blasting Booth, Bldg. 200
103	Three Abrasive Blasting Booths, Bldg. 794
105	Abrasive Blasting Booth, Hangar 101S
113	Abrasive Blast Booth No. 1, Bldg. 101
114	Abrasive Blast Booth No. 2, Bldg. 101

Steam Generating Boilers

071	Boiler No. 1, 300 HP Johnston Boiler Co., Bldg. H-2032
072	Boiler No. 2, 300 HP Johnston Boiler Co., Bldg. H-2032
076	Boiler No. 3, 300 HP Johnston Boiler Co., Bldg. H-2032
079	Note: Now listed as an Insignificant EU
087	Steam Plant A, Bldg. 85
088	Steam Plant C, Bldg. 86
089	Steam Plant F, Bldg. 88
090	Steam Plant G
115	Boiler No. F-1, Bldg. H2032

Chrome Plating Operation

043	Chrome Plating Shop, Bldg. 794

Plasma Coating Operation

062	Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
063	Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
102	Two HVOF Spray Booths (Nos. 6 & 7), Bldg. 794

Surface Coating Operations

080	Five Paint Spray Booths, Bldg. 794
011	Aircraft Painting Hangar, Bldg. 868
081	One Paint Booth and One Sanding Booth, Bldg. 101U
083	Paint Spray Booth, Bldg. 190
052	Bearing Shop, Bldg. 101
056	Aircraft Paint Stripping Hangar 101S
084	Fugitive VOC and HAP Emissions from Organizational Level (Squadrons) Aircraft Maintenance Activities
085	Fugitive VOC and HAP Emissions from Paints and Solvents used at FRCSE
086	Paint Spray Booth, Bldg 101S

093	Binks Paint Booth
094	Two Paint Spray Booths
106	Paint Spray Booth, Bldg. 724, FRCSE Shop 430
107	Paint Spray Booth, Hangar 1000, FRCSE Shop 51A
111	Paint Spray Booth, Hanger 124
112	Paint Spray Booth, Bldg. 101W

Concrete Batching Operations

110	Concrete Batching Plant(s)

Note: Please reference the Permit No., Facility ID No., and appropriate Emission Unit ID No(s)., on all correspondence, test report submittal, 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 provided to the permittee for information purposes only:

Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Appendix LR-1, Local Rule Index

These documents are on file with the permitting authority:

Title V Air Operation Permit No. 0310215-036-AV
Title V Air Operation Permit Revision Application received April 02, 2010

Section II. Facility Wide Conditions

The following conditions apply facility wide:

1. Appendix TV-6, Title V Conditions, is a part of this permit.

   Permitting Note: Appendix TV-6, Title V Conditions, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested, or otherwise appropriate. Please note that the Annual Operating Report required by Appendix TV-6, Specific Condition 24 (3) is due on each April 1 for calendar year 2009 and beyond. Please note that the Title V permit renewal required by Appendix TV-6, Specific Condition 5, shall be due 225 days prior to the permit expiration date as required by Rule 62-213.420(1)(a)2, FAC, and Rule 2.501, JEPB.

2. Documents on file with USEPA:

   The Responsible Official has certified that the Risk Management Plan was submitted to the RMP Reporting Center.

Prevention of Accidental Releases (Section 112(r) of CAA).

a. As required by Section 112(r)(7)(B)(iii) of the CAA and 40 CFR 68, the owner or operator shall submit an updated Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center.
b. As required under Section 252.941(1)(c), FS, the owner or operator shall report to the appropriate representative of the Department of Community Affairs (DCA), as established by Department Rule, within one working day of discovery of an accidental release of a regulated substance from the stationary source, if the owner or operator is required to report the release to the United States Environmental Protection Agency under Section 112(r)(6) of the CAA.
c. The owner or operator shall submit the required annual registration fee to the DCA on or before April 1, in accordance with Part IV, Chapter 252, FS, and Rule 9G-21, FAC.

Any required written reports, notifications, certifications, and data required to be sent to the DCA, should be sent to:

Department of Community Affairs
Division of Emergency Management
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2100
Telephone: 850/413-9921; Fax: (850) 488-1739

Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

RMP Reporting Center
Post Office Box 10162
Fairfax, VA 22038
Telephone: (703) 227-7650

Any required reports to be sent to the National Response Center, should be sent to:

National Response Center
EPA Office of Solid Waste and Emergency Response
USEPA (5305 W)
401 M Street, SW
Washington, D.C. 20460
Telephone: (800) 424-8802

Send the required annual registration fee using approved forms made payable to:

Cashier
Department of Community Affairs
State Emergency Response Commission
2555 Shumard Oak Boulevard
Tallahassee, FL 32399-2149

[Part IV, Chapter 252, FS; and, Rule 9G-21, FAC]

3. Insignificant Emission Units and/or Activities Appendix I-1, List of Insignificant Emission Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), FAC, Rule 62-213.430(6), FAC, and Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB, and Rule 2.1401, JEPB]

4. Unregulated Emission Units and/or Activities Appendix U-1 List of Unregulated Emission Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), FAC, and Rule 2.501, JEPB]

5. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions.
The permittee shall allow no person to store, pump, handle, process, load, unload, or use any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Permitting Authority.
[Rule 62-296.320(1), and Rule 2.1101, JEPB]

6. 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 Reference Method 9, is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB. Testing shall be required, upon request from the Permitting Authority.
[Rule 62-296.320(4)(b)1., FAC, and Rule 2.1101, JEPB]

7. Permittee shall notify the Permitting Authority fifteen (15) days prior to the date of each formal compliance test conducted for an emission unit.
[Rule 62-297.310(7)(a)(9), FAC, and Rule 2.1201, JEPB]

8. Copies of the test report(s) shall be submitted to the Permitting Authority within forty-five (45) days of completion of testing.
[Rule 62-297.310(8)(b), FAC, and Rule 2.1201, JEPB]

9. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then the EUs may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
[Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]

10. Stack sampling facilities and control equipment shall be provided with a method of access that is safe and readily accessible.
[Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

11. When appropriate, any recording, monitoring, or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, FAC, and Rule 2.501, JEPB]

12. The **Annual Statement of Compliance** required by 40 CFR 70.6, Rule 62-213.440(3), FAC and Rule 2.501, JEPB shall be due on or before March 1 each year covering the period for the previous calendar year. {See Condition No. 51, Appendix TV-6, Title V Conditions} Note: The **Annual Statement of Compliance** shall be sent to the Permitting Authority **and** the United States Environmental Protection Agency at the addresses below.
[40 CFR 70.6, Rule 62-213.440, FAC and Rule 2.501, JEPB]

13. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.
[Rule 62-210.700(1), (4), and (6) FAC, and Rule 2.201, JEPB]

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

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

15. Any reports, data, notification, certifications, and requests required to be sent to the United States Environmental Protection Agency, should be sent to:

United States Environmental Protection Agency
Region 4
Air, Pesticides & Toxics Management Division
Air and EPCRA Enforcement Branch
61 Forsyth Street
Atlanta, GA 30303
Telephone: 404/562-9155
Fax: 404/562-9163

16. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), FAC and Rule 2.1401, JEPB, any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, FAC, shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), FAC, and Rule 2.501, JEPB]

17. It is noted that limited spray application of coatings containing inorganic HAP(s) is performed in Air Rework Hangars 30, 101, 101W, 113, 114, 115, 117, 124, 140, 511, 1000, and 1122. The application is limited to areas of the aircraft (primarily the inside of wings) which are not accessible until after the exterior of the aircraft has been coated with primer and/or topcoat. This spray application is exempt from 40 CFR 63.745(g) (1 through 3) in accordance with 40 CFR 63.745(g)(4). See Appendix U-1, EU 096, Aerospace NESHAP Exempt Inorganic Coating Activities.

18. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), FAC, Rule 62-4.130, FAC, Rule 2.201, JEPB, and Rule 2.1401, JEPB, deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), FAC, and Rule 2.501, JEPB. Unless otherwise specified in a **permit, rule, or order;** reports shall cover the period of January through June (report due on or before September 1) and July through December (report due on or before March 1)
[Rule 62-213.440(1)(b)3., FAC, and Rule 2.501, JEPB]

19. Annual Emissions Fee Form and Fee. The annual Title V emissions fee are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: http://www.dep.state.fl.us/air/emission/tvfee.htm.
[Rule 62-213.205, FAC]

The following Facility-wide conditions are not federally enforceable

20. 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 2.1101, JEPB]

21. 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 Jacksonville Environmental Protection Board (JEPB), Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

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

Section III. Emission Unit(s) and Conditions

Abrasive Blasting Operations

Emission Unit No. 015 – Abrasive Blasting Booth, Building 101

Emission Unit Description:	Abrasive blasting and cleaning of components (including aerospace components) is conducted using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media.
Particulate Matter (PM) Control Device:	Pauli Systems Cartridge baghouse in series with HEPA filter with a nominal air flow of 23,400 dry standard cubic feet per minute (dscfm)

Emission Limitations and Standards

1. The maximum process rate of abrasive blast material to the blaster shall be 3,400 pounds per hour (lbs/hr).
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate a maximum of 4,160 hours per year (hrs/yr).
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. 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 to 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 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [3.92 lbs/hr and 8.15 tons per year (tons/yr)].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. Visible Emissions (VE) shall be limited to five (5) percent (%) opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

6. The owner/operator shall operate the blasting booth, air handling and collection system, the baghouse, and the HEPA filter 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 (blasting) operation in the enclosed blasting booth. The airstream from the blast booth shall be passed through a baghouse and HEPA filter 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 EPA Reference Method (RM) 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

10. VE testing shall be conducted annually from the date of June 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

11. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

12. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting Requirements

13. 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.
[Rule 62-296.700(6), FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1101, JEPB and Rule 2.501, JEPB]

14. 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]

15. 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]

16. 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]

17. The owner/operator shall submit semi-annual reports (every 6 months) for the period(s) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August 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

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

18. 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]

19. 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

20. Table 1 to Subpart GG of Part 63 defines the applicable parts of the General Provisions which apply to affected emission units in 40 CFR, Subpart GG.
    [40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 064-Abrasive Blasting Booth, Bldg. 794

Emission Unit Description:	Abrasive blasting of aircraft components are conducted using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media.
PM Control Device:	Clemco Baghouse Model Number (M/N) LBL0257 with an estimated maximum airflow rate of 6,400 dscfm

Emission Limitations and Standards

1. The maximum process rate of abrasive blast material to the blasting operation shall be 2,700 lbs/hr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
   [Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [1.65 lbs/hr and 3.42 tons/yr].
   [Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
   [Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of June 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 065- Abrasive Blasting Booth, Bldg. 794

Emission Unit Description:	Abrasive blasting of aircraft components are conducted using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media.
PM Control Device:	Torit Baghouse M/N 3DF-24 with an estimated maximum airflow rate of 11,000 dscfm

Emission Limitations and Standards

1. The maximum process rate of abrasive blast material to the blasting operation shall be 1,900 lbs/hr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [2.83 lbs/hr and 5.88 tons/yr].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of June 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 066-Abrasive Blasting Booth, Bldg. 794

Emission Unit Description:	Abrasive blasting of aircraft components are conducted using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media.
PM Control Device:	Torit Baghouse M/N 3DF-24 with an estimated maximum airflow rate is 11,000 dscfm

Emission Limitations and Standards

1. The maximum process rate of abrasive blast material to the blasting operation shall be 700 lbs/hr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [2.83 lbs/hr and 5.88 tons/yr].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of June 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 070- Abrasive Blasting Booth, Bldg. 200

Emission Unit Description:	Abrasive blasting of aircraft components is conducted using aluminum oxide, steel grit, glass, corn starch (CHP), plastic, or similar materials as blast media.
PM Control Device:	Pulse Jet Cartridge Type Dust Collector with an estimated maximum airflow rate is 15,950 dscfm

Emission Limitations and Standards

1. The maximum process rate of aluminum oxide, steel grit, glass, corn starch (CHP), plastic, or similar materials as abrasive blast material shall be limited to 3,200 lbs/hr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [4.10 lbs/hr and 8.53 tons/yr].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of November 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 103 - Three Abrasive Blasting Booths in Bldg. 794

Emission Unit Description:	Three abrasive blasting booths using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media. Blasting will be used to clean aircraft engine and landing gear parts prior to plating. Other aircraft components may also be cleaned using abrasive blast media in these booths.
Emission Control Device:	Each blast booth is equipped with a reclaim cyclone to recover reusable blasting media. Separated discharge air is vented to an individual small dust collector (12 cartridges for PM control) located beside each blast room, which pre-treats discharge air. Each of the small dust collectors is vented to a single large dust collector (70 cartridges for PM control) located outside of the building. Cleaned air from the large dust collector is vented through a discharge stack, which contains a 0.3 micron HEPA PM final filter. Estimated discharge airflow rate is 20,000 cubic feet per minute.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e. 8,,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum charging rate to the blasting system (three booths total) is 24,634.18 tons/yr of abrasive blasting media.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. VE shall be limited to a maximum opacity of 5%.
[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

4. PM emissions shall be limited to a maximum of 0.95 tons/yr and 0.22 lbs/hr.
[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

5. 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 to Subpart GG, shall apply to this emission unit.

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 EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity. The minimum testing time shall be 30 minutes.
[Rule 62-297.401, FAC, Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

10. VE testing shall be conducted annually from the date of June 1, 2008.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

11. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM emission rate. The minimum sample volume shall be 25 dscf.
[Rule 62-297.310(7)(b), FAC, Rule 62-297.401, FAC, Rule 62-297.310(4)(b), FAC, and Rule 2.1201, JEPB]

12. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting Requirements

13. 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]

14. 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]

15. 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]

16. The owner/operator shall submit semi-annual reports (every 6 months) for the period(s) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August 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

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

17. 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]

18. The owner/operator shall maintain records of the monthly operating hours of the blasting booth and shall maintain records of the monthly use 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]

19. 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.
[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1401, JEPB, and Rule 2.501, JEPB]

General Provisions Applicability to Subpart GG

20. Table 1 to Subpart GG of Part 63 defines the applicable parts of the General Provisions which apply to affected emission units in 40 CFR, Subpart GG.
[40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 105 – Abrasive Blasting Booth, Hangar 101S

Emission Unit Description:	Abrasive blasting booth using aluminum oxide, glass, corn starch (CHP), plastic, or similar materials as blast media.
PM Control Device:	Cartridge Fabric Filter

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 257,400 dscfm.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. Abrasive blasting media use shall be limited to 3,494.4 tons/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB, Applicant's Request]

3. This EU shall be allowed to operate 4,160 hrs/yr.
[Rule 62-210.200, FAC, and Rule 2.301, JEPB, Applicant's Request]

4. PM and PM_{10} emissions shall be limited to 3.0 lbs/hr and 6.24 tons/yr.
Note: Compliance with the PM limitation demonstrates compliance with the PM_{10} limitation.
[Applicant's request, Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

6. 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 to Subpart GG, shall apply to this emission unit.

7. 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]

8. 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]

9. 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

10. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity. The minimum testing time shall be 30 minutes.
[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

11. VE testing shall be conducted annually from the date of June 1, 2008.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

12. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A), for the determination of the PM emission rate. The minimum sample volume shall be 30 dscf.
[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

13. PM testing shall be conducted approximately 270 days prior to the permit expiration date.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Recordkeeping and Reporting

14. 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]

15. 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]

16. 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]

17. For spot stripping and decal removal the owner/operator shall keep records of the volume of organic HAP containing chemical stripper or weight of organic HAP used, the average annual volume of organic HAP containing chemical stripper or weight of organic HAP used per aircraft, the annual number of aircraft stripped, and all data and calculations.
[40 CFR 63.752(e)(6), 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) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August 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 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]

21. 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.
    [Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1401, JEPB, and Rule 2.501, JEPB]

General Provisions Applicability to Subpart GG

22. Table 1 to Subpart GG of Part 63 defines the applicable parts of the General Provisions which apply to affected emission units in 40 CFR, Subpart GG.
    [40 CFR 63, Subpart GG, Table 1, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

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 hrs/yr.
   [Rule 62-296.700(4), FAC, and Rule 2.1101, 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 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, 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/yr].
   [Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. Visible Emissions (VE) shall be limited to 5 % opacity.
   [Rule 62-296.712, FAC, and Rule 2.1101, 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 2.1201, JEPB]

10. VE testing shall be conducted annually from the date of November 1, 2010. The minimum testing time shall be 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, 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 2.1201, JEPB]

12. PM testing shall be conducted approximately 270 days prior to the permit expiration date.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Monitoring

13. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

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 2.1101, 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) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August 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 hrs/yr.
   [Rule 62-296.700(4), FAC, and Rule 2.1101, 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 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, 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/yr].
   [Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. Visible Emissions (VE) shall be limited to 5 % opacity.
   [Rule 62-296.712, FAC, and Rule 2.1101, 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 2.1201, JEPB]

10. VE testing shall be conducted annually from the date of November 1, 2010. The minimum testing time shall be 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, 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. PM testing shall be conducted approximately 270 days prior to the permit expiration date.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

Monitoring

13. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M).
Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

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 2.1101, 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) September 1 through February 28 or 29, and March 1 through August 31. The reports shall be due May 1 for the September through February reporting period and November 1 for the March through August 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]

Steam Generating Boilers

Emission Unit No. 071-Boiler No. 1 [Bldg. 952]; Emission Unit No. 072-Boiler No. 2 [Bldg. H2032], and Emission Unit No. 076- Boiler No. 3 [Bldg. H2032]

Emission Unit Description: EU 071, Boiler No. 1---300 HP Johnston Boiler Co. M/N PFTA 300-4
EU 072, Boiler No. 2---300 HP Johnston Boiler Co. M/N PFTA 300-4
EU 076, Boiler No. 3---300 HP Johnston Boiler Co. M/N PFTA 300-4

Emission Limitations and Standards

1. Each EU---Maximum heat input shall be limited to 13 X 10^6 Btu per hour (Btu/hr) while firing natural gas or No. 2 fuel oil. No. 2 fuel oil may be fired during natural gas curtailment or during emergency conditions. No. 2 fuel oil may be combusted a maximum of 400 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. These EUs shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

3. Fuels which may be fired are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply to this EU.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each EU shall be conducted every 12 months from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content.
[Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. The owner or operator shall submit reports to the Permitting Authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
[40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
[40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Emission Unit No. 087-Steam Plant A, Bldg. 85

Emission Unit Description: This EU consists of five Kewanee steam generating boilers.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr (each boiler).
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. The maximum heat input for each boiler shall be limited as follows:

Boiler No.	MM Btu Per Hour (Natural Gas)	MM Btu Per Hour (Fuel Oil)
A-1	31.4	30.3
A-2	31.4	30.3
A-3	31.4	30.3
A-4	3.3	3.2
A-5	3.3	3.2

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Fuels, which may be fired, are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight.
   [Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
   [Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply to Boiler nos. A-1, A-2, and A-3.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each emission point shall be conducted annually from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
   [Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. [A-1, A-2, and A-3] Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
   [Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. [A-1, A-2, and A-3] The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boilers are subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
    [40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. [A-1, A-2, and A-3] The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
    [40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. [A-1, A-2, and A-3] The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
    [40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. [A-1, A-2, and A-3] Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Emission Unit No. 088-Steam Plant C, Bldg. 86

Emission Unit Description: This EU consists of three Kewanee steam generating boilers.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr (each boiler).
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. The maximum heat input for each boiler shall be limited as follows:

Boiler No.	MM Btu Per Hour (Natural Gas)	MM Btu Per Hour (Fuel Oil)
C-1	25.11	24.2
C-2	25.11	24.2
C-3	10.5	10.1

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Fuels, which may be fired, are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight.
[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply to Boiler nos. C-1, C-2, and C-3.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each emission point shall be conducted annually from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
[Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
[40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
[40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Emission Unit No. 089-Steam Plant F, Bldg. 88

Emission Unit Description: This EU consists of one Kewanee steam generating boiler.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB

Emission Limitations and Standards

2. The maximum heat input for the boiler shall be limited as follows:

Boiler No.	MM Btu Per Hour (Natural Gas)	MM Btu Per Hour (Fuel Oil)
F-2	14.65	14.1

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Fuels which may be fired are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight.
[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions shall apply.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each emission point shall be conducted annually from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
[Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
[40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
[40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Emission Unit No. 090-Steam Plant G

Emission Unit Description: This EU consists of one Kewanee steam generating boiler.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. The maximum heat input for this boiler shall be limited as follows:

Boiler No.	MM Btu Per Hour (Natural Gas)	MM Btu Per Hour (Fuel Oil)
G-1	14.65	14.1

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Fuels, which may be fired, are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight.
[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions, shall apply to boiler no. G-1.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each emission point shall be conducted annually from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
[Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
[40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
[40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Emission Unit No. 115-Boiler No. F-1, Bldg. H2032

Emission Unit Description: This EU consists of one Kewanee steam generating boiler.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e.: 8,760 hrs/yr.
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB

Emission Limitations and Standards

2. The maximum heat input for the boiler shall be limited as follows:

Boiler No.	MM Btu Per Hour (Natural Gas)	MM Btu Per Hour (Fuel Oil)
F-1	14.65	14.1

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Fuels which may be fired are natural gas or No. 2 fuel oil.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

4. Sulfur dioxide (SO_2) and PM emissions shall be controlled in accordance with the Best Available Control Technology (BACT) Determination. The maximum sulfur content of the fuel oil shall be limited to 0.05%, by weight.
[Rule 62-296.406(2) & (3), FAC and Rule 2.1101, JEPB]

5. VE shall be limited to 20% opacity continuous. Twenty-seven (27%) opacity shall be allowed for up to six (6) minutes per hour.
[Rule 62-296.406(1), FAC, and Rule 2.1101, JEPB]

6. 40 CFR 60, Subpart Dc, Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units and 40 CFR 60, Subpart A, General Provisions shall apply.

Test Methods and Procedures

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A), and the provisions of 40 CFR 60.11, for the visual determination of opacity.

8. VE compliance testing on each emission point shall be conducted annually from the date of January 31, 2009. The test shall be a minimum of one (1) hour in length while firing fuel oil. Note: Testing may be delayed until the EU operates 400 hours while firing fuel oil or until 270 days prior to permit renewal, whichever occurs first. Once the EU has operated 400 or more hours while firing fuel oil, annual testing shall be required.
[Rule 62-297.310(7)(a)4., FAC, and Rule 2.1201, JEPB]

9. Fuel oil sulfur content determination shall be in accordance with 40 CFR 60.44c(h). In addition to the requirements of 40 CFR 60.48c(f)(1) the fuel oil supplier shall certify that the fuel oil contains 0.05% by weight or less sulfur content. The 0.05%, by weight sulfur content limit is more stringent than the 0.5%, by weight sulfur content limit required by 40 CFR 60.42c(d).
[Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting

10. The owner or operator shall submit reports to the permitting authority concerning the fuel oil sulfur limits to which the boiler is subject. The reports shall include calendar dates covered in the reporting period, fuel oil supplier certifications including the name of the oil supplier, a statement from the oil supplier that the oil complies with the specifications under the definition of distillate oil in 40 CFR 60.41c, a certification from the fuel oil supplier that states the fuel oil contains 0.05% by weight or less sulfur content, and a certified statement from the responsible official that the records of the fuel supplier certifications submitted represent all the fuel oil combusted during the reporting period.
[40 CFR 60.48c(d), (e), and (f), Rule 62-204.800, FAC, Rule 62-296.406(2), FAC, Rule 2.201, JEPB, and Rule 2.1101, JEPB]

11. The owner and operator shall record and maintain records of the amounts of each fuel combusted during each month.
[40 CFR 60.48c(g)(2), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

12. The reporting period for specific condition no. 10 shall be every six (6) months. Reports shall be submitted within 30 days of the end of the reporting period, i.e., JAN-JUN report submitted by July 30, and JUL-DEC report submitted by January 30. The postmark date shall be the submitted date.
[40 CFR 60.48c(j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

13. Records and reports as required by 40 CFR 60.48c(a), (d), (e), (f), (g), (i), and (j) shall be submitted to the Permitting Authority.
[40 CFR 60, Subpart Dc, Rule 62-210.800, FAC, and Rule 2.301, JEPB]

Chrome Plating Operation

Emission Unit No. 043-Chrome Plating Shop, Bldg. 794
Application No. R14

Emission Unit Description: Hard Chrome electroplating of various metal parts.

Chromium Control Device: Composite mesh pad chromium mist eliminator with an estimated maximum airflow rate of 23,000 dscfm.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate 8,760 hrs/yr.
   [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

Emission Limitations and Standards

2. The maximum process rate of electrical current applied is 15,000 amp hours and 131.4 million amp hours per year.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. Total chromium emissions shall not exceed 0.015 milligrams of total chromium per dry standard cubic meter [mg/dscm] [6.6 X 10^{-6} grains per dry standard cubic foot (gr/dscf)].
   [40 CFR 63.342(c)(1)(i), Rule 62-204.800, FAC, Rule 2.201, JEPB]

4. Owners and operators (at all times including periods of startup, shutdown, and malfunction) shall operate and maintain any affected source including associated air pollution control devices and monitoring equipment, in a manner consistent with good air pollution control practices and consistent with the required operation and maintenance plan.
   [40 CFR 63.342(f)(1)(i), Rule 62-204.800, FAC, Rule 2.201, JEPB]

5. Malfunctions shall be corrected as soon as practicable after their occurrence in accordance with the required operation and maintenance plan.
   [40 CFR 63.342(f)(1)(ii), Rule 62-204.800, FAC, Rule 2.201, JEPB]

6. Operation and maintenance requirements are enforceable independent of emissions limitations or other requirements in relevant standards.
   [40 CFR 63.342(f)(1)(ii), Rule 62-204.800, FAC, Rule 2.201, JEPB]

7. Operation and maintenance procedures shall be determined and reviewed in accordance with 40 CFR 63.342(f)(2)(i).
   [40 CFR 63.342(f)(2)(i), Rule 62-204.800, FAC, Rule 2.201, JEPB]

8. The owner and operator shall prepare, follow and operate the source in accordance with the operation and maintenance plan as required by 40 CFR 63.342(f)(3).
   [40 CFR 63.342(f)(3), Rule 62-204.800, FAC, Rule 2.201, JEPB]

Compliance/Monitoring

9. The owner or operator shall continuously monitor the pressure drop across the control device. The owner or ` operator shall record the pressure drop once each day during which the source operates.
   [40 CFR 63.342(f)(3)(ii), Rule 62-204.800, FAC, Rule 2.201, JEPB]

Test Methods and Procedures

10. Testing to determine the chromium emissions shall be conducted in accordance with RM 306 or 306A. Testing procedures shall be in accordance with 40 CFR 63.344(a) and 40 CFR 63.344(c). Testing shall be conducted 270 days prior to permit expiration for permit renewal.
[40 CFR 63.344(a and c), Rule 62-204.800, FAC, Rule 2.201, JEPB]

11. The differential pressure monitoring device shall be in accordance with the manufacturer's accuracy specifications.
[40 CFR 63.344(d), Rule 62-204.800, FAC, Rule 2.201, JEPB]

12. During performance testing procedures specified in 40 CFR 63.344(e) shall be followed.
[40 CFR 63.344(e), Rule 62-204.800, FAC, Rule 2.201, JEPB]

Recordkeeping Requirements

13. Records shall be kept in accordance with 40 CFR 63. 346 and 40 CFR 63, Subpart A requirements as identified in Table 1.
[40 CFR 63.346(a), Rule 62-204.800, FAC, Rule 2.201, JEPB]

14. The owner or operator shall maintain the following records:
    a. Inspection records for the add-on air pollution control device
    b. Records of all maintenance performed on the source, add-on air pollution control device, and monitoring equipment
    c. Records of the occurrence, duration, and cause of malfunctions on the source, add-on air pollution control device, and monitoring equipment
    d. Deviations from the operation and maintenance plan
    e. Other records necessary to demonstrate consistency with the provisions of the O&M plan
    f. Test reports of all performance tests
    g. Measurements necessary to determine the conditions of the performance tests
    h. Records of monitoring data required by 40 CFR 63.343(c)
    i. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during malfunction of the process, add-on air pollution control, or monitoring equipment
    j. The specific identification (i.e., the date and time of commencement and completion) of each period of excess emissions, as indicated by monitoring data, that occurs during periods other than malfunction of the process, add-on air pollution control, or monitoring equipment
    k. Total process operating time of the source during the reporting period
    l. Records of the total actual cumulative rectifier capacity of hard chromium electroplating tanks at the facility expended during each month of the reporting period
    m. All documentation supporting the notifications and reports required by 40 CFR 63.9, 10, and 347
    n. All records shall be maintained for a period of 5 years in accordance with 40 CFR 63.10(b)(1)

    [40 CFR 63.346(b), Rule 62-204.800, FAC, Rule 2.201, JEPB]

Reporting Requirements

15. Compliance status reports shall be submitted semi-annually or more frequently as required. The contents of the reports shall contain the information required by 40 CFR 63.347(g)(3). Reporting frequency shall be governed by 40 CFR 63.347.
[40 CFR 63.346(b), Rule 62-204.800, FAC, Rule 2.201, JEPB]

Plasma Coating Operation

Emission Unit No. 062-Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
Application No. R16

Emission Unit Description: Application of melted metal to various parts by the use of spray guns

PM Control Device: United Air Specialists Baghouse [Model Number FJH48-4-H55 (Controls 2 booths)] with an estimated maximum airflow rate is 16,350 dscfm

Emission Limitations and Standards

1. The maximum process rate of metal to the various parts shall be 120 lbs/hr per booth and 500,000 lbs/yr total for EU No. 062.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [4.20 lbs/hr and 8.74 tons/yr].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of October 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 063-Two Plasma (Powdered Metal) Spray Booths, Bldg. 794
Application No. R16

Emission Unit Description: Application of melted metal to various parts by the use of spray guns

PM Control Device: United Air Specialists Baghouse [Model Number FJH48-4-H55] with an estimated maximum airflow rate is 16,350 dscfm

Emission Limitations and Standards

1. The maximum process rate of metal to the various parts shall be 120 lbs/hr per booth and 500,000 lbs/yr total for EU No. 063.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate 4,160 hrs/yr.
[Applicant's Request, Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]

3. Reasonably Available Control Technology (RACT) requirements including **Specific RACT Emission Limiting Standards for Stationary Emission Units** [Rule 62-296.700(3), FAC, and Rule 2.1101, JEPB]**; Maximum Allowable Emission Rates** [Rule 62-296.700(4), FAC, and Rule 2.1101, JEPB]; **Circumvention** [Rule 62-296.700(5), FAC, and Rule 2.1101, JEPB], and **Operation and Maintenance Plan** [Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

4. PM emissions shall be limited to 0.03 gr/dscf [4.20 lbs/hr and 8.74 tons/yr].
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

5. VE shall be limited to 5 % opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity.
[Rule 62-296.712, FAC, and Rule 2.1101, JEPB]

7. VE testing shall be conducted annually from the date of October 1, 2008. VE testing shall be conducted for a minimum period of 30 minutes.
[Rule 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

8. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM concentration.

9. PM testing shall be conducted upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting

10. Monitoring shall be performed in accordance with the Operating and Maintenance Plan (O&M). Records shall be provided upon request of the Permitting Authority.
[Rule 62-296.700(6), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 102-HVOF Thermal Spray Booth No. 7
and Existing Thermal Spray Booth No. 6, Bldg. 794

Emission Unit Description**:** High Velocity Oxygen/Fuel Spraying system (booth No. 7 only). Metallic, ceramic, and polymeric coatings are heated into a plasma state and sprayed onto various aircraft components. Both Thermal Spray Booths (Nos. 6 and 7) are located in the Plasma Spray Shop (Bldg. 794).

Emission Control Device: PM emissions shall be controlled by a 20,000 Cubic Feet per Minute Sulzer Metco cartridge type Baghouse, Model No. SME 81-200. Discharge air from the baghouse is vented through a stack, which contains a 0.3 micron HEPA PM filter. The new and existing booths shall be vented to the collection and control system.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously; i.e. 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum heat input to the HVOF system (each booth) is 4.83 X 10^9 Btu per year primarily firing natural gas. Other combustible fuels are also used in insignificant quantities.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. The estimated maximum charging rate to the HVOF system (each booth) is 43,800 lbs/yr of metallic coating.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. VE shall be limited to a maximum opacity of 5%.
[Rule 62-297.620(4), FAC, and Rule 2.1201, JEPB]

5. PM emissions shall be limited to a maximum of 0.22 lbs/hr and 0.95 tons/yr.
[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with EPA RM 9 (as described in 40 CFR 60, Appendix A) for the visual determination of opacity. The minimum testing time shall be 30 minutes. VE testing shall be conducted annually from the date of November 1, 2008.
[Rule 62-297.401, 62-297.310(4)(a)2., FAC, and Rule 2.1201, JEPB]

7. Testing for demonstration of compliance shall be performed in accordance with EPA RM 5 (as described in 40 CFR 60, Appendix A) for the determination of the PM emission rate. The minimum sample volume shall be 25 dry standard cubic feet. Testing shall be performed upon request of the Permitting Authority.
[Rule 62-297.310(7)(b), 62-297.401, 62-297.310(4)(b), FAC, and Rule 2.1201, JEPB]

Record-keeping and Reporting Requirements

8. 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.
[Rule 62-4.070, FAC, Rule 62-213.440(1)(b)2.b., FAC, Rule 2.1401, JEPB, and Rule 2.501, JEPB]

Surface Coating/Solvent Use/Paint Stripping Operations

Emission Unit No. 080-Five Paint Spray Booths, Bldg. 794

Emission Unit Description: Coatings are applied to aircraft engines and engine components.

PM Control Device: Each booth is equipped with a two stage dry particulate filter system. The estimated maximum airflow rate is 11,700 dscfm for each booth (total 58,500 dscfm).

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. 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.

3. The maximum process rate of tons of solvent in coating at this EU shall be limited to 5.48 tons/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB, and Permit AC16-240666]

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Permitting Note: EU No. 080 was formerly EU Nos. 047, 048, 049, 050, and 051.

Emission Unit No. 011-Aircraft Painting Hangar, Bldg. 868

Emission Unit Description: Coatings are applied to aircraft.

PM Control Device: Each of 24 exhaust points on the hangar is equipped with a two stage dry particulate filter system with an estimated maximum airflow rate of 44,000 dscfm for each of 24 exhaust stacks (total 1,056,000 dscfm).

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents is 28,000 gallons per year (gal/yr).
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Emission Unit No. 081-Two Paint Spray Booths, Bldg. 101U

Emission Unit Description:	Coatings are applied to aviation electronics (avionics) after repair.
PM Control Device:	Each of the two booths is equipped with a two stage dry particulate filter system with an estimated maximum airflow rate of 10,000 dscfm

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents is 430 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Emission Unit No. 083-Paint Spray Booth, Bldg. 190

Emission Unit Description:	Coatings are applied to aircraft components.
PM Control Device:	The booth is equipped with a two stage dry particulate filter system with an estimated maximum airflow rate of 15,000 dscfm.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents for this EU is 2,000 gal/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT.

Cleaning Operations

5. See Appendix CO

Emission Unit No. 052-Bearing Shop, Bldg. 101

Emission Unit Description: Aircraft bearings are cleaned with various solvents.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of non HAP cleaning solvents is 3,400 gal/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Cleaning Operations

4. See Appendix CO

Emission Unit No. 056-Aircraft Paint Stripping and Cleaning, Hangar 101S

Emission Unit Description: Aircraft and aircraft components are cleaned and stripped of paint using various solvents.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of HAP and other non-HAP containing stripping solutions and cleaning solvents is 80,000 gallons per year.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Cleaning Operations

4. See Appendix CO

Depainting Operation

5. See Appendix DO

Emission Limitations and Standards

6. The owner/operator shall emit no organic HAP from chemical stripping formulations and agents or chemical paint softeners except that [on an annual (calendar year) average basis per military aircraft depainted for spot stripping and decal removal] 50 gallons of organic HAP containing chemical strippers or alternatively 365 pounds of organic HAP material may be used.
[40 CFR 63.746(b)(1 & 3), 40 CFR 63.749 (f)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

7. The owner operator shall use the methods and procedures as specified in 40 CFR 63.750(j) to determine compliance with the emission limitations and standards for spot stripping and decal removal listed in SC No. 4 above.
[40 CFR 63.750 (j), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Record-keeping and Reporting Requirements

8. The owner/operator shall maintain records, as appropriate, required by 40 CFR 63.752(e)(1, 4, and 6).
[40 CFR 63.752(e), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

9. The owner/operator shall submit reports, as appropriate, of the depainting operation as required by 40 CFR 63.753(d).
[40 CFR 63.753(d), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 084-Fugitive VOC and HAP Emissions from Organizational Level (Squadrons) Aircraft Maintenance Activities

Emission Unit Description: Solvents and paints are used in the organizational level (squadrons) maintenance of aircraft stationed at NAS Jacksonville. Aircraft washing operations are included in this EU.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents for EU nos. 084 and 085 combined is 29,500 gal/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT.

Cleaning Operations

5. See Appendix CO

Emission Unit No. 085-Fugitive VOC and HAP Emissions from Paints and Solvents used at FRCSE

Emission Unit Description: Paints and solvents are used in depot level maintenance and repair of aircraft and aircraft components at the FRCSE.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents for EU nos. 084 and 085 combined is 29,500 gal/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT. Operations specified in 40 CFR 63.741(f) and 40 CFR 63.745(g)(4) are exempt from the Inorganic HAP requirements specified in Appendix PT.

Cleaning Operations

5. See Appendix CO

Emission Unit No. 086-Paint Spray Booth, Bldg 101S

Emission Unit Description: Application of solvents and paints to aircraft components.

PM Control Device: The booth is equipped with a three stage dry particulate filter system with an estimated maximum airflow rate of 15,000 dscfm

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents is 1,400 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Emission Unit No. 093-Binks Paint Booth Model Number PFA-1-18, Bldg. 101

Emission Unit Description: New Binks Paint Booth for the application of coatings to aircraft components.

Control Device: Cross draft ventilation captures paint over-spray and directs it to a three stage dry particulate matter filter system. The estimated maximum airflow rate is 30,000 dscfm.

Essential Potential to Emit (PTE) Parameters

1. This booth shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents for EU nos. 093 and 094 combined is 20,500 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Emission Unit No. 094-Two Paint Spray Booths, Bldg. 101

Emission Unit Description: Paint Booth No. 1 (formerly the Wing Room) and Paint Booth No. 2 (formerly the Dope Room) comply with the requirements for new facilities of the Aerospace NESHAP.

Control Device: Cross draft ventilation captures paint over-spray and directs it to dry particulate matter filters. The estimated maximum airflow rate (dscfm) is as follows:

Room Description	No. of Stacks	Airflow per Stack
Paint Booth No. 1	4	37,800
Paint Booth No. 2	4	32,125

Essential Potential to Emit (PTE) Parameters

1. These booths shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. The estimated maximum usage of paints and solvents for EU nos. 093 and 094 combined is 20,500 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

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.

Primer/Topcoat Application Operations

4. See Appendix PT

Cleaning Operations

5. See Appendix CO

Emission Unit No. 106 – Paint Spray Booth, Building 724, FRCSE Shop 430

Emission Unit Description: Paint spray booth for the coating of aircraft parts and components

PM Control Device: Two stage dry particulate filter

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 15,800 dscfm.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. The estimated maximum usage of paints and solvents is 500 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. 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 to Subpart GG, shall apply to this emission unit.

Primer/Topcoat Application Operations

5. See Appendix PT

Cleaning Operations

6. See Appendix CO

Emission Unit No. 107 – Paint Spray Booth, Hangar 1000, FRCSE Shop 51A

Emission Unit Description: Paint spray booth for the coating of aircraft parts and components

PM Control Device: Two stage dry particulate filter

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 13,662 dscfm.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

3. The estimated maximum usage of paints and solvents is 500 gal/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

4. 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 to Subpart GG, shall apply to this emission unit.

Primer/Topcoat Application Operations

5. See Appendix PT

Cleaning Operations

6. See Appendix CO

Emission Unit No. 111 – Paint Spray Booth, Hangar 124

Emission Unit Description: Paint spray booth for the coating of aircraft, aircraft parts and components

PM Control Device: Three stage dry particulate filter system

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 342,000 dscfm.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. 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 to Subpart GG, shall apply to this emission unit.

4. The maximum usage of paints and solvents shall be limited to 20,000 gal/yr.
   [Applicant's request, Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.301, JEPB]

Primer/Topcoat Application Operations

5. See Appendix PT

Cleaning Operations

6. See Appendix CO

Additional Recordkeeping and Reporting Requirements

7. Records shall be maintained monthly for the following:
   a. Amount of coating applied
   b. VOC content (lbs/gal) of coatings as applied
   c. Quantity (volume and weight) of surface preparation, clean-up and wash-up solvent / thinner usage
   d. VOC content of solvent / thinner
   e. VOC emissions
   f. Hazardous air pollutants (HAP) content of coatings and solvents
   g. HAP emissions

   Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request. This recordkeeping requirement is independent from the recordkeeping requirement of Appendix PT.
   [Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.301, JEPB]

8. Semi-annual reports (every 6 months) shall be submitted to the Permitting Authority providing the records and calculations required above. The semi-annual reports shall be submitted by the 30th day of the following month after the end of each reporting period (January -June , July - December). The final report, which is due by the 30th of January for the reporting period of July - December, shall also include a synopsis of the preceding year. This reporting requirement is independent from the reporting requirement of Appendix PT.
   [Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.301, JEPB]

Emission Unit No. 112 – Paint Spray Booth, Building 101 W

Emission Unit Description: Paint spray booth for the coating of aircraft and aircraft parts and components

PM Control Device: Three stage dry particulate filter system

Essential Potential to Emit (PTE) Parameters

1. The nominal airflow is estimated at 20,500 dscfm.
   [Rule 62-210.200, FAC, and Rule 2.301, JEPB]

2. This EU shall be allowed to operate continuously, i.e.: 8,760 hrs/yr.
   [Rule 62-210.200, FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. 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 to Subpart GG, shall apply to this emission unit.

4. The maximum usage of paints and solvents shall be limited to 975 gal/yr.
   [Applicant's request, Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.401, JEPB]

Primer/Topcoat Application Operations

5. See Appendix PT

Cleaning Operations

6. See Appendix CO

Additional Recordkeeping and Reporting Requirements

7. Records shall be maintained monthly for the following:
   a. Amount of coating applied
   b. VOC content (lbs/gal) of coatings as applied
   c. Quantity (volume and weight) of surface preparation, clean-up and wash-up solvent / thinner usage
   d. VOC content of solvent / thinner
   e. VOC emissions
   f. Hazardous air pollutants (HAP) content of coatings and solvents
   g. HAP emissions

   Records shall be maintained for a minimum of five (5) years and made available to the Permitting Authority upon request. This recordkeeping requirement is independent from the recordkeeping requirement of Appendix PT.
   [Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.301, JEPB]

8. Semi-annual reports (every 6 months) shall be submitted to the Permitting Authority providing the records and calculations required above. The semi-annual reports shall be submitted by the 30th day of the following month after the end of each reporting period (January -June , July - December). The final report, which is due by the 30th of January for the reporting period of July - December, shall also include a synopsis of the preceding year. This reporting requirement is independent from the reporting requirement of Appendix PT.
   [Rule 62-212.300, FAC, Rule 62-212.400, FAC, and Rule 2.301, JEPB]

EU No. 110--Concrete Batch Plant(s)

EU Description: Concrete Batch Plant(s) for the production of concrete

PM Control Device: Baghouse Dust Collectors

Emission Limitations and Standards

1. This EU shall be allowed to operate continuously, i.e., 8,760 hrs/yr.
[Rule 62-62-210.300(1)(b), FAC, and Rule 2.301, JEPB]

2. Chapter 62-296, Emissions Standards; Rule 62-296.414, Concrete Batching Plants, FAC, and Rule 2.1101, JEPB shall apply to this emission unit.

3. Emissions from silos, weigh hoppers (batchers), and other enclosed storage and conveying equipment shall be controlled to the extent necessary to limit visible emissions to 5 % opacity.
[Rule 62-296.414(1), FAC, and Rule 2.1101, JEPB]

4. The owner or operator shall take reasonable precautions to control unconfined emissions from hoppers, storage and conveying equipment, conveyor drop points, truck loading and unloading, roads, parking areas, stock piles, and yards. The following shall constitute reasonable precautions:

   a. Management of roads, parking areas, stock piles, and yards, which shall include one or more of the following:

      (1) Paving and maintenance of roads, parking areas, and yards.
      (2) Application of water or environmentally safe dust-suppressant chemicals when necessary to control emissions.
      (3) Removal of particulate matter from roads and other paved areas under control of the owner or operator to mitigate reentrainment, and from building or work areas to reduce airborne particulate matter.
      (4) Reduction of stock pile height or installation of wind breaks to mitigate wind entrainment of particulate matter from stock piles.

   b. Use of spray bar, chute, or partial enclosure to mitigate emissions at the drop point to the truck.

   [Rule 62-296.320(4)(c), Rule 62-296.414(2), FAC, and Rule 2.1101, JEPB]

5. PM emissions shall be limited to less than one (1) ton/yr.
[Rule 62-296.700(2)(c), FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

6. Testing for demonstration of compliance shall be performed in accordance with DEP Reference Method (RM) 9 (as described in Chapter 62-297 FAC) for the visual determination of opacity. Initial visible emission testing shall be conducted within 30 days of beginning operation of a concrete batch plant(s) located at this site. Testing shall be conducted annually provided a concrete batch plant operates during the calendar year at the permitted facility.

7. Test procedures shall meet all applicable requirements of Chapter 62-297, FAC, and Rule 2.1201, JEPB.

8. Visible emissions tests of silo dust collector exhaust points shall be conducted while loading the silo at a rate that is representative of the normal silo loading rate. The minimum loading rate shall be 25 tons/hr unless such rate is unachievable in practice. If emissions from the weigh hopper (batcher) operation are also controlled by the silo dust collector, then the batching operation shall be in operation during the visible emissions test. The batching rate during the emissions test shall be representative of the normal batching rate and duration. Each test report shall state the actual silo loading rate during emissions testing and, if applicable, whether or not batching occurred during emissions testing.
[Rule 62-296.414(3), FAC, and Rule 2.1101, JEPB]

9. If emissions from the weigh hopper (batcher) operation are controlled by a dust collector which is separate from the silo dust collector, visible emissions tests of the weigh hopper (batcher) dust collector exhaust point shall be conducted while batching at a rate that is representative of the normal batching rate and duration. Each test report shall state the actual batching rate during emissions testing.
[Rule 62-296.414(3), FAC, and Rule 2.1101, JEPB]

10. Each dust collector exhaust point shall be tested annually for compliance with the visible emission limiting standard. See S.C. 6 above.
[Rule 62-297.310(7)(a), FAC, and Rule 2.1201, JEPB]

11. Each dust collector exhaust point shall be tested for a minimum of 30 minutes or, if the operation is normally completed within less than 30 minutes and does not recur within that time, the test shall last for the length of the loading operation.
[Rule 62-297.310(4)(a), FAC, and Rule 2.1201, JEPB]

Section IV. Special Conditions for EU Nos. 087 through 090

1. In order to provide reasonable assurance that applicable PSD significant levels were not exceeded with the installation and operation of these boilers, restrictions were placed on the quantity of fuel, which may be combusted by these boilers in a calendar year as follows:

Natural Gas Limit (MM Ft^3)	Fuel Oil Limit (10^3 Gallons)
750	575

These restrictions were required by permit no. 0310215-008-AC.

2. The permittee shall maintain records of the quantities and type of fuel combusted at each Boiler Plant on a monthly basis. Natural gas fuel meters and data totalizers shall be used to monitor and record the amount of natural gas combusted by each plant on a monthly basis. All natural gas boiler plant records shall be recorded and summarized in a log providing a monthly total of the quantity (MM Ft^3) of natural gas combusted each month.

As an alternative to the use of the fuel meters and totalizers required above the permittee may use the readings from the natural gas supplier, as supplied monthly, to provide data for the monthly log required above. The readings by the natural gas supplier shall be performed, remotely, on or about the first of each month in order to provide accurate and timely data. The readings shall be on each boiler plant.

Records of the quantity of fuel oil combusted at each boiler plant shall be measured monthly by determining fuel oil tank levels at the beginning and end of each month and calculating the quantity of fuel oil combusted. All fuel oil boiler plant records shall be recorded and summarized in a log providing a monthly total of the quantity (10^3 Gallons) of fuel oil combusted each month.

An alternate method of determining the quantity of fuel oil combusted monthly may be submitted to the Permitting Authority and approval by the Permitting Authority shall be obtained in writing prior to being implemented.

3. Quarterly reports of the quantity and type of fuel combusted in each of the boilers subject to this permit shall be submitted to the Permitting Authority These reports are due by the end of the month following completion of each calendar quarter (i.e.: JAN-MAR, APR-JUN, JUL-SEP, and OCT-DEC).