

PERMIT AMENDMENT NO. 4512-063-0105-V-04-2

ISSUANCE DATE: DRAFT



GEORGIA

DEPARTMENT OF NATURAL RESOURCES

ENVIRONMENTAL PROTECTION DIVISION

Air Quality - Part 70 Operating Permit Amendment

Facility Name: Delta Air Lines, Inc. – Technical Operations Center

Facility Address: 1775 MH Jackson Service Road
Atlanta, Georgia 30354 Clayton County

Mailing Address: P.O. Box 20706
Atlanta, Georgia 30320

Parent/Holding Company: Delta Air Lines, Inc.

Facility AIRS Number: 04-13-063-00105

In accordance with the provisions of the Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq and the Georgia Rules for Air Quality Control, Chapter 391-3-1, adopted pursuant to and in effect under the Act, the Permittee described above is issued an amendment to the Part 70 Operating Permit for:

Increase in the allowable NOx emissions from TC5; Incorporation of Off-Permit Changes approved since issuance of most recent air permit.

This Permit Amendment is conditioned upon compliance with all provisions of The Georgia Air Quality Act, O.C.G.A. Section 12-9-1, et seq, the Rules, Chapter 391-3-1, adopted and in effect under that Act, or any other condition of this Amendment and **Permit No. 4512-063-0105-V-04-0**. Unless modified or revoked, this Amendment expires upon issuance of the next Part 70 Permit for this source. This Amendment may be subject to revocation, suspension, modification or amendment by the Director for cause including evidence of noncompliance with any of the above; or for any misrepresentation made in **App No. 622776** dated **March 31, 2023 and updated on September 7, 2023**; any other applications upon which this **Amendment or Permit No. 4512-063-0105-V-04-0** are based; supporting data entered therein or attached thereto; or any subsequent submittal or supporting data; or for any alterations affecting the emissions from this source.

This Amendment is further subject to and conditioned upon the terms, conditions, limitations, standards, or schedules contained in or specified on the attached **10** pages.



Jeffrey W. Cown, Director
Environmental Protection Division

Table of Contents

PART 1.0 FACILITY DESCRIPTION..... 1
1.4 Process Description of Modification..... 1

PART 3.0 REQUIREMENTS FOR EMISSION UNITS..... 2
3.1. Updated Emission Units..... 2
3.2 Equipment Emission Caps and Operating Limits 3
3.3 Equipment Federal Rule Standards 4
3.4 Equipment SIP Rule Standards 4

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS 5
6.1 General Record Keeping and Reporting Requirements 5
6.2 Specific Record Keeping and Reporting Requirements..... 7

Attachments 10

PART 1.0 FACILITY DESCRIPTION

1.4 Process Description of Modification

Delta Air Lines, Inc. – Technical Operations Center (hereinafter "Delta TechOps" or "facility") performs aircraft maintenance and repair operations. Specific activities conducted at the facility include, but are not limited to, surface coating, solvent cleaning, electroplating, de-painting, engine testing, and facilities support activities including boilers, emergency power generators, and fire pumps.

Delta TechOps submitted a PSD/SAWO application, assigned Application No. 622776, requesting authorization to increase the allowable NOx emission rate for Test Cell No. 5 (hereinafter "TC5") from 39.5 tons/yr (tpy) to 150 tpy for increased operation of the test cell. Since Delta TechOps is requesting the relaxation of a PSD Avoidance limit that was placed on TC5 in Permit No. 4512-063-0105-V-03-2 (issued July 12, 2017, Application No. 44147), this application will address the PSD requirements as though construction had not yet commenced on the project. The requested increase in the NOx allowable emissions from TC5 is accompanied by an increase in VOC emissions from associated emissions units. The associated emissions units include the following: (1) two 25,000-gallon jet-A fuel storage tanks (SHEA ID Nos. 5894 and 5895) and a fuel pump package designed to provide fuel to the jet engines during testing; (2) two 200-gallon oil storage tanks (SHEA ID Nos. 5938 and 5936); (3) one 2,000-gallon used oil storage tank (SHEA ID No. 5893); (4) one 200-gallon diesel storage tank and fuel pump station (SHEA ID No. 5890); (5) one 40-gallon pneumatic pressure pot with spray gun (SHEA ID No. 5901).

Title V Permit Amendment

PART 3.0 REQUIREMENTS FOR EMISSION UNITS

Note: Except where an applicable requirement specifically states otherwise, the averaging times of any of the Emissions Limitations or Standards included in this permit are tied to or based on the run time(s) specified for the applicable reference test method(s) or procedures required for demonstrating compliance.

3.1. Updated Emission Units

REGULATORY GROUPS				
Emission Units/Groups		Specific Limitations/Requirements	Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	ID No.	Description
BF02	Boilers Constructed On or Before January 1, 1972	391-3-1-.02(2)(b) 391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(rrr) 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	N/A	N/A
BF03	Process Heaters	391-3-1-.02(2)(b) 391-3-1-.02(2)(g) 391-3-1-.02(2)(yy)	N/A	N/A
BF04	Large New Boilers	391-3-1-.02(2)(d) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 391-3-1-.02(2)(lll) 40 CFR 60 Subpart A 40 CFR 60 Subpart Dc 40 CFR 63 Subpart A 40 CFR 63 Subpart DDDDD	N/A	N/A
CP01	Chrome Plating Tanks	40 CFR Subpart A 40 CFR 63 Subpart N	2923 2924 2928	Chrome Hoods w/integrated Composite Mesh Pads and HEPA filters
DG01	Vapor Degreasers	391-3-1-.02(2)(ff) 40 CFR 63 Subpart A 40 CFR 63 Subpart T	N/A	N/A
DP01	Aerospace Depainting	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	N/A	N/A
ET01	Jet Engine and APU Test Cells Excludes Jet Engine Test Cell No. 5	391-3-1-.02(2)(b) 391-3-1-.02(2)(g) 391-3-1-.02(2)(yy)	N/A	N/A
ET02	Jet Engine Test Cell No. 5	391-3-1-.02(2)(b) 391-3-1-.02(2)(g) 391-3-1-.02(2)(tt) 391-3-1-.02(2)(yy) 40 CFR 52.21	N/A	N/A
FC01	Aerospace Flush Cleaning (Non-aqueous/Non-semi-aqueous)	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	N/A	N/A
PG01	Aerospace Spray Gun Cleaners	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	N/A	N/A
PR01	Stripping Tanks	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	2946 2951	Scrubbers

Title V Permit Amendment

Delta Air Lines, Inc. – Technical Operations Center

Permit No.: 4512-063-0105-V-04-2

REGULATORY GROUPS				
Emission Units/Groups		Specific Limitations/Requirements	Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	ID No.	Description
PT01	Aerospace Spray Booths	391-3-1-.02(2)(b) 391-3-1-.02(2)(e) 391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	Varies	2-Stage and 3-Stage Filters
SC04	Aerospace Hand-wipe Cleaning (Non-aqueous/Non-semi-aqueous)	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	N/A	N/A
ST01	Volatile Organic Liquid Storage Tanks Subject to Georgia Rule 391-3-1-.02(2)(vv)	391-3-1-.02(2)(vv)	N/A	N/A
AQ01	Aerospace Aqueous and Semi-aqueous Hand-wipe and Flush Cleaning	391-3-1-.02(2)(kkk) 40 CFR 63 Subpart A 40 CFR 63 Subpart GG	N/A	N/A

* Generally applicable requirements contained in this permit may also apply to emission units listed above. The lists of applicable requirements/standards are intended as a compliance tool and may not be definitive.

NSR AVOIDANCE GROUPS				
Emission Units/Groups		Specific Limitations/Requirements	Air Pollution Control Devices	
ID No.	Description	Applicable Requirements/Standards	ID No.	Description
NSR6	Boiler 4794 (pka BF04)	NAA-NSR Avoidance (NOx)	N/A	N/A
NSR7	Boiler 4794 (pka BF04)	PSD Avoidance SO ₂	N/A	N/A
NSR8	Facility-wide Solvent Cleaning Activities (pka DG01 + SC01)	NAA-NSR Offset (VOC)	N/A	N/A
NSR9	Jet Engine Test Cells (pka ET01)	NAA-NSR Avoidance (NOx)	N/A	N/A
NSR10	TOC Expansion Phase 3 (pka TOC3)	NAA-NSR Avoidance (VOC)	N/A	N/A
NSR11	Vapor Degreaser 4845	NAA-NSR Avoidance (VOC)	N/A	N/A
NSR12	Paint Booth 6321	NAA-NSR Avoidance (VOC)	N/A	N/A
NSR13	Paint Booth 9407	NAA-NSR Avoidance (VOC)	N/A	N/A
NSR14	Engine Test Cell No. 5 (SHEA ID No. 5898)	PSD Avoidance (NOx) NAA-NSR 391-3-1-.03(8)	N/A	N/A

3.2 Equipment Emission Caps and Operating Limits

Deleted Condition

3.2.7 Deleted.

Modified Condition

3.2.10 The Permittee shall not discharge or cause the discharge into the atmosphere, from Jet Engine Test Cell No. 5 (Equipment Group ET02), nitrogen oxides (NOx) emissions in amounts equal to or exceeding 150 tons during any consecutive 12-month period, including periods of startup and shutdown.

[40 CFR 52.21(j) and 391-3-1-.02(2)(yy)]

Deleted Condition

3.2.11 Deleted.

Modified Condition

3.2.12 The Permittee shall only combust jet fuel in Engine Test Cell No. 5 (Equipment Group ET02). Jet fuel is limited to 0.3 percent sulfur by weight as defined by ASTM D1655, "Standard Specification for Aviation Turbine Fuels".
[391-3-1-.03(2)(c) and 391-3-1-.02(2)(g)-subsumed]

3.3 Equipment Federal Rule Standards

Deleted Condition

3.3.45 Deleted.

3.4 Equipment SIP Rule Standards

Modified Condition

3.4.1 The Permittee shall not discharge or cause the discharge into the atmosphere from Equipment Groups BF02, ET01, **ET02**, PT01, and ATTACHMENT E any gases which exhibit opacity equal to or greater than 40 percent.
[391-3-1-.02(2)(b)]

Modified Condition

3.4.4 The Permittee shall not combust in Equipment Groups BF02, BF04, ET01, and ATTACHMENT E, fuel, the sulfur content of which is greater than 2.5 percent sulfur, by weight.
[391-3-1-.02(2)(g)]

Deleted Condition

3.4.6 Deleted.

PART 6.0 OTHER RECORD KEEPING AND REPORTING REQUIREMENTS**6.1 General Record Keeping and Reporting Requirements****Modified Condition**

6.1.7 For the purpose of reporting excess emissions, exceedances or excursions in the report required in Condition 6.1.4, the following excess emissions, exceedances, and excursions shall be reported:

[391-3-1-.02(6)(b)1 and 40 CFR 70.6(a)(3)(i)]

- a. Excess emissions: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping which is specifically defined, or stated to be, excess emissions by an applicable requirement)

None required to be reported in accordance with Condition 6.1.4.

- b. Exceedances: (means for the purpose of this Condition and Condition 6.1.4, any condition that is detected by monitoring or record keeping that provides data in terms of an emission limitation or standard and that indicates that emissions (or opacity) do not meet the applicable emission limitation or standard consistent with the averaging period specified for averaging the results of the monitoring)
- i. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR6 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.2. The Permittee shall also report the emission factor recalculated in accordance with Condition 6.2.2.
- ii. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR7 and a table containing, for each month in the reporting period, the monthly fuel oil usage and the 12-month rolling total period as specified in Condition 3.2.3.
- iii. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR8 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.4.
- iv. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR9 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.5.
- v. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR10 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.6.
- vi. **Deleted.**

Title V Permit Amendment

- vii. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR12 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.8.
- viii. Identification of any exceedance(s) of the limit for NSR Avoidance Group NSR13 and a table containing, for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.9.
- ix. **Identification of any exceedance(s) of the limit for Engine Test Cell No. 5 (Equipment Group ET02)** for each month in the reporting period, the monthly emissions and the 12-month rolling total period as specified in Condition 3.2.10.
- x. Exceedances of 40 CFR 60, Subpart Dc are reported via Condition 6.2.13.
- xi. Exceedances of 40 CFR 63, Subpart N are reported via Condition 6.2.15.
- xii. Exceedances of 40 CFR 63, Subpart T are reported via Condition 6.2.19.
- xiii. Exceedances of the aerospace solvent cleaning requirements in 40 CFR 63, Subpart GG and Rule (kkk) are reported via Condition 6.2.25.
- xiv. Exceedances of the aerospace coating application requirements in 40 CFR 63, Subpart GG and Rule (kkk) are reported via Condition 6.2.28 and 6.2.29.
- xv. Exceedances of the aerospace de-painting requirements in 40 CFR 63, Subpart GG and Rule (kkk) are reported via Condition 6.2.34 and 6.2.35.
- xvi. Deleted.**
- xvii. Deleted.**
- c. Excursions: (means for the purpose of this Condition and Condition 6.1.4, any departure from an indicator range or value established for monitoring consistent with any averaging period specified for averaging the results of the monitoring)
 - i. For scrubbers controlling emissions from Equipment Group PR01, any single measurement of the pH, scrubbant liquid flow, or pressure drop outside the limits established in Condition 3.5.1.
 - ii. Deleted.**
 - iii. For the Group CP01, any single measurement of pressure drop across any chrome hood that is outside the range established in Condition 5.2.3a. that is not corrected within 24 hours.

- d. In addition to the excess emissions, exceedances and excursions specified above, the following should also be included with the report required in Condition 6.1.4:
 - i. Failure to conduct the chromium housekeeping practices for 40 CFR 63 Subpart N in Condition 3.3.8. Deviations detected during the inspection and otherwise are reported in accordance with Condition 6.1.3.
 - ii. **Deleted.**
 - iii. Failure to conduct the aerospace work practice monitoring for 40 CFR 63, Subpart GG and Rule (kkk) in Condition 5.2.9. Deviations detected during the inspection and otherwise are reported in accordance with Condition 6.1.3.
 - iv. Any failure to conduct the Rule (lll) tune-up in accordance with Condition 5.2.11 and/or any adjustments of set parameters during the ozone season (May 1-September 30).
 - v. Any failure to conduct the Rule (rrr) tune-up in accordance with Condition 5.2.12, operation of a boiler during the ozone season (May 1-September 30) reported to not be operated in accordance with Condition 5.2.12f., and any use of fuel oil during the ozone season, without a declaration of natural gas curtailment.
 - vi. A copy of Attachment D to this Permit depicting the current assignment of emission units in each Regulatory/NSR Avoidance Group.
 - vii. If relocation(s) are conducted in accordance with Condition 7.1.2 that affect this facility, provide the date of relocation, affected emission unit identification number, identification of the donating facility and equipment group and the receiving facility and equipment group.

6.2 Specific Record Keeping and Reporting Requirements

Modified Condition

VOC NSR Avoidance Emission Limits in NSR8, NSR10, NSR12, and NSR13

- 6.2.9 The Permittee shall maintain monthly records of all materials used by NSR Avoidance Groups NSR8, NSR10, NSR12, and NSR13 that contain VOCs. These records shall include the total weight of each material used and the VOC content of each material (expressed as a weight percentage). The Permittee may subtract from the monthly usage the volatile content of any material disposed as waste provided that the total weight, VOC content (expressed as a weight percentage), and documentation of the method for determining the VOC content of any such waste material be included as part of the record. All other calculations used to determine the quantity of materials used should also be kept as part of the monthly record.
[391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Modified Condition

6.2.10 The Permittee shall use the usage records required in Condition 6.2.9 to calculate the total monthly VOC emissions from NSR Avoidance Groups NSR8, NSR10, NSR12, and NSR13. [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Modified Condition

6.2.11 The Permittee shall use the usage records required in Condition 6.2.10 to determine and record the consecutive twelve-month total of VOC emissions from NSR Avoidance Groups NSR8, NSR10, NSR12, and NSR13 for each calendar month in the reporting period. The Permittee shall notify the Division in writing if the consecutive twelve-month total VOC emissions exceed 112 tons from NSR8, 96 tons from NSR10, 2.0 tons from NSR12, and/or 2.7 tons from NSR13 during any calendar month. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the emission limits in Conditions 3.2.4, 3.2.6, 3.2.8, and 3.2.9. [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Deleted Condition

6.2.43 Deleted.

Modified Condition

PSD/RACT NOx Limit for Engine Test Cell No. 5 (Equipment Group ET02)

6.2.49 The Permittee shall maintain monthly records of the following for Engine Test Cell No. 5 (Equipment Group ET02). These records shall be maintained in a format suitable and available for inspection by and/or submittal to the Division upon request: [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

- a. Quantity and types of engines tested (make and model of each jet engine);
- b. Total quantity of jet fuel consumed during each jet engine test;
- c. Records of how NOx emission factors were derived for each jet engine make/model based on pertinent ICAO EEDB emission indices for the applicable jet engine make/model tested; and
- d. Record of total NOx emissions per month per tested jet engine (tons/month/jet engine).

Modified Condition

6.2.50 The Permittee shall use the records required by Condition 6.2.49 to determine and record the total monthly NOx emissions from Engine Test Cell No. 5 (Equipment Group ET02). These records (including calculations) shall be maintained in a format suitable and available for inspection by and/or submittal to the Division upon request: [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Title V Permit Amendment

Modified Condition

6.2.51 The Permittee shall use monthly records required in Condition 6.2.50 to determine and record the consecutive twelve-month total NOx emissions from Engine Test Cell No. 5 (Equipment Group ET02) for each calendar month in the reporting period. The Permittee shall notify the Division in writing if any consecutive twelve-month total NOx emissions exceed 135 tons (90% of limit). These records shall be maintained in a format suitable and available for inspection by and/or submittal to the Division upon request. This notification shall be postmarked by the fifteenth day of the following month and shall include an explanation of how the Permittee intends to maintain compliance with the emission limit in Condition 3.2.10. [391-3-1-.02(6)(b)1. and 40 CFR 70.6(a)(3)(i)]

Deleted Condition

6.2.52 Deleted.

Deleted Condition

6.2.53 Deleted.

Attachments

- A. List of Standard Abbreviations and List of Permit Specific Abbreviations
- C. List of References
- D. List of Emission Units Per Equipment Group
- E. List of Insignificant Emission Units

ATTACHMENT C

LIST OF REFERENCES

1. The Georgia Rules for Air Quality Control Chapter 391-3-1. All Rules cited herein which begin with 391-3-1 are State Air Quality Rules.
2. Title 40 of the Code of Federal Regulations; specifically 40 CFR Parts 50, 51, 52, 60, 61, 63, 64, 68, 70, 72, 73, 75, 76 and 82. All rules cited with these parts are Federal Air Quality Rules.
3. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Testing and Monitoring Sources of Air Pollutants.*
4. *Georgia Department of Natural Resources, Environmental Protection Division, Air Protection Branch, Procedures for Calculating Air Permit Fees.*
5. Compilation of Air Pollutant Emission Factors, AP-42, Fifth Edition, Volume I: Stationary Point and Area Sources. This information may be obtained from EPA's TTN web site at www.epa.gov/ttn/chief/ap42/index.html.
6. The latest properly functioning version of EPA's **TANKS** emission estimation software. The software may be obtained from EPA's TTN web site at www.epa.gov/ttn/chief/software/tanks/index.html.
7. The Clean Air Act (42 U.S.C. 7401 et seq).
8. White Paper for Streamlined Development of Part 70 Permit Applications, July 10, 1995 (White Paper #1).
9. White Paper Number 2 for Improved Implementation of the Part 70 Operating Permits Program, March 5, 1996 (White Paper #2).

Title V Permit Amendment

ATTACHMENT D

(updated)

LIST OF EMISSION UNITS PER EQUIPMENT GROUP

(Permit No. 4512-063-0105-V-04-2)

REGULATORY GROUPS		
EQUIPMENT GROUP	DESCRIPTION	EMISSION UNIT I.D. NUMBERS
BF02	Boilers Constructed On or Before January 1, 1972	0634, 0636, 0657, 0658, 0659, 0660
BF03	Process Heaters	0650, 0677
BF04	Large New Boilers	4794
CP01	Chrome Plating Tanks	"Existing affected source" tank (under 40 CFR 63 Subpart N): 9902 New affected source" tank (under 40 CFR 63 Subpart N): 0917, 2580 (formerly 0918)
DG01	Vapor Degreasers	0924 , 0967, 8354
DP01	Aerospace Depainting	1235, 1236, 1237, any other depainting conducted facility-wide
ET01	Jet Engine and APU Test Cells	0077, 0078, 1123
ET02	Jet Engine Test Cell(s)	5898
FC01	Aerospace Flush Cleaning (Non-aqueous/Non-semi-aqueous)	0074, 0084, 0088, 0103, 0104, 0220, 0268, 0289, 0290, 0549, 0553 , 0590, 0600, 1776, 1925, 2013, 2039, 2044, 2168, 2173, 2216, 2310, 2488, 2940, 2987, 4540, 4657, 4844, 4847, 4879, 4882, 4972, 5440, 5472, 6227, 7265, 7459, 9406, 9548
PG01	Aerospace Spray Gun Cleaners	
PR01	Stripping Tanks	0849, 0853/ 2964 , 0855/ 2956 , 0856/ 2926 , 0860, 0871, 0895, 0896, 0901, 0911, 0923, 0941, 7420, 8024
PT01	Aerospace Spray Booths	<u>Existing Booths:</u> 0487, 0490, 0491, 0492, 0500, 1235, 1236, 1237 <u>New Booths:</u> 0174, 6321, 9407, 1328, 2304, 2311
SC04	Aerospace Hand-wipe Cleaning (Non-aqueous/Non-semi-aqueous)	Facility-wide Aerospace Hand-wipe Cleaning (Non-aqueous/Non-semi-aqueous)
ST01	Volatile Organic Liquid Storage Tanks Subject to Georgia Rule 391-3-1-.02(2)(vv)	1494, 1495, 2019, 4542
AQ01	Aerospace Aqueous and Semi-aqueous Hand-wipe and Flush Cleaning	Facility-wide Aerospace Aqueous and Semi-aqueous Hand-wipe and Flush Cleaning

Title V Permit Amendment

NSR AVOIDANCE GROUPS	
EQUIPMENT GROUP	EMISSION UNIT I.D. NUMBERS
NSR6 (pka BF04 for NOx) (Established in Permit No. 4512-063-0105-V-01-1)	Boiler-4794
NSR7 (pka BF04 for SO ₂) (Established in Permit No. 4512-063-0105-V-01-1)	Boiler-4794
NSR8 (Established in the October 30, 1996, amendment to Permit No. 4582-031-4823-0.)	VOC-containing vapor degreasers in Equipment Group DG01 and the solvent cleaners in Equipment Group FC01 with a surface area of 10 square feet or more, that do not use aqueous or semi-aqueous cleaning solvents at any time during the reporting period.
NSR9 (Established prior to Permit No. 4512-063-0105-V-01-0)	Jet Engine Test Cell No. 3-0077, Jet Engine Test Cell No. 4-0078
NSR10 (Established prior to Permit No. 4512-063-0105-V-01-0)	Aerospace Depainting & Aerospace Spray Booths-1235, 1236, 1237
NSR12-Paint Booth 6321 (Retroactive NAA-NSR Avoidance Limit established in Permit No. 4512-063-0105-V-02-0)	Paint Booth-6321
NSR13-Paint Booth 9407 (Established in Permit No. 4512-063-0105-V-02-8)	Aerospace Spray Booth-9407