STATE OF DELAWARE
DEPARTMENT OF NATURAL RESOURCES
& ENVIRONMENTAL CONTROL
DIVISION OF AIR & WASTE MANAGEMENT
156 S. STATE STREET
DOVER, DELAWARE 19901

AIR QUALITY MANAGEMENT
SECTION

TELEPHONE: (302) 739 - 9402
FAX NO.: (302) 739 - 3106

December 7, 2009

Section Chief
Permit Program Section (**3AP11**)
United States Environmental Protection Agency
1650 Arch Street
Philadelphia, Pennsylvania, 19103-2029

RECEIVED
DEC 28 2009
Air Protection Division
(3AP10)

ATTENTION: Kathleen Anderson
Section Chief

SUBJECT: Dover Air Force Base
Administrative Permit Amendment

Dear Ms. Anderson:

Enclosed is an administrative permit modification for **AQM-001/00001-Renewal 1** for the **Dover Air Force Base**, having a facility at Rte. 113 and Rte. 10, Dover, Delaware. This modification incorporates the terms and conditions of federally enforceable construction **Permits: APC-2009/0086** and **APC-2009/0087**, and the terms and conditions of 7 DE Admin. Code 1144. This amendment is being made in accordance with 7 **DE Admin. Code** 1130 Section 7.4, and does not require notice to the public or affected states.

Any questions concerning the attached permit amendment may be directed to Mr. William Harris at (302) 323-4542.

Sincerely,

Paul E. Foster, P. E.
Program Manager
Engineering & Compliance Branch

PEF:ELD:WKH
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pc: Dover Title V File
Everett L. DeWhitt
William K. Harris

State of Delaware
Department of Natural Resources and Environmental Control
Division of Air and Waste Management
Air Quality Management Section
156 South State Street
Dover, DE 19901

7 DE Admin. Code 1130 (Title V) Operating Permit
Facility I.D. Number: 1000100001
Permit Number: AQM-001/00001-Renewal 1 (Revision 3)

Effective Date: April 4, 2007 Expiration Date: July 4, 2011
Renewal Application Due Date: July 4, 2010

Pursuant to 7 **Del. C.**, Ch 60, Section 6003, 7 **DE Admin. Code** 1102 Section 2.0, and 7 **DE Admin. Code** 1130 Section 7.2, approval by the Department of Natural Resources and Environmental Control ("Department") is hereby granted to operate the emission units listed in Condition 1 of this permit subject to the terms and conditions of this permit.

This approval is granted to:

Permittee/Owner (hereafter referred to as "Company/Owner")	**Operator** (hereafter referred to as "Operator")
Dover Air Force Base 201 Eagle Way Dover AFB, DE 19902 Responsible Official: Col. Manson O. Morris, USAF Title: Commander, 436th Airlift Wing	Dover Air Force base 436 MSG/CEV 600 Chevron Avenue Dover AFB, DE 19902-5600
Plant Site Location (hereafter referred to as "Facility")	**Plant Mailing Address**
Dover Air Force Base Route 113 and Route 10 Dover, DE 19902	Dover Air Force base 436 MSG/CEV 600 Chevron Avenue Dover AFB, DE 19902-5600

The nature of business of the Facility is National Security and International Affairs. The Standard Industrial Classification code is 9711. The North American Industry Classification System Code (NAICS) is 928110.

WK Harris 12/7/09

William K. Harris, P. E. / December 7, 2009
Engineer

Engineering & Compliance Branch
(302) 323-4542

12/7/09

Paul E. Foster, P.E. / December 7, 2009
Program Manager

Engineering & Compliance Branch
(302) 323-4542

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Condition 1. Emission Units Identification. *[Reference: Reg. No. 30 Section 3.3(1) dated 11/15/1993]*

a. Emission Units Information.

Emission Units	Emission Unit Description
Emission Unit 1	One Combustion Engineering boiler rated at 64.1 MMBTU/hr, fired with No. 6 Fuel Oil or Natural Gas
Emission Unit 2	One Combustion Engineering boiler rated at 64.1 MMBTU/hr, fired with No. 6 Fuel Oil or Natural Gas
Emission Unit 3	One Combustion Engineering boiler rated at 64.1 MMBTU/hr, fired with No. 6 Fuel Oil or Natural Gas
Emission Unit 4	One International - Lamont boiler rated at 64.1 MMBTU/hr, fired with Natural Gas
Emission Units 5 & 6	Two 12.5 MMBTU/hr Sellers Engineering Company boilers fired with No. 2 Fuel Oil or Natural Gas, DAFB Units 31-1 and 31-2
Emission Units 7 through 11, 14, 16, 19, 67 through 73	Cold Solvent Cleaners
Emission Units 21, through 25	Five 10,000 gallon above-ground storage tanks, all containing gasoline

Condition 1. Emission Units Identification (continued)

Emission Units	Emission Unit Description
Emission Unit 26	One 6,000 gallon above-ground storage tank containing AVGAS100LL
Emission Units 27 through 41 & 79	Emergency Generators over 450 hp and fired on diesel fuel.
Emission Unit 47	Metal Parts Coating and Aerospace Coating Operations in the Corrosion Control Paint Booth #1, Building 721 (DAFB Unit 311)
Emission Unit 48	Metal Parts Coating and Aerospace Coating Operations, Corrosion Control Paint Booth #2, Building 721 (DAFB Unit 314)
Emission Unit 49	Metal Parts Coating and Aerospace Coating Operations, Hangar Paint Area , Building 711 (DAFB Unit 351)
Emission Unit 49a	Metal Parts Coating and Aerospace Coating Operations, Hangar Paint Area , Building 714
Emission Unit 50	Metal Parts Coating and Aerospace Coating Operations, Hangar Paint Area, Building 715 (DAFB Unit 406)
Emission Unit 50a	Metal Parts Coating and Aerospace Coating Operations, Hanger Paint Area, Building 706
Emission Unit 50b	Metal Parts Coating and Aerospace Coating Operations, Flight line Touch-up Painting
Emission Unit 51	Metal Parts Coating and Aerospace Coating Operations, Corrosion Control Paint Booth #3, Building 721 (DAFB Unit 631)
Emission Unit 52	Metal Parts Coating and Aerospace Coating Operations, Corrosion Control Paint Booth #4, Building 721 (DAFB Unit 634)
Emission Unit 53	Metal Parts Coating and Aerospace Coating Operations, Air Mobility Command's Museum, Building 789
Emission Unit 54	Aerospace Ground Equipment Paint Booth, Building 1315 (DAFB Unit 620)
Emission Unit 55	Motor Vehicle Refinishing in the Auto Body Shop, Building 101, DAFB Unit 388
Emission Unit 56	Portable Hand-Held Sanding Equipment, Flight line (DAFB Unit 619)
Emission Unit 57	Portable Hand-Held Sanding Equipment, Building 721 (DAFB Unit 739)
Emission Unit 58	Portable Hand-Held Sanding Equipment, Building 711 (DAFB Unit 740)
Emission Unit 59	Portable Hand-Held Sanding Equipment, Building 715 (DAFB Unit 741)
Emission Unit 60	Portable Hand-Held Sanding Equipment, Building 714 (DAFB Unit 742)
Emission Unit 60a	Portable Hand-Held Sanding Equipment, Building 706
Emission Unit 62	Bead Blasting Room, Building 724
Emission Unit 63	Engine Test Cell (TF-39GE-1C), fired on JP-8 fuel, DAFB Unit 316
Emission Units 81-1 & 81-2	Crematory retorts

Condition 1. Emission Units Identification (continued)

b. Regulation No. 1102 Permit Identification

Existing Regulation No. 1102 Permits	
APC-81/0740 - OPERATION-Amendment 1 (NOx RACT), dated March 11, 2002	One Combustion Engineering boiler with a rated heat input of 64.1 MMBTU/hr and fired on either natural gas or residual oil, designated Boiler No. 1 (Emission Unit 1)
APC-81/0741 - OPERATION (Amendment 1)(NOx RACT), dated August 15, 2000	One Combustion Engineering boiler rated at 64.1 MMBTU/hr, fired on No. 6 Fuel Oil or Natural Gas (Emission Unit 2)
APC-81/0742 - OPERATION (Amendment No. 2)(NOx RACT), dated August 15, 2000	One Combustion Engineering boiler rated at 64.1 MMBTU/hr, fired on No. 6 Fuel Oil or Natural Gas (Emission Unit 3)
APC-81/0743- OPERATION-Amendment 1 (NOx RACT), dated March 11, 2002	One International - Lamont boiler with a rated heat input of 64.1 MMBTU/hr and fired on natural gas designated Boiler No. 4 (Emission Unit 4)
APC-81/746, 747, 760, 761, 766, 767, 770, and 773-776 - OPERATION, dated May 26, 1981	Eleven boilers with a rated heat inputs ranging from 1.89 to 4.125 MMBTU/hr each fired on distillate oil, (Insignificant Activities with Applicable Requirements)
APC-2000/0306 - CONSTRUCTION/OPERATION, dated June 27, 2000	Two Burnham Industrial Boilers fired on natural gas or No. 2 fuel oil, with rated heat inputs of 12.5 MMBTU/hr. (Emission Units 5 and 6, located in Building 706)
APC-2000/0327 - CONSTRUCTION (VOC RACT) (Amendment 1), dated August 11, 2000	Four Paint Spray Booths located in Building 721. (Emission Units 47, 48, 51, and 52)
APC-92/0394 - OPERATION, dated June 14, 1993	Operation of an aircraft refurbishment and paint touch-up process to be conducted in Building 715 (Emission Unit 50)
APC-2008/0151-CONSTRUCTION, dated June 16, 2008	Cummins model 500DFEK generator set and the associated fuel oil storage tank for Control Tower emergency use
APC-2009/0086-CONSTRUCTION, dated July 5, 2009	One 20,000-gallon underground gasoline storage tank (designated Tank No. 517-1) and one 12,000-gallon underground gasoline storage tank (designated Tank No. 517-2)
APC-2008/0151-CONSTRUCTION, dated June 3, 2008	One 755 hp diesel-fired Control Tower Emergency Generator
APC-2004/0749-CONSTRUCTION, dated July 27, 2004	Dust Collection System, Building 721

Condition 2 - General Requirements

a. Certification.

1. Each document submitted to the Department/EPA as required by this permit shall be certified by a Responsible Official as to truth, accuracy, and completeness. Such certification shall be signed by a Responsible Official and shall contain the following language: "I certify, based on information and belief formed after reasonable inquiry, the statements and information in the

Condition 2- General Requirements (Cont.)

document are true, accurate, and complete." *[Reference: 7 **DE Admin. Code** 1130 Section 5.6 dated 11/15/93 and 6.3.1 dated 12/11/00]*

2. Any report of deviations required under Conditions 3(c)(2)(ii) or 3(c)(2)(iii) that must be submitted to the Department within ten calendar days of discovery of the deviation, may be submitted in the first instance without a certification provided a certification meeting the requirements of Condition 2(a)(1) is submitted to the Department within ten calendar days thereafter, together with any corrected or supplemental information required concerning the deviation. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.3.4 dated 12/11/00]*

3. Each document submitted to the Department/EPA pursuant to this permit shall be sent to the following addresses:

State of Delaware – DNREC Division of Air and Waste Management Air Quality Management Section 156 South State Street Dover, DE 19901 ATTN: Program Administrator	United States Environmental Protection Agency Associate Director of Enforcement (3AP12) 1650 Arch Street Philadelphia, PA 19103
No. of Originals: **1** & No. of Copies: **1**	No. of Copies: **1**

b. Compliance.

1. The Owner and/or Operator shall comply with all terms and conditions of this permit. Any noncompliance with this permit constitutes a violation of the applicable requirements under the Clean Air Act, and/or 7 **DE Admin. Code** 1100, and is grounds for an enforcement action; for permit termination, revocation, and reissuance or modification; or for denial of a permit renewal. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.1 dated 12/11/00]*

2.
   i. For applicable requirements with which the source is in compliance, the Owner and/or Operator shall continue to comply with such requirements. *[Reference: 7 **DE Admin. Code** 1130 Sections 5.4.8.3.1 dated 11/15/93 and 6.3.3 dated 12/11/00]*

   ii. For applicable requirements that will become effective during the term of this permit, the Owner and/or Operator shall meet such requirements on a timely basis unless a more detailed schedule is expressly required by the applicable requirement. *[Reference: 7 **DE Admin. Code** 1130 Sections 5.4.8.3.2 dated 11/15/93 and 6.3.3 dated 12/11/00]*

3. Nothing in Condition 2(b)(1) of this permit shall be construed to preclude the Owner and/or Operator from making changes consistent with Condition 2(m)(3) [Minor Permit Modifications] or Condition 4(a) [Operational Flexibility]. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.8 dated 12/11/00 and 7.5.1.5 dated 12/11/00]*

4. The fact that it would have been necessary to halt or reduce an activity in order to maintain compliance with the terms and conditions of this permit shall not constitute a defense for the Owner and/or Operator in any enforcement action. Nothing in this permit shall be construed as precluding consideration of a need to halt or reduce activity as a mitigating factor in assessing penalties for noncompliance if the health, safety, or environmental impacts of halting or reducing operations would be more serious that the impacts of continuing operations. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.2 dated 12/11/00]*

5. The Owner and/or Operator may seek to establish that noncompliance with a technology-based emission limitation under this permit was due to an emergency or malfunction if both the record

Condition 2- General Requirements (Cont.)

keeping requirements in Condition 3(b)(2)(iii) and the reporting requirements in Condition 3(c)(2)(ii)(A) are satisfied. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.2 dated 12/11/00]*

6.

i. In any enforcement proceeding, the Owner and/or Operator seeking to establish the occurrence of an emergency or malfunction has the burden of proof. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.4 dated 12/11/00]*

ii. The provisions of 7 **DE Admin. Code** 1130 pertaining to Emergency/Malfunctions as defined in Conditions Nos. 2(b)(5); 2(b)(6); 3(b)(2)(iii); and 3(c)(2)(ii)(A) of this permit are in addition to any emergency or malfunction provision contained in any applicable requirement. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.5 dated 12/11/00]*

7. Reserved.

8. If required, the schedule of compliance in Condition 5 of this permit is supplemental to and shall not sanction noncompliance with the applicable requirements upon which it is based. *[Reference: 7 **DE Admin. Code** 1130 Section 5.4.8.3.3 dated 11/15/93]*

9. Nothing in this permit shall be interpreted to preclude the use of any credible evidence to demonstrate noncompliance with any term of this permit. *[Reference: 62 FR 8314 dated 2/24/97]*

10. All terms and conditions of this permit are enforceable by the Department and by the U.S. Environmental Protection Agency ("EPA") unless specifically designated as "State Enforceable Only" *[Reference: 7 **DE Admin. Code** 1130 Section 6.2.1 dated 12/11/00]*

c. Confidentiality. The Owner and/or Operator may make a claim of confidentiality for any information or records submitted to the Department. However, by submitting a permit application, the Owner and/or Operator waives any right to confidentiality as to the contents of its permit, and the permit contents will not be entitled to protection under 7 **Del. C.**, Ch 60, § 6014. *[Reference: 7 **DE Admin. Code** 1130 Sections 5.1.4 dated 11/15/93, 6.1.3.3.5 dated 12/11/00, and 6.1.7.5 dated 12/11/00]*

1. Confidential information shall meet the requirements of 7 **Del. C.**, Ch 60, § 6014, and 29 **Del. C.**, Ch 100. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.4 dated 11/15/93]*

2. If the Owner and/or Operator submits information to the Department under a claim of confidentiality, the Owner and/or Operator shall also submit a copy of such information directly to the EPA, if the Department requests that the Owner and/or Operator do so. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.4 dated 11/15/93]*

d. Construction, Installation, or Alteration. The Owner and/or Operator shall not initiate construction, installation, or alteration of any equipment or facility or air contaminant control device which will emit or prevent the emission of an air contaminant prior to submitting an application to the Department under 7 **DE Admin. Code** 1102, and, when applicable, 7 **DE Admin. Code** No. 1125, and receiving approval of such application from the Department; except as exempted in 7 **DE Admin. Code** 1102 Section 2.2. *[Reference: 7 **DE Admin. Code** 1102 Section 2.1 dated 6/1/97 and 7 **DE Admin. Code** 1130 Section 7.2.3 dated 12/11/00]*

e. Definitions/Abbreviations. Except as specifically provided for below, for the purposes of this permit, terms used herein shall have the same meaning accorded to them under the applicable requirements of the Clean Air Act and 7 **DE Admin. Code** 1100.

1. "Act" means the Clean Air Act, as amended by the Clean Air Act Amendments of November 15, 1990, 42 U.S.C. 7401 et seq. *[Reference: 7 **DE Admin. Code** 1130 Section 2 dated 11/15/93]*

2. "AP-42" means the Compilation Of Air Pollutant Emission Factors, Fifth Edition, AP-42, dated January 15, 1995, as amended with Supplements "A" dated February 1996, "B" dated November

Condition 2- General Requirements (Cont.)

1996, "C" dated November 1997, "D" dated August 1998, "E" dated September 1999, and "F" dated September 2000 and the December 2001 update, the December 2002 update and the December 2003 update.

3. "CFR" means Code of Federal Regulations.

4. "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the sources, including acts of God, which situation requires immediate corrective action to restore normal operation, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.1 dated 12/11/00]*

5. "Malfunction" means any sudden and unavoidable failure of air pollution control equipment or of a process to operate in a normal or usual manner, and that causes the source to exceed a technology-based emission limitation under this permit, due to unavoidable increases in emissions attributable to the malfunction. A malfunction shall not include noncompliance to the extent caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.1 dated 12/11/00]*

6. "Number 2 fuel oil" and "No. 2 fuel oil" means distillate oil.

7. "Reg." and "Regulation" mean the regulations covered under 7 **DE Admin. Code** 1100.

8. "Regulations Governing the Control of Air Pollution" means the codification of those regulations enacted by the Delaware Department of Natural Resources and Environmental Control, in accordance with 7 **Del. C.,** Ch 60, § 6010.

f. Duty to Supplement.

1. Upon becoming aware of a failure to submit any relevant facts or a submittal of incorrect information in any permit application, the Owner and/or Operator shall promptly submit to the Department such supplementary facts or corrected information. *[Reference: 7 **DE Admin. Code** 1130 Section 5.2 dated 11/15/93]*

2. The Owner and/or Operator shall promptly submit to the Department information as necessary to address any requirements that become applicable to the source after the date it filed a complete application but prior to the release of a corresponding draft permit. *[Reference: 7 **DE Admin. Code** 1130 Section 5.2 dated 11/15/93]*

3. The Owner and/or Operator shall furnish to the Department, upon receipt of a written request and within a reasonable time specified by the Department:

   i. Any information that the Department determines is reasonably necessary to evaluate or take final action on any permit application submitted in accordance with Condition 2(l) or 2(m) of this permit. The Owner and/or Operator may request an extension to the deadline the Department may impose on the response for such information. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.2.3 dated 11/15/93]*

   ii. Any information that the Department requests to determine whether cause exists to modify, terminate, or revoke this permit, or to determine compliance with the terms and conditions of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.5 dated 12/11/00]*

   iii. Copies of any records required to be kept by this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.5.7 dated 12/11/00]*

Condition 2- General Requirements (Cont.)

g. **Emission Trading**. No permit revision shall be required under any approved economic incentives, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in the permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.9 dated 12/11/00]*

h. **Fees**. The Owner and/or Operator shall pay fees to the Department consistent with the fee schedule established by the Delaware General Assembly. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.8 dated 12/11/00 and Section 9.0 dated 11/15/93]*

i. **Inspection and Entry Requirements**. Upon presentation of identification, the Owner and/or Operator shall allow authorized officials of the Department to perform the following:

1. Enter upon the Owner and/or Operator's premises where a source is located or an emissions-related activity is conducted, or where records that must be kept under the terms and conditions of this permit are located. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.2.1 dated 12/11/00]*
2. Have access to and copy, at reasonable times, any records that must be kept under the terms and conditions of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.2.2 dated 12/11/00]*
3. Inspect, at reasonable times and using reasonable safety practices, any facility, equipment (including monitoring and air pollution control equipment), practice, or operation regulated or required under this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.2.3 dated 12/11/00]*
4. Sample or monitor, at reasonable times, any substance or parameter for the purpose of assuring compliance with this permit or any applicable requirement. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.2.4 dated 12/11/00]*

j. **Permit and Application Consultation**. The Owner and/or Operator is encouraged to consult with Department personnel before submitting an application or, at any other time, concerning the operation, construction, expansion, or modification of any installation, or concerning the required pollution control devices or system, the efficiency of such devices or system, or the pollution problem related to the installation. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.1.7 dated 11/15/93]*

k. **Permit Availability**. The Owner and/or Operator shall have available at the facility at all times a copy of this permit and shall provide a copy of this permit to the Department upon request. *[Reference: 7 **DE Admin. Code** 1102 Section 8.1 dated 6/1/97]*

l. **Permit Renewal**. This permit expires on *<maximum is no more than the issue date plus 5 years>* except as provided in Condition 2(l)(3) below. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.2 dated 12/11/00]*

1. Applications for permit renewal shall be subject to the same procedural requirements, including those for public participation, affected state comment, and EPA review, that apply to initial permit issuance under 7 **DE Admin. Code** 1130 Section 7.1, except that an application for permit renewal may address only those portions of the permit that the Department determines require revision, supplementing, or deletion, incorporating the remaining permit terms by Reference: from the previous permit. The Department may similarly, in issuing a draft renewal permit or proposed renewal permit, specify only those portions that will be revised, supplemented, or deleted, incorporating the remaining permit terms by Reference:. *[Reference: 7 **DE Admin. Code** 1130 Section 7.3.1 dated 12/11/00]*
2. The Owner and/or Operator's right to operate shall cease upon the expiration date unless a timely and complete renewal application has been submitted to the Department by **July 4, 2010**. *[Reference: 7 **DE Admin. Code** 1130 Section 7.3.2 dated 12/11/00]*
3. The Department shall review each application for completeness and shall inform the applicant within 60 days of receipt if the application is incomplete. Unless the Department requests additional information or otherwise notifies the applicant of incompleteness within 60 days of an

Condition 2- General Requirements (Cont.)

application, an application will be deemed complete if it contains the information required by the application form and 7 **DE Admin. Code** 1130 Section 5.4. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.2.1 dated 11/15/93*

4. If a timely and complete application for a permit renewal is submitted to the Department pursuant to 7 **DE Admin. Code** 1130, Section 5.1.2.4 (dated 11/15/93) and Section 7.3.1 (dated 12/11/00) and the Department, through no fault of the Owner and/or Operator, fails to take final action to issue or deny the renewal permit before the end of the term of this permit, then this permit shall not expire until the renewal permit has been issued or denied, and any permit shield granted for the permit shall continue in effect during that time. *[Reference: 7 **DE Admin. Code** 1130 Section 7.3.3 dated 12/11/00]*

m. Permit Revision and Termination.

1.
   i. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.3 dated 12/11/00]*

   ii. Except as provided under Condition 2(m)(3) ["Minor Permit Modification"], the filing of a request by the Owner and/or Operator for a permit modification, revocation and reissuance, or termination, or of a modification of planned changes or anticipated noncompliance does not stay any term or condition of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.3 dated 12/11/00 and 7.5.1.5 dated 12/11/00]*

2. "Administrative Permit Amendment." When required, the Owner and/or Operator shall submit to the Department a request for an administrative permit amendment in accordance with 7 **DE Admin. Code** 1130 Section 7.4. *[Reference: 7 **DE Admin. Code** 1130 Section 7.4 dated 12/11/00]*

3. "Minor Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a minor permit modification in accordance with 7 **DE Admin. Code** 1130 Section 7.5.1 and 7.5.2. *[Reference: 7 **DE Admin. Code** 1130 Section 7.5.1 dated 12/11/00 and 7.5.2 dated 12/11/00]*

   i. For a minor permit modification, during the period of time between the time the Owner and/or Operator makes the change or changes proposed in the minor permit modification application and the time that the Department takes action on the application, the Owner and/or Operator shall comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this period the Owner and/or Operator, at its own risk, need not comply with the existing terms and conditions of this permit that it seeks to modify. *[Reference: 7 **DE Admin. Code** 1130 Section 7.5.1.5 dated 12/11/00 and 7.5.2.5 dated 12/11/00]*

   ii. If the Owner and/or Operator fail to comply with its proposed permit terms and conditions during this time period, the existing terms and conditions of this permit may be enforced against the Owner and/or Operator. *[Reference: 7 **DE Admin. Code** 1130 Section 7.5.1.5 dated 12/11/00 and 7.5.2.5 dated 12/11/00]*

4. "Significant Permit Modification." When required, the Owner and/or Operator shall submit to the Department an application for a significant permit modification in accordance with 7 **DE Admin. Code** 1130 Section 7.5.3. *[Reference: 7 **DE Admin. Code** 1130 Section 7.5.3 dated 12/11/00]*

5.
   i. When the Owner and/or Operator is required to meet the requirements under Section 112(g) of the Act or to obtain a preconstruction permit under 7 **DE Admin. Code** 1100, the Owner and/or Operator shall file a complete application to revise this permit within 12

Condition 2- General Requirements (Cont.)

months of commencing operation of the construction or modification. *[Reference: 7 **DE Admin. Code** 1130 Section 5.1.1.4 dated 11/15/93]*

ii. When the Owner and/or Operator is required to obtain a preconstruction permit, the Owner and/or Operator may submit an application to revise this permit for concurrent processing. The revision request for this permit when submitted for concurrent processing shall be submitted to the Department with the Owner and/or Operator's preconstruction review application or at such later time as the Department may allow. Where this permit would prohibit such construction or change in operation, the Owner and/or Operator shall obtain a permit revision before commencing operation. *[Reference: 7 **DE Admin. Code** 1102 Sections 11.2.10, 11.5 and 12.4, dated 6/11/06, and 7 **DE Admin. Code** 1130 Section 5.1.1.4 dated 11/15/93]*

iii. Where an application is not submitted for concurrent processing, the Owner and/or Operator shall obtain an operating permit under 7 **DE Admin. Code** 1100 prior to commencing operation of the construction or modification to cover the period between the date operation is commenced and until such time as operation is approved under 7 **DE Admin. Code** 1130. *[Reference: 7 **DE Admin. Code** 1102 Section 2.1 dated 6/11/06]*

6. "Permit Termination." The Owner and/or Operator may at any time apply for termination of this permit in accordance with 7 **DE Admin. Code** 1130 Section 7.8.4 or Section 7.8.5. *[Reference: 7 **DE Admin. Code** 1130 Sections 7.8.4 dated 12/11/00 and 7.8.5 dated 12/11/00]*

n. Permit Transfer.

1. A change in ownership or operational control of this facility shall be treated as an administrative permit amendment where the Department has determined that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage, and liability between the current and new owner has been submitted to the Department. *[Reference: 7 **DE Admin. Code** 1130 Section 7.4.1.4 dated 12/11/00]*

2. In addition to any written agreement submitted by the Owner and/or Operator in accordance with Condition 2(n)(1), the Owner and/or Operator shall have on file at the Department a statement meeting the requirements of 7 **Del. C.,** Ch 79, Section 7902. *This permit condition is state enforceable only.* *[Reference: 7 **Del. C.,** Ch 79 Section 7902 dated 8/28/2007]*

3. The written agreement required in Condition 2(n)(1) of this permit shall be provided to the Department within a minimum of 30 calendar days prior to the specific date for transfer and shall indicate that the transfer is agreeable to both the current and new owner. *[Reference: 7 **DE Admin. Code** 1102 Section 7.1 dated 6/1/97]*

o. Property Rights. This permit does not convey any property rights of any sort, or any exclusive privilege. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.7.4 dated 12/11/00]*

p. Risk Management Plan Submissions.

1. In the event this stationary source, as defined in the State of Delaware 7 **DE Admin. Code** 1201 "Accidental Release Prevention Regulation" Section 4.0, is subject to or becomes subject to Section 5.0 of 7 **DE Admin. Code** 1201 (as amended March 11, 2006), the owner or operator shall submit a risk management plan (RMP) to the Environmental Protection Agency's RMP Reporting Center by the date specified in Section 5.10 and required revisions as specified in Section 5.190. A certification statement shall also be submitted as mandated by Section 5.185. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.4 dated 12/11/00, 7 **DE Admin. Code** 1201 as amended March 11, 2006 and Delaware; Approval of Accidental Release Prevention Program, Federal Register Vol. 6, No. 11 pages 30818-22 dated June 8, 2001]*

Condition 2- General Requirements (Cont.)

2. If this stationary source, as defined in 7 **DE Admin. Code** 1201 Section 4.0, is not subject to Section 5.0 but is subject or becomes subject to Section 6.0 (as amended March 11, 2006), the owner or operator shall submit a Delaware RMP to the State of Delaware's Accidental Release Prevention group by the date as specified in Section 6.6.10 and required revisions as specified by Section 6.6.1. *Note: State enforceable only.* *[Reference: 7 **DE Admin. Code** 1201 as amended March 11, 2006]*

q. Protection of Stratospheric Ozone.

When applicable, this Facility shall comply with the following requirements: *[Reference: 40 CFR Part 82 "**Protection of Stratospheric Ozone**" revised as of 7/1/97 and 7 **DE Admin. Code** 1130 Section 2.0 dated 11/15/93]*

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

   i. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a process that uses a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to §82.106.

   ii. The placement of the required warning statement must comply with the requirements pursuant to §82.108.

   iii. The form of the label bearing the required warning statement must comply with the requirements pursuant to §82.110.

   iv. No person may modify, remove, or interfere with the required warning statement except as described in §82.112.

2. Any person servicing, maintaining, or repairing appliances, except for motor vehicles, shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for Motor Vehicle Air Conditioners (MVACs) in Subpart B. In addition, Subpart F applies to refrigerant reclaimers, appliance owners, and manufacturers of appliances and recycling and recovery equipment.

   i. Persons owning appliances for maintenance, service, repair, or disposal must comply with the prohibitions and required practices pursuant to §82.154 and §82.156.

   ii. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to §82.158.

   iii. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to §82.161.

   iv. Persons performing maintenance, service, repair, or disposal of appliances must certify with the Administrator pursuant to §82.158 and §82.162.

   v. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with record keeping requirements pursuant to §82.166. ("MVAC-like appliance" as defined at §82.152)

   vi. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to §82.156.

3. Owners/Operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to 40 CFR Part 82, Subpart F §82.166.

Condition 2- General Requirements (Cont.)

4. If the permittee manufactures, transforms, destroys, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR Part 82, Subpart A, "Production and Consumption Controls".

5. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the MVAC, the permittee is subject to all the applicable requirements as specified in 40 CFR Part 82, Subpart B, "Servicing of Motor Vehicle Air Conditioners".

   i. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant. These systems are regulated under 40 CFR Part 82, Subpart F.

6. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed as acceptable in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR Part 82, Subpart G, Significant New Alternatives Policy Program.

r. **Severability**. The provisions of this permit are severable. If any part of this permit is held invalid, the application of such part to other persons or circumstances and the remainder of this permit shall not be affected thereby and shall remain valid and in effect. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.6 dated 12/11/00]*

Condition 3- Specific Requirements

a. **Emission Limitations Emission Standards, Operational Limitations, and Operational Standards**. The Owner and/or Operator shall comply with the limitations and standards detailed in Condition 3 – Table 1 of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.1 dated 12/11/00]*

b. **Compliance Determination Methodology (Monitoring, Testing, QA/QC Procedures, and Record Keeping).** The Owner and/or Operator shall maintain records of all required monitoring data and support information for a period of at least five years from the date of the monitoring sample, measurement, report, or application. Support information includes all original strip-chart recordings, where appropriate, for continuous monitoring instrumentation, and copies of all reports required by the permit. Where appropriate, the permit may specify that records may be maintained in computerized form. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.2 dated 12/11/00]*

1.

   i. Specific Requirements. The Owner and/or Operator shall comply with the operational limitations, monitoring, testing, and record keeping requirements detailed in Condition 3 – Table 1 which are in addition to those in Conditions 3(b)(1)(ii) and 3(b)(2) of this permit. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.1 dated 12/11/00, 6.1.3.1 dated 12/11/00, and 6.1.10 dated 12/11/00]*

   ii. General Testing Requirements. Upon written request of the Department, the Owner and/or Operator shall, at the Owner and/or Operator's expense, sample the emissions of, or fuel used by, an air contaminant emission source, maintain records, and submit reports to the Department on the results of such sampling. *[Reference: 7 **DE Admin. Code** 1117 Section 2.2 dated 7/17/84]*

2. General Record Keeping Requirements. The Owner and/or Operator shall record, at a minimum, all of the following information:

Condition 3. Specific Requirements (continued)

i. If required, for each operating scenario identified in Condition 3 – Table 1 of this permit, a log that indicates the operating scenario under which each particular emission unit is operating. The Owner and/or Operator shall, contemporaneously with changing from one operating scenario to another, record in this log the time at which the operating scenario under which it is operating is changed. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.10 dated 12/11/00]*

ii. The following information to the extent specified in Condition 3 – Table 1 of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1 dated 12/11/00]*

A. The date, place, and time of the sampling or measurements. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.1 dated 12/11/00]*

B. The dates analyses were performed. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.2 dated 12/11/00]*

C. The Owner and/or Operator or entity that performed the analyses. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.3 dated 12/11/00]*

D. The analytical techniques or methods used. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.4 dated 12/11/00]*

E. The results of such analyses. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.5 dated 12/11/00]*

F. The operating conditions as existing at the time of sampling or measurement. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.2.1.6 dated 12/11/00]*

iii. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5); a properly signed, contemporaneous operating logs, or other relevant evidence which indicates that: *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.3 dated 12/11/00]*

A. An emergency or malfunction occurred and the causes of the emergency or malfunction. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.3.1 dated 12/11/00]*

B. The facility was at the time of the emergency or malfunction being operating in a prudent and professional manner and in compliance with the generally accepted industry operations and maintenance procedures. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.3.2 dated 12/11/00]*

C. During the period of the emergency or malfunction the Owner and/or Operator took all reasonable steps to minimize levels of emissions that exceeded the emission standards, or other requirements of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.7.3.3 dated 12/11/00]*

iv. A copy of the written notice required by Condition 3(c)(2)(iii) for each change made under Condition 4(c) [Operational Flexibility] of this permit shall be maintained with a copy of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

c. Reporting and Compliance Certification Requirements.

1. Specific Reporting/Certification Requirements. The Owner and/or Operator shall comply with the Reporting/Certification Requirements detailed in Condition 3– Table 1 of this permit, which are in addition to those of Conditions 3(c)(2) and 3(c)(3) of this permit. Each report that contains any deviations from the terms of Condition 3– Table 1 shall identify the probable cause of the deviations and any corrective actions or preventative measures taken. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3 dated 12/11/00, 6.1.3.3.3.3 dated 12/11/00, and 6.1.3.3.3.4 dated 12/11/00]*

2. General Reporting Requirements.

Condition 3. Specific Requirements (continued)

i. The Owner and/or Operator shall submit to the Department a report of any required monitoring not later than the first day of August (covering the period from January 1 through June 30 of the current calendar year) and the first day of February (covering the period July 1 through December 31 of the previous calendar year) of each calendar year. Each report shall identify any deviations from the monitoring, record keeping, and reporting requirements under this permit; and the probable cause of the deviations; and any corrective actions or preventative measures taken. If no deviations have occurred, such shall be stated in the report. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3.1 dated 12/11/00, 6.1.3.3.2 dated 12/11/00, and 6.1.3.3.3.4 dated 12/11/00]*

ii. In addition to the semiannual monitoring reports required under Condition 3(c)(2)(i), the Owner and/or Operator shall submit to the Department supplemental written reports and/or notices identifying all deviations from permit conditions, probable cause of the deviations, and any corrective actions or preventative measures as follows: *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.4 dated 12/11/00]*

A. If the Owner and/or Operator is claiming the affirmative defense of emergency or malfunction as provided in Condition 2(b)(5) of this permit, a notice of any deviation resulting from emergency or malfunction conditions shall be reported to the Department within two working days of the time when the technology-based emission limitations were exceeded. Such notice shall contain a description of the emergency or malfunction, any steps taken to mitigate emissions, and any corrective actions taken. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3.3.1 dated 12/11/00 and 6.7.3.4 dated 12/11/00]*

B. Emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department immediately upon discovery and after activating the appropriate site emergency plan, in the following manner: *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.2 dated 12/11/00]*

1. Emissions that pose an imminent and substantial danger to public health, safety or the environment must be reported by calling the Department's Environmental Emergency Notification and Complaint number (800) 662-8802. *[Reference: 7 **DE Admin. Code** No 1130, Section 6.1.3.3.3.2 dated 12/11/2000]*

2. Emissions in excess of any permit condition or emissions which create a condition of air pollution but do not pose an imminent and substantial danger to public health, safety or the environment must either be called in to the Environmental Emergency Notification and Complaint number (800) 662-8802 or faxed to (302) 739-2466. The ability to fax notifications to the Department may be revoked by the Department upon written notice to the Company and at the Department's sole discretion. *[Reference: 7 **DE Admin. Code** No 1130, Section 6.1.3.3.3.2 dated 12/11/2000]*

C. All emissions in excess of any permit condition or emissions which create a condition of air pollution shall be reported to the Department in a written report pursuant to Condition 3(c)(2)(1) and/or the specific reporting requirements listed in Condition 3 – Table 1 of this permit. *[Reference: 7 **DE Admin. Code** 1130 Sections 6.1.3.3.3.3 dated 12/11/00 and 6.1.3.3.3.4 dated 12/11/00]*

D. Discharges to the atmosphere in excess of any quantity specified in the 7 **DE Admin. Code** 1203 ("**Reporting of a Discharge of a Pollutant or an Air Contaminant**") shall be reported, immediately upon discovery and after activating the appropriate site emergency plan, either in person or to the Department's 24-hour Environmental Emergency Notification and Complaint line (1-800-662-8802). Discharges in compliance with this permit and excess emissions previously reported under Condition 3(c)(2)(ii)(B) of

Condition 3. Specific Requirements (continued)

this permit are exempt from this reporting requirement. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.3.3.5 dated 12/11/00 and 7 **DE Admin. Code** 1203]*

iii. Prior to making a change as provided in Condition 4 [Operational Flexibility] of this permit the Owner and/or Operator shall give written notice to the Department and EPA at least seven calendar days before the change is to be made. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

A. The seven day period may be shortened or eliminated as necessary for a change that must be implemented more quickly to address unanticipated conditions posing a significant health, safety, or environmental hazard. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

B. If less than seven calendar days notice is provided because of a need to respond more quickly to such unanticipated conditions, the Owner and/or Operator shall provide notice to the Department and EPA as soon as possible after learning of the need to make the change, together with the reasons why advance notice could not be given. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

C. The written notice shall include all of the following information: *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

1. The identification of the affected emission units and a description of the change to be made.

2. The date on which the change will occur.

3. Any changes in emissions.

4. Any permit terms and conditions that are affected, including any new applicable requirements.

iv. The Owner and/or Operator shall submit to the Department an annual emissions statement in accordance with 7 **DE Admin. Code** 1117 Section 7.0 not later than April 30 of each year, or other date as established by the Department, unless an extension by the Department is granted. Such emissions statement shall cover the preceding calendar year. *[Reference: 7 **DE Admin. Code** 1117 Section 7 .0 dated 1/11/93]*

v. If required, the Owner and/or Operator shall submit to the Department a progress report for applicable requirements identified in Condition 5 – Table 1 of this permit. Such reports shall be submitted not later than the first day of August (covering the period from January 1 through June 30 of the current calendar year) and the first day of February (covering the period July 1 through December 31 of the previous calendar year) of each calendar year. Each progress report shall include the following: *[Reference: 7 **DE Admin. Code** 1130 Sections 5.4.8 dated 11/15/93 and 6.3.4 dated 12/11/00]*

A. Dates for achieving the activities, milestones, or compliance required in the schedule of compliance, and dates when such activities, milestones or compliance *were achieved.* *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.4.1 dated 12/11/00]*

B. An explanation of why any dates in the schedule of compliance were not or will not be met, and any preventive or corrective measures adopted. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.4.2 dated 12/11/00]*

vi. Nothing herein shall relieve the Owner and/or Operator from any reporting requirements under federal, state, or local laws. *[Reference: 7 **DE Admin. Code** 1130 Section 6.1.3.3.3.5 dated 12/11/00]*

Condition 3. Specific Requirements (continued)

3. General Compliance Certification Requirements.

   i. Compliance with terms and conditions of this permit shall be certified to the Department not later than the first day of February of each year unless the terms or conditions in Condition 3– Table 1 of this permit require compliance certifications to be submitted more frequently. Such certification shall cover the previous calendar year and shall be submitted on Form AQM-1001BB. The Compliance Certification shall include the following information: *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.1 dated 12/11/00]*

      A. The identification of each term or condition of the permit that is the basis of the certification. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.3.1 dated 12/11/00]*

      B. The Owner and/or Operator's current compliance status, as shown by monitoring data and other information reasonably available to the Owner and/or Operator. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.3.2 dated 12/11/00]*

      C. Such certification shall indicate whether compliance was continuous or intermittent during the covered period. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.3.3 dated 12/11/00]*

      D. The methods used for determining the compliance status of the Owner and/or Operator, currently and over the reporting period as required by the monitoring, record keeping, and reporting required under Condition 3. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.3.4 dated 12/11/00]*

      E. Such other facts as the Department may require to determine the compliance status of the source. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.3.5 dated 12/11/00]*

   ii. Each compliance certification shall be submitted to the Department and EPA and shall be certified in accordance with Condition 2(a) of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.5.4 dated 12/11/00]*

   iii. Any additional information possessed by the Owner and/or Operator that demonstrates non-compliance with any applicable requirement must also be used as the basis for compliance certifications. *[Reference: 62 FR 8314 dated 2/24/97*

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
a. Emission Units 1 through 4: Three 64.1 MMBTU/hr boilers firing No. 6 Fuel Oil or Natural Gas and one 64.1 MMBTU/hr boiler firing Natural Gas		
1. Criteria Pollutants		
i. Emission Limitation Particulate emissions shall not exceed 0.3 pound per million BTU heat input on a maximum two hour average. ***[Reference: 7 DE Admin Code 114 Section 2.1 dated 2/1/1981]*** ii. Operational Limitations A. The Company shall combust only No. 6 fuel oil or natural gas in Emission Units 1, 2 and 3. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]*** B. The Company shall combust only Natural Gas in Emission Unit 4. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]*** C. The sulfur content of the No. 6 fuel oil used to fire Emission Units 1 through 3 shall not exceed 0.5% by weight. ***[Reference: APC-81/0740 through 81/0743 and 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]*** D. The No. 6 fuel oil shall be preheated prior to combustion. ***[Reference: APC-81/0740 through 81/0743 and 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]***	iii. Monitoring The Company shall monitor the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The type of fuel combusted in Emission Units 1 through 4, each day. B. The sulfur content of the fuel oil for each shipment, as certified by the supplier. C. The preheat temperature of the No. 6 fuel oil, each day. D. The visible emissions from each of these units as specified in Condition 3-Table 1 (o)(4) of this permit. iv. Testing In addition to that required by Condition 3(b)(1)(ii) of this permit, the Company shall: A. Once per calendar quarter, collect an oil sample from a tank receiving No. 6 fuel oil B. Analyze fuel oil samples for sulfur content. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following information: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition 3-	vi. Reporting None other than that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** A. Particulate emissions calculated using the AP-42 emission factors and maximum firing rate equal to 0.006 lb/MMBTU for natural gas and to 0.05 lb/MMBTU for No. 6 fuel oil with a sulfur content of 0.5%, which are less than the 0.3 lb/MMBTU standard. Therefore, compliance with the emission limitation of Condition 3- Table 1(a)(1)(i) can be consistently demonstrated while natural gas or No. 6 fuel oil with a sulfur content of 0.5% is the fuel used to fire this emission unit. B. Compliance with the operational limitations of Condition 3- Table 1(a)(1) shall be based upon record keeping.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	Table 1(a)(1)(iii). B. For each shipment of fuel, fuel supplier certifications of fuel sulfur content that state: 1) The name of the oil supplier. 2) The location of the oil when the sample was drawn for analysis to determine the sulfur content of the oil, specifically including whether the oil was sampled as delivered to the affected facility, or whether the sample was drawn from oil storage at the oil supplier=s or oil refiner=s facility or other location. 3) The sulfur content of the oil as determined by ASTM methods: D129, D1552, D2622, or D4294.	
2. Nitrogen Oxide Emissions		
i. Emission Limitations For Emission Units 1 through 4, nitrogen oxide emissions shall not exceed those achieved by operating the boilers with properly functioning low excess air and low NO_x burner technology. ***[Reference: 7 DE Admin Code 11102 Section 3.3.1 dated 11/24/1993]*** ii. Operational Limitations For Emission Units 1 through 4, the Company shall operate the boilers with properly functioning low excess air and low NO_x burner technology. ***[Reference: 7 DE Admin Code 11102 Section 3.3.1 dated 11/24/1993]***	iii. Monitoring The Company shall monitor: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.2 dated 12/11/2000]*** A. The quantity of fuel combusted in Emission Units 1 through 4 on a daily, and monthly basis. B. The O_2 readings from the exhaust emissions, each hour. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall keep records of the fol-	vi. Reporting For Emission Units 1 through 4, the Company shall, in addition to the requirements of Condition 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2), for each occurrence of excess emissions, within 30 calendar days of becoming aware of such occurrence, supply the Department with the following information: ***[Reference: 7 DE Admin Code 11102 Section 7 dated 11/24/1993]*** A. The name and location of the facility. B. The source(s) that caused the excess emissions. C. The time and date of the first observation of the excess emissions. D. The cause and expected duration of

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	lowing: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.2 dated 12/11/2000]*** A. Monitoring required in Condition 3-Table 1(a)(2)(iii). B. The date and nozzle specification information when the burner nozzles were changed out.	the excess emissions. E. The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions. F. The proposed corrective actions and schedule to correct the conditions causing the excess. vii. Compliance Compliance with the emission and operational limitations of Condition 3- Table 1(a)(2)(i) and (ii) shall be based upon record keeping and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.2 dated 12/11/2000]***
b. Emission Units 5 and 6: Two 12.5 MMBTU/hr Burnham Industrial Boilers fired on Natural Gas or No. 2 Fuel Oil		
1. Criteria Pollutants		
i. Emission Limitation Particulate emissions shall not exceed 0.3 pound per million BTU heat input on a maximum two hour average. ***[Reference: 7 DE Admin Code 1104 Section 2.1 dated 2/1/81 & APC-2000/0306 Condition 1]*** ii. Operational Limitations A. The Company shall combust only natural gas or No. 2 fuel oil in these Emission Units. ***[Reference: APC-2000/0306 Condition 5]*** B. Fuel sulfur content of the No. 2 fuel oil shall not exceed 0.3 percent by weight. ***[Reference: 7 DE Admin Code 118 Section 2.2 dated 5/9/1985, and***	iii. Monitoring The Company shall monitor the following: ***[Reference: APC-2000/0306 Condition 8 and 40 CFR Part 60 Subpart Dc]*** A. The type of fuel combusted in each boiler on a daily basis. B. The amount of fuel combusted in each boiler, on a daily, monthly, and cumulative 12 month basis. C. The sulfur content of the No. 2 fuel oil for each delivery as determined by fuel supplier certifications. D. The visible emissions from each of these units as specified in Condition 3-Table 1(o), the Facility - Wide portion	vi. Reporting Company shall submit a semi-annual report to the Department for each six month period. Each semi-annual report shall be postmarked by the 30th day following the end of the reporting period. The reports shall contain the following information: ***[Reference: APC-2000/0306 Condition 9 and 40 CFR 60.48c]*** A. The calendar dates of the reporting period. B. The 30 day average sulfur content. C. Reasons for any noncompliance and a description of corrective actions taken. D. The fuel supplier certifications for all

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
APC-2000/0306 Condition 6]	of this permit. iv. Testing That required by Condition 3(b)(1)(ii) and Condition 3- Table 1 (m)(2)(iv) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following information: ***[Reference: APC-2000/0306 Condition 8]*** A. The monitoring required in Condition 3-Table 1(b)(1)(iii). B. For each shipment of fuel, fuel supplier certifications of fuel sulfur content that state: 1) The name of the oil supplier. 2) The oil complies with the specifications for fuel oil Numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396, "Standard Specification for Fuel Oils." 3) The sulfur content of the oil as determined by ASTM methods: D129, D1552, D2622, or D4294. C. For all routine and non-routine maintenance and inspections performed, documents for work needed, and the associated notes detailing the work performed.	fuel deliveries during the report period. For distillate oil these are to contain the information as outlined in Condition 3 Table 1 (b)(1)(v)(B). E. A certified statement that the records of fuel supplier certifications submitted represent all of the fuel oil combusted during the reporting period. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** A. Particulate emissions calculated using AP-42 emission factors and maximum firing rate equal 0.023 lb/MMBTU for the worst case firing of No. 2 fuel oil, which is less than the 0.3 lb/MMBTU standard. Compliance with the emission limitation of Condition 3- Table 1(b)(1)(i) can be consistently demonstrated while No. 2 fuel oil, with a sulfur content of 0.3 percent or less by weight, or natural gas is the fuel used to fire these emission units. Therefore, compliance with the emission limitation of Condition 3- Table 1 (b)(1)(i) shall be based on record keeping. B. Compliance with the operational limitations of Condition 3- Table 1(b)(1)(ii) shall be based on record keeping and reporting.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
c. Emission Units 7 through 11, 14, 16, 19, 54a and 67 through 73: Cold Solvent Cleaners		
1. Standards		
i. Emission Limitation None ii. Operational Limitations A. The solvent shall not contain methylene chloride, perchloroethylene, trichloroethylene, carbon tetrachloride, 1,1,1-trichloroethane, or chloroform, or a combination of these halogenated solvents, in a total concentration greater than 5.0% by weight. ***[Reference: 7 DE Admin Code 1130 Section 6.1.1 dated 12/11/2000]*** B. The vapor pressure of the solvent used in the cold solvent cleaner shall not exceed 1.0 millimeters of mercury (mm Hg) or greater, measured at 20 C (68 F). ***[Reference: 7 DE Admin Code 1124, Section 33.3(4) dated 11/11/01]*** C. The cold solvent degreasers shall be equipped with a working mode covers that shall be closed at all times except when parts are being placed into or being removed from the machine. The covers shall be free of cracks, holes, and other defects, and easily opened or closed. ***[Reference: 7 DE Admin Code 1124***	iii. Monitoring The Company shall monitor: ***[Reference: 7 DE Admin Code 1130 sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. Employee adherence to the operational limitations of Condition 3-Table 1(b)(1)(ii). B. Each month, VOC work practice training records for each employee and update records as needed. C. The invoice, bill of sale, certificate that corresponds to a number of sales, Material Safety Data Sheet (MSDS), or other appropriate documentation acceptable to the Department for any solvent(s) used in the cold cleaning machines. Such certification shall indicate: (1) The name and address of the solvent supplier. (2) The type of solvent including the product or vendor identification number. (3) The vapor pressure of the solvent measured in mm Hg at 20 C (68 F). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000 and 7 DE Admin Code 1124 Sections 33.3.5, and 3.6 dated 11/11/2001]***	vi. Reporting A. The Company shall, in addition to the requirements of Condition 3(c)(2), for each occurrence of excess emissions, within thirty (30 calendar days of becoming aware of such occurrence, supply the Department with the following information: ***[Reference: 7 DE Admin Code 1124 Section 5.2 dated 1/11/1993]*** 1) The name and location of the facility. 2) The subject sources that caused the excess emissions. 3) The time and date of the first observation of the excess emissions. 4) The cause and expected duration of the excess emissions. 5) The estimated rate of emissions (expressed in the units of the emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions. 6) The proposed corrective actions and schedule to correct the conditions causing the excess emissions. B. The Company shall include the information required by Condition 3 – Table 1(c)(1)(v)(B) through (F) with

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
Section 33.3.2 dated 11/11/2001] D. A permanent, legible, conspicuous label summarizing the operating requirements shall be posted on or near each degreaser. ***[Reference: 7 DE Admin Code 1124, Section 33.3.2.1 dated 11/11/2001]*** E. The cold solvent degreasers shall be equipped with downtime mode covers that shall be closed at all times except during cleaning or drying of parts or the addition or removal of solvent. The covers shall be free of cracks, holes, or other defects, and readily opened or closed. ***[Reference: 7 DE Admin Code 1124, Section 33.3.2.2 dated 11/11/2001]*** F. The solvent in the cold solvent degreasers shall not be heated. ***[Reference: 7 DE Admin Code 1130, Section 6.1.1 and 6.2.1 dated 12/11/2000]*** G. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that allows pressure relief, but does not allow liquid solvent to drain from the container. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.1 dated 11/11/2001]*** H. Solvent carry out shall be minimized by draining the cleaned	iv. Testing That required by Condition 3(b)(1)(ii) of this permit, when required, Method ASTM D323 shall be used for measuring solvent true vapor pressure. ***[Reference: 7 DE Admin Code 1130, Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of: ***[Reference: 7 DE Admin Code 1130, Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000 and 7 DE Admin Code 1124 Section 33 .3.6 dated 11/11/2001]*** A. The monitored information listed in Condition 3- Table 1(b)(1)(iii) and testing information of Condition 3 – Table 1(b)(1)(iv) for not less than five (5) years and shall provide these records to the Department on request. B. An up-to-date list of each cold solvent cleaner with there assigned emission unit number and its location, including the base building number C. Included in the list of Condition 3- Table 1(c)(1)(v)(B) shall be the name and/or identification number of the solvent used in each cold solvent cleaner. D. Included in the list of Condition 3- Table 1(c)(1)(v)(B) shall be the vapor pressure of solvent used in each cold solvent cleaner. E. Included in the list of Condition 3-	the report required by Condition 3(C)(3). vii. Compliance A. If any of the operational limitations of Condition 3- table 1(b)(1)(ii) have been violated then there has been an occurrence of excess emissions. ***[Reference: 7 DE Admin Code 1130, Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** B. Compliance shall be demonstrated by record keeping. ***[Reference: 7 DE Admin Code 1130, Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
parts at least 15 seconds or until dripping ceases, whichever is longer. Parts having cavities or blind holes shall be tipped or rotated while the part is draining. During the draining, tipping or rotating, the parts shall be positioned so that solvent drains directly back to the cleaning machine. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.2 dated 11/11/2001]*** I. If at any time the degreasing operation calls for spraying of solvent, then the flushing of parts using a flexible hose or other flushing device shall be performed only within the free-board area of the cold solvent cleaners. The solvent flushing shall be a solid fluid stream, not an atomized or shower spray, at a pressure that does not exceed ten (10) pound per square inch gauge (psig). ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.3 dated 11/11/2001]*** J. Work area fans shall be located and positioned so that they do not blow across the opening of the cold cleaning machine.) ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.4 dated 11/11/2001]*** K. Porous or absorbent materials such as sponges, fabric, wood,	Table 1(c)(1)(v)(B) shall be the date each cold solvent cleaner was installed and removed, if applicable.	

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
leather, paper products, and other absorbent materials shall not be cleaned or dried in the cold solvent cleaners. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3(v) dated 11/11/2001]*** L. Any solvent bath agitator shall be operated to produce a rolling motion of the solvent with no observable splashing of the solvent against the tank walls or the parts being cleaned. Air agitated solvent baths may not be used. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.6 dated 11/11/2001]*** M. Spills during solvent transfer and use of the cold cleaners shall be cleaned up immediately, and the wipe rags or other absorbent material shall be immediately stored in covered containers for disposal or recycling. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.7 dated 11/11/2001]*** N. The owner or operator shall ensure that the solvent level does not exceed the fill line. ***[Reference: 7 DE Admin Code 1124, Section 33.3.3.8 dated 11/11/2001]***		
d. Emission Units 21 through 26: Storage tanks - Gasoline; 10,000 gallon (with dispensing capabilities)		
1. Volatile Organic Compounds (VOCs)		
i. Emission Limitation None. ii. Operational Limitations	iii. Monitoring A. The Company shall monitor the following for Emission Units 21, 22, 23, 24,	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii) and 3(c)(2) of this

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
A. Emission Units 21, 22, 23, 24, and 25 shall only store gasoline (e.g., any petroleum distillate having a Reid vapor pressure of 27.6 kPa (4 psi) or greater and used as an automotive fuel). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]*** B. Emission Unit 26 shall only store AVGAS 100LL. C. The Company shall obtain and keep current the appropriate Regulation No. 1102 operating permits for Stage I and Stage II vapor recovery systems through the Department of Natural Resources and Environmental Control=s Tank Management Branch. D. Failure of any component of a vapor recovery system shall be reported within 24 hours of discovery and a schedule for repair shall be submitted to the Department within 15 calendar days of discovery. *[Reference 7 DE Admin Code 1130 Sections 6(a)(1) and 6(b)(1) dated 12/11/2000 and 7 DE Admin Code 1124 Section 5(b) dated 11/15/1993]*	and 25: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** 1) The type and vapor pressure of the gasoline, for each shipment. 2) The quantity of gasoline delivered, for each shipment. 3) The dimensions of each storage vessel and an analysis showing the capacity of each storage vessel. B. The Company shall monitor the dimensions of the storage vessel and an analysis showing the capacity of Emission Unit 26. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(d)(1)(iii). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	permit, the Company shall, upon becoming aware of the failure of any component of a vapor recovery system, notify the Department as described in Condition 3(c)(2)(B) and, within 30 calendar days of becoming aware of such occurrence, supply the Department with the following information, in addition to complying with any other reporting requirements mandated by the State of Delaware: ***[Reference: 7 DE Admin Code 1124 Section 5.2 dated 11/15/1993]*** A. The name and location of the facility. B. The subject sources that caused the excess emissions. C. The time and date of first observation of the excess emissions. D. The cause and expected duration of the excess emissions. E. The proposed corrective actions and schedule to correct the conditions causing the excess emissions. vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(d)(1)(ii) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***
e. Metal Parts and Aerospace Coating Operations - Emission Units47, 48, 51, and 52: Corrosion Control Paint Booths #1-4, DAFB Units 311, 314, 631, and 634, 49, 49a, 50, 50a, & 50b, Hangar Paint Areas, Buildings 711, 714, 715 and 706 and Flight Line Touch-up Painting		
1. Particulate		
i. Emission Limitation The Company shall not cause or allow par-	iii. Monitoring The Company shall monitor the following: -	vi. Reporting That required by Conditions 2(a), 2(f)(3),

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
ticulate emissions into the atmosphere from any source in excess of 0.2 gr/scf. ***[Reference: 7 DE Admin Code 115 Section 2.1 dated 2/1/1981 and APC-2000/0327 Condition 7]*** ii. Operational Limitations ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 & 6.2.1 dated 12/11/2000]*** A. The Company shall not perform coating application and/or sanding operations in Emission Units 47, 48, 51 and 52 unless the spray booths are operating properly and equipped with functional filtering equipment and manometer. ***[Reference: APC-2000/0327 Condition 8]*** B. The Company shall follow the manufacturer=s maintenance schedule and procedures to assure that serviceable components are well maintained. ***[Reference: APC-2000/0327 Condition 8]*** C. For Emission Units 47, 48, 51, and 52: 1) The control efficiency of the filters shall be a minimum of 99.9%. ***[Reference: APC-2000/0327 Condition 9]*** 2) The maximum spray application rate of the coatings shall not exceed 2.58 gallons/hour per booth. ***[Reference: APC-2000/0327 Condition 10]*** 3) The maximum density of each coating applied by a spray technique shall not exceed 16.43 lbs/gal. ***[Reference: APC-2000/0327 Condition 11]***	***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** A. Each day: 1) The operation being performed (coating and/or sanding). 2) The operational status of the filtering equipment, when applicable. 3) The application rate of each coating (gal/hr or gal/day as applicable). 4) The density of each coating (lbs/gal) if the information is not provided on the Material Safety Data Sheet for the coating. 5) The solids content of each coating if the information is not provided on the Material Safety Data Sheet for the coating. 6) The pressure drop across the filters, as shown by the manometer, when applicable. 7) The operating time. 8) The daily thickness of coating removed or applied. (to determine material removed during sanding) 9) The coating application technique used. 10) Whether the spray coating application is part of the ISO maintenance process or other process. B. The pressure drop across the filters, as shown by the manometer, immediately following the installation of new or clean filters.	3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 & 6.2.1 dated 12/11/2000]*** A. Particulate emissions from this equipment are 0.0002 gr/scf for Emission Unit 47, 48, 51, and 52. Compliance with the emission limitation of Condition 3- Table 1(e)(3)(i) can be consistently demonstrated when the operational limitations of Condition 3- Table 1(e)(3)(ii) are met. Therefore, compliance with the emission limitation shall be based upon record keeping. B. Compliance with the operational limitations shall be demonstrated by monitoring and maintaining records in accordance with Condition 3- Table 1(e)(3)(iii) and (v).

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
4) The minimum air flow rate shall be 25,200 acfm for Emission Units 47, 48, 51, and 52. ***[Reference: APC-2000/0327 Condition 12]*** 5) The pressure drop across the filters shall not exceed 0.3 inches of water greater than the manometer reading when the filters were installed. ***[Reference: APC-2000/0327 Condition 13]*** D. For Emission Units 49, 49a, 50, 50a, and 50b; the maximum spray application rate of water-based coatings used during the Isochronal (ISO) maintenance process shall not exceed 6.0 gal/day. Other coatings shall not exceed a maximum spray application rate of 2.0 gal/day. E. For Emission Units 49, 49a, 50, 50a, 50b, 53 and painting of museum aircraft: 1) The maximum solids content of each coating applied by a spray technique shall not exceed 75% by weight. 2) The maximum density of each coating applied by a spray technique shall not exceed 12.5 lbs/gal. F. For painting of museum aircraft; the maximum application rate of the coatings applied by a spray technique shall not exceed 25 gal/day or 200 gallons per rolling 12 month period.	C. Filter changes performed for each spray booth, as appropriate. D. All of the maintenance performed on the equipment. E. For museum aircraft painting, the rolling 12 month total of coatings applied by a spray technique. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** A. The information monitored according to Condition 3- Table 1(e)(1)(iii). B. Material Safety Data Sheets for all coatings. C. Certification from the filter manufacturer guaranteeing 99.9% efficiency for Emission Units 47, 48, 51, and 52. D. Certification from the manufacturer of the flow rate of each booth or the measured flow rate of each booth along with the methods and the associated calculations used to measure the flow rate.	

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
2. Volatile Organic Compounds, Aerospace Coatings: Hand-Wipe Cleaning Operations		
i. Emission Limitation None. ii. Operational Limitation A. The VOC composite vapor pressure of the solvents shall be less than 45 mm Hg at 20EC (68EF). ***[Reference: 7 DE Admin Code 1124 Section 10.3.1.1.1 dated 2/11/2003 and APC-2000/0327 Condition 15]*** B. The composite vapor pressure of Condition 3- Table 1(e)(2)(ii)(A) do not apply to the following operations: ***[Reference: 7 DE Admin Code 1124 Section 10.3.1.2 dated 2/11/2003 and APC-2000/0327 Condition 15]*** 1) Cleaning during the manufacture, assembly, installation, maintenance or testing of components of breathing oxygen systems that are exposed to the breathing oxygen. 2) Cleaning during the manufacture, assembly, installation, maintenance or testing of parts, subassemblies, or assemblies that are exposed to strong oxidizers or reducers. 3) Cleaning and surface activation prior to adhesive bonding. 4) Cleaning of electronics and assemblies containing electronics. 5) Cleaning of aircraft fluid systems and ground support equipment fluid systems that are exposed to the fluid, including air-to-air heat	iii. Monitoring The Company shall monitor the following information: A. The identification of each hand-wipe cleaning solvent. ***[Reference: 7 DE Admin Code 1124 Section 10.7.1.1 dated 2/11/2003 and APC-2000/0327 Condition 15]*** B. The composite vapor pressure of each hand-wipe cleaning solvent. ***[Reference: 7 DE Admin Code 1124 Section 10.7.1.2 dated 2/11/2003 and APC-2000/0327 Condition 15]*** C. The name and volume of each cleaning solvent that is used in an exempt cleaning operation, and the parts, assemblies, or subassemblies cleaned at these operations. ***[Reference: 7 DE Admin Code 1124 Section 10.7.1.4, dated 2/11/2003, and APC-2000/0327 Condition 15]*** D. The names and compositions of any new solvents used. ***[APC-2000/0327 Condition 15]*** E. The names of previously reported cleaning solvents that are no longer in use at the facility. ***[APC-2000/0327 Condition 15]*** iv. Testing In addition to the requirements of Condition 3(b)(1)(ii) of this permit, the Company shall determine the composite vapor pressure by either using ASTM Method E260-91, manufacturer=s supplied data, or stan-	vi. Reporting In addition to the requirements of Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2), the Company shall report to the Department a notification, within 45 days of any non-compliance situation, including the names and volumes of any non-complying solvents or cleaners used. ***[Reference: 7 DE Admin Code 1124 Section 4.3.3.1 dated 11/29/1994 and Section 10.8 dated 2/11/2003]*** vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(e)(3)(ii) shall be based upon monitoring, record keeping, and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
exchangers and hydraulic fluid systems. 6) Cleaning of fuel cells, fuel tanks, and limited-access spaces. 7) Surface cleaning of solar cells, coated optics, and thermal control surfaces. 8) Cleaning during fabrication, assembly, installations, and maintenance of upholstery, curtains, carpet, and other textile materials used on the interior of the aircraft. 9) Cleaning of metallic and non-metallic materials used in honeycomb cores during the manufacture or maintenance of these cores, and cleaning of the completed cores used in the manufacture of aerospace vehicles or components. 10) Cleaning of aircraft transparencies. 11) Cleaning associated with research and development, quality control, and laboratory testing.	dard engineering referenced text values. ***[Reference: 7 DE Admin Code 1124, Section 10 .6.1 dated 2/11/2003]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(e)(3)(iii). ***[Reference: 7 DE Admin Code 1124 Section 10.7 dated 2/11/2003 and 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	
3. Volatile Organic Compounds, Aerospace Coatings: Spray-Gun Cleaning Operations		
i. Emission Limitation None. ii. Operational Limitation A. The Company shall not cause or allow the use of any spray gun cleaning technique that does not comply with one of the following: ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.1 dated 2/11/2003 and APC-2000/0327 Condition***	iii. Monitoring The Company shall monitor the following information: A. The methods used to clean the spray guns. ***[Reference: 7 DE Admin Code 1124 Section 10.8.1.4 dated 11/29/1994 and APC-2000/0327 Condition 16]*** B. The enclosed spray gun cleaners for leaks by visually inspecting the seals	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(e)(3)(ii) shall be based upon monitoring, record keeping, and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1***

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Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
16] 1) Clean a spray gun in an enclosed system that is kept closed when not in use. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.1.1 dated 2/11/2003 and APC-2000/0327 Condition 16]*** 2) Clean a spray gun with non-atomized discharge of solvent into a waste container that is kept closed when not in use. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.1.2 dated 2/11/2003 and APC-2000/0327 Condition No. 16]*** 3) Disassembly of a spray gun and placing the parts for cleaning in a vat that is kept closed when not in use. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.1.3 dated 2/11/2003 and APC-2000/0327 Condition No. 16]*** 4) Clean the spray gun by forcing the solvent through the gun and direct the resulting atomized spray into a waste container that is fitted with a device designed to capture the atomized solvent emissions. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.1.4 dated 2/11/2003 and APC-2000/0327 Condition No. 16]*** B. Leaks from enclosed spray-gun cleaners must be repaired as soon as practical, but not later than 15 days from when the leak is first discovered. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.3 dated 2/11/2003 and***	and all other potential sources of leaks associated with each enclosed gun spray cleaner system, while in operation, at least once per month. ***[Reference: 7 DE Admin Code 1124 Section 10.6.1 dated 11/29/1994 and APC-2000/0327 Condition 16]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: A. The monitoring required in Condition 3-Table 1(e)(3)(iii). ***[Reference: APC-2000/0327 Condition 16]*** B. A record of all leaks from spray gun cleaners, including source identification, the date the leak was discovered, and the date the leak was repaired. ***[Reference: 7 DE Admin Code 1124 Section 10.7.2.3 dated 2/11/2003 and APC-2000/0327 Condition 16]***	***dated 12/11/2000]***

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Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
APC-2000/0327 Condition No. 16] C. If any leak is not repaired by the 15th day after detection, the solvent shall be removed and the enclosed cleaner shall be shut down until the leak is repaired. ***[Reference: 7 DE Admin Code 1124 Section 10.3.2.4 dated 2/11/2003]***		
4. Volatile Organic Compounds, Aero-space Coatings: Primer and Top Coat Application Operations		
i. Emission Limitation Each chemical emitted from the coating operations of Emission Units 47, 48, 51, and 52 must have a 8-hour Threshold Limit Value to adjusted 8-hour Maximum Downwind Concentration (as calculated by an accepted modeling program) ratio of at least 100:1. ii. Operational Limitations A. Except as stated in Condition 3- Table 1(e)(4)(ii)(C), the Company shall, on days when complying coatings are used to show compliance, not cause or allow on any day the application of any coating with a VOC content, as applied, that does not comply with One of the following emission limits: ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).1 dated 2/11/2003 and APC-2000/0327 Condition No. 17]*** 1) VOC content of primers shall be equal to or less than 2.9 lbs/gal (less water and exempt solvents) as applied. ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).1.1 dated 2/11/2003 and***	iii. Monitoring The Company shall monitor the following information: ***[Reference: 7 DE Admin Code 1124 Section 4.3.2, dated 11/29/1994, and Section 10.7.3, dated 2/11/2003, and APC-2000/0327 Condition 17]*** A. By the 5th day of each month, for coatings applicable to Condition 3- Table 1(e)(4)(ii)(C): ***[Reference: 7 DE Admin Code 1124 Section 10.7.3.1 dated 2/11/2003]*** 1) The identification of each coating 2) The volume of each coating 3) The summation of the monthly volumes for the previous 12 months. B. The daily-weighted average VOC content of all coatings, as applied, calculated in accordance with Condition 3- Table 1(e)(4)(vii), for each day daily-weighted averaging is used to show compliance. ***[Reference: 7 DE Admin Code 1124 Section 10.4, dated 2/11/2003, and Section 22.4 dated 1/11/1993]*** C. The techniques used to apply each primer and topcoat. D. The name and identification number of	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the Company shall report to the Department the following information: A. Notification, within 45 days of any non-compliance situation with any compliant coating requirement. ***[Reference: 7 DE Admin Code 1124 Section 4.3.3.1 dated 11/29/1994]*** B. Notification, within 45 days of any non-compliance situation with the daily-weighted average requirement. ***[Reference: 7 DE Admin Code 1124 Section 4.4.3.1 dated 11/29/1994]*** vii. Compliance A. Compliance with the emission limitation of Condition 3- Table 1(e)(4)(i) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** B. Compliance with the operational limitation of Condition 3- Table 1(e)(4)(ii)(A) shall be based upon the use of compliant coatings, monitoring, record keeping, and reporting. ***[Reference: 7 DE Admin Code 1130***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
APC-2000/0327 Condition No. 17] 2) VOC content of topcoats shall be equal to or less than 3.5 lbs/gal (less water and exempt compounds) as applied. ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).1.2 dated 2/11/2003 and APC-2000/0327 Condition No. 17]*** 3) VOC content of specialty coatings shall be equal to or less than the limits specified in Table 7-1 of Regulation No. 24 Section 10. ***[Reference: 7 DE Admin Code 1124 Section 10.3(7)]*** B. On days when daily-weighted averaging is the compliance method for the Company's coating operations, the Company shall not apply coatings unless the daily-weighted average VOC content does not exceed the limits of Condition 3- Table 1 (e)(4)(ii)(A)(1&2), as calculated in accordance with the equation stated in Condition 3- Table 1(e)(4)(vii). ***[Reference: 7 DE Admin Code 1124 Section 10.4.1 dated 2/11/2003]*** C. The requirements of Condition 3- Table 1(e)(4)(ii)(A)(2) shall not apply when less than 50 gallons of a particular formulation of topcoat, or self-priming topcoat is used in any consecutive rolling 12-month period provided ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).2 dated 2/11/2003]*** 1) Each topcoat and self-priming topcoat shall have a VOC content	the compliant coatings. E. Each exceedence of VOC content level. F. Identification of new primers and top coats used in the previous year. G. The mass of VOC per volume of each coating applied each day. H. The volume of each coating applied each day. I. The coating category, (i.e. primer, topcoat, or specialty) as specified in Condition 3- Table 1 (e)(4)(ii)(A), for each coating applied. When the coating category is specialty, the coating type and limit as specified in Regulation 1124 Section 10, Table 7-1 shall be monitored. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** iv. Testing In addition to that required by Condition 3(b)(1)(ii) of this permit, the Company shall use test methods found in Appendix AA@ through Appendix AD@ of Regulation No. 24 if tests are needed to determine compliance with Condition 3- Table 1(e)(4)(ii). ***[Reference: 7 DE Admin Code 1124 Section 10.6.3 dated 2/11/2003]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: A. The monitoring required by Condition 3- Table 1(e)(4)(iii). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1	***Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** C. Compliance with the operational limitation of Condition 3- Table 1(e)(4)(ii)(B) shall be demonstrated each day by calculating the daily-weighted average VOC content, in units of mass of VOC per unit volume of coating, excluding water and exempt compounds, as applied, of the coatings used on a day on a coating unit, line, or operation using the following equation: ***[Reference: 7 DE Admin Code 1124 Sections 4.4 dated 11/29/1994]*** $$VOC_w = \frac{\sum_{i=1}^{n} V_i C_i}{V_T}$$ VOC_W= The daily-weighted average VOC content of the coatings, as applied, used on a coating unit or line, in units of pounds of VOC per gallon of coating [lb VOC/gal], excluding water and exempt compounds. n = The number of different coatings, as applied, each day on a coating unit or line. V_i = The volume of each coating, as applied, each day on the coating unit or line, in units of gallons, excluding water and exempt compounds.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
equal to or less than 720 g/L (6.0 lb/gal), as applied, excluding water and exempt compounds. ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).2.1 dated 2/11/2003]*** 2) A total of not more than 200 gallons per consecutive rolling 12-month period of all such high VOC coatings are used at the facility. ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).2.2 dated 2/11/2003]*** D. Whenever a new coating is used that is not listed in the attached Dover Air Force Base Aerospace Coating List Table, the Company shall determine the $TLV_{8\text{-}hr}/MDC_{8\text{-}hr}$ ratio for all of the air contaminants of the new coating compounds emitted through stacks of those emission units, using the associated emission rate and stack parameters. E. The Company shall use only application techniques which consist of flow/curtain coat, roll coat, brush coat, dip coat, cotton-tip swap coat, electrostatic spray, electrodeposition, or HVLP spray guns, except as follows ***[Reference: 7 DE Admin Code 1124 Section 10.3(4)(iii & iv) and APC-2000/0327 Condition 17]***: 1) Limited access space coating applications; 2) The application of coatings that contain fillers that adversely affect	***dated 12/11/2000 and APC-2000/0327 Condition No. 17]*** B. The TLV/MDC ratio for each air contaminant and the associated information necessary for determining the TLV: MDC, for any new coatings not listed in the attached Dover Air Force Base Aerospace Coating List Table. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** C. A description of the proper operation of all coating application equipment. ***[Reference: 7 DE Admin Code 1124 Section 10.7.3.2 dated 2/11/2003]***	C_i = The VOC content of each coating, as applied, each day on a coating unit or line, in units of lb VOC/gal, excluding water and exempt compounds. V_T = The total volume for all coating, as applied, each day on a coating unit or line, in units of gallons, excluding water and exempt compounds.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
atomization with HVLP spray guns and cannot be applied by any of the specified application techniques. 3) The application of coatings that normally have dried film thickness of less than 0.0005 inches and cannot be applied by any of the specified application techniques. 4) The use of air brush application methods for stenciling, lettering, and other identification markings. 5) Touch-up and repair operations. F. The Company shall operate all application equipment according to the manufacturer specifications. ***[Reference: 7 DE Admin Code 1124 Section 10.3(4).5 dated 2/11/2003 and APC-2000/0327 Condition 17]***		
5. Volatile Organic Compounds and Hazardous Air Pollutants, Aerospace Coatings: Depainting Operations		
i. Emission Limitation None. ii. Operational Limitations The Company shall not cause or allow the use of any stripper that does not comply with the following limits: A. VOC composite vapor pressure of less than 10 mmHg at 20EC (68EF). ***[Reference: 7 DE Admin Code 1124 Section 10.3.5.1 dated 2/11/2003 and APC-2000/0327 Condition No. 18]*** B. VOC content of less than 3.3 lbs/gal, excluding water and exempt compounds, as applied. ***[Reference: 7 DE Admin Code 1124 Section 10 .3.5.2 dated***	iii. Monitoring The Company shall monitor the following information: ***[Reference: 7 DE Admin Code 1124 Section 10.7.5 dated 2/11/2003 and APC-2000/0327 Condition No. 18]*** A. For each stripper: 1) The name, VOC composite vapor pressure, and method and supporting documentation used to determine the VOC composite vapor pressure of each stripper used at the facility, when complying with Condition 3- Table 1(e)(5)(ii)(A). ***[Reference: 7 DE Admin Code 1124 Section 10.7.5.1 dated 2/11/2003 and***	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the Company shall include records relating Condition 3- Table 1 (e)(6)(iii)(A)(1-3),(B)(C) & (E-I) in its annual report to the Department. ***[Reference: 7 DE Admin Code 1124 Section 10 .1.3 dated 11/29/1994 and APC-2000/0327 Condition 18]*** vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(e)(6)(ii) shall be based upon record keeping and reporting. ***[Reference: 7 DE Admin Code***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
2/11/2003 and APC-2000/0327 Condition No. 18]	***APC-2000/0327 Condition 18]*** 2) The name, VOC content, and method and supporting documentation used to determine the VOC content of each stripper, when complying with Condition 3- Table 1(e)(5)(ii)(B). ***[Reference: 7 DE Admin Code 1124 Section 10.7.5.2 dated 2/11/2003 and APC-2000/0327 Condition 18]*** B. All non-chemical depainting methods used, to include the name and type of equipment or technique. ***[Reference: 7 DE Admin Code 1124 Section 10.7.5.3 dated 2/11/2003 and APC-2000/0327 Condition 18]*** C. All malfunctions of non-chemical-based depainting equipment, including the dates and alternative depainting methods used. ***[Reference: 7 DE Admin Code 1124 Section 10.7.5.4 dated 2/11/2003 and APC-2000/0327 Condition 18]*** D. All parts, assemblies, subassemblies, or radomes normally removed during depainting operations. ***[Reference: 7 DE Admin Code 1124 Section 10.7.5.5 dated 2/11/2003 and APC-2000/0327 Condition 18]*** iv. Testing A. In addition to the requirements of Condition 3(b)(1)(ii) of this permit, the Company shall use ASTM Method E 260-91, manufacturer=s supplied data, or standard engineering references text values to determine compliance with Condition 3- Table 1(e)(5)(ii)(A).	***1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	[Reference: 7 DE Admin Code 1124 Section 10.6.1 dated 2/11/2003] B. The Company shall use test methods found in Appendix AA@ and Appendix AB@ of Regulation No. 24 to determine compliance with Condition 3- Table 1(e)(5)(ii)(B). ***[Reference: 7 DE Admin Code 1124 Section 10.6.3 dated 2/11/2003]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required by Condition 3- Table 1(e)(5)(iii). ***[Reference: APC-2000/0327 Condition 18]***	
6. Volatile Organic Compounds, Aerospace Coatings: Waste Handling and Storage Operations		
i. Emission Limitation None. ii. Operational Limitations A. All fresh and spent cleaning solvent and other VOC-containing material shall be handled and transferred to and from containers, tanks, vats, vessels, or piping systems in such a manner that minimizes losses. ***[Reference: 7 DE Admin Code 1124 Section 10.3(8).1.1 dated 2/11/2003 and APC-2000/0327 Condition No. 19]*** B. All fresh and spent cleaning solvent and other VOC-containing material shall be stored in closed containers. ***[Reference: 7 DE Admin Code 1124 Section 10.3(8).1.2 dated 2/11/2003 and APC-2000/0327 Condition No. 19]*** C. All solvent-laden cloths, papers, or	iii. Monitoring Each day, the Company shall monitor employee adherence to the operational limitations of Condition 3- Table 1(e)(6)(ii) VOC waste handling and storage procedures. ***[Reference: APC-2000/0327 Condition 19]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required by Condition 3- Table 1(e)(6)(iii). ***[Reference: APC-2000/0327 Condition 19]***	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(e)(6)(ii) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
other absorbent materials shall be placed in closed containers immediately after use. ***[Reference: 7 DE Admin Code 1124 Section 10.3(8).1.3 dated 2/11/2003]*** D. The requirements of Condition 3-Table 1(e)(6)(ii)(A), (B) and (C) do not apply to wastes that are determined to be hazardous waste under the Resource Conservation and Recovery Act (RCRA), as implemented by 40 CFR Parts 260 and 261, and that are subject to RCRA requirements, as implemented in 40 CFR Parts 262 and 268. ***[Reference: 7 DE Admin Code 1124 Section 10.3(8).2 dated 2/11/2003 and APC-2000/0327 Condition No. 19]***		
7. Volatile Organic Compounds, Miscellaneous Metal Parts		
i. Emission Limitation None. ii. Operational Limitations A. On days when complying coatings are used to show compliance, the Company shall not cause or allow on any day the application of any coating with a VOC content, as applied, that does not comply with One of the following emission limits: ***[Reference: 7 DE Admin Code 1124 Section 22.3.1 dated 1/11/1993 and APC-2000/0307 Condition 20]*** 1) The VOC content of the clear coatings applied to a miscellaneous metal part shall not exceed 4.3 pounds per gallon (lbs/gal) of	iii. Monitoring The Company shall monitor the following information each day: A. The name and identification number of each coating, as applied, on each coating unit, line, or operation. ***[Reference: 7 DE Admin Code 1124 Section 4.3.2 dated 11/29/1994 and Permit APC-92/0394 Condition 8]*** B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation. ***[Reference: 7 DE Admin Code 1124 Section 4.3.2 dated 11/29/1994 and Permit APC-92/0394 Condition 8]*** C. The volume of each coating applied each day on each coating unit, line, or	vi. Reporting In addition to the requirements of Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2, the Company shall report to the Department any record showing use of any non-complying coatings by sending a copy of such record to the Department within 45 days following that use. ***[Reference: 7 DE Admin Code 1124 Section 4.3.3.1 dated 11/29/1994]*** vii. Compliance A. Compliance with the operational limitations of Condition 3- Table 1(e)(7)(ii)(A) shall be based upon the use of compliant coatings, monitoring, record keeping, and reporting. ***[Reference: 7 DE Admin Code 1130***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
coating, excluding water and exempt compounds. 2) The VOC content of the air-dried and extreme performance coating applied to a miscellaneous metal part shall not exceed 3.5 lbs/gal of coating, excluding water and exempt compounds. 3) The VOC content of all other coatings applied to a miscellaneous metal part shall not exceed 3.0 lbs/gal of coating, excluding water and exempt compounds. B. On days when daily-weighted averaging is the compliance method for the Company=s coating operations, the Company shall not apply coatings unless the daily-weighted average VOC content does not exceed the limits of Condition 3- Table 1 (e)(7)(ii)(1-3), as calculated in accordance with the equation stated in Condition 3- Table 1(e)(2)(vii).	operation. ***[Reference: 7 DE Admin Code 1124 Section 4.3.2 dated 11/29/1994 and Permit APC-92/0394 Condition 8]*** D. The coating category, (i.e. clear coat, air-dried, extreme, or other) as specified in Condition 3- Table 1 (e)(7)(ii), for each coating applied. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** E. The daily-weighted average VOC content of all coatings, as applied, calculated in accordance with Condition 3- Table 1(e)(2)(vii), for each day daily-weighted averaging is used to show compliance. ***[Reference: 7 DE Admin Code 1124 Section 10.4, dated 2/11/2003 and Section 22.4 dated 1/11/1993]*** iv. Testing In addition to the requirements of Condition 3(b)(1)(ii) of this permit, the Company shall use test methods found in Appendix AA@ through Appendix AD@ of Regulation No. 24 if tests are needed to determine compliance with Condition 3- Table 1(e)(8)(ii). ***[Reference: 7 DE Admin Code 1124 Section 22.6 dated 1/11/1993]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(e)(8)(iii). ***[Reference: 7 DE Admin Code 1124 Section 4.3.2 dated 11/29/1994]***	***Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** B. Compliance with the operational limitation of Condition 3- Table 1(e)(7)(ii)(B) shall be demonstrated each day by calculating the daily-weighted average VOC content, in units of mass of VOC per unit volume of coating, excluding water and exempt compounds, as applied, of the coatings used on a day on a coating unit, line, or operation using the equation as shown in Condition 3- Table 1 (e)(2)(vii)(B). ***[Reference: 7 DE Admin Code 1124 Sections 4.4 dated 1/11/1993]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
f. Emission Unit 54: Aerospace Ground Equipment Paint Booth, Building 1315		
1. Particulate		
i. Emission Limitation The Company shall not cause or allow particulate emissions into the atmosphere from any source in excess of 0.2 grains per standard cubic foot. ***[Reference: 7 DE Admin Code 115 Section 2.1 dated 2/1/1981]*** ii. Operational Limitations ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 & 6.2.1 dated 12/11/2000]*** A. The coating application shall not be performed unless the spray booths are equipped with functional filtering equipment and manometer. B. The Company shall follow the manufacturer=s maintenance schedule and procedures to assure that serviceable components are well maintained. C. The maximum application rate of the coatings applied by spray techniques shall not exceed 2.43 gals/hr. D. The maximum solids content of the coatings applied by spray techniques shall not exceed 75%. E. The maximum density of the coatings applied by spray techniques shall not exceed 12.5 lbs/gal. F. The minimum air flow rate shall be 19,018 acfm. G. The efficiency of the filters shall be a minimum of 90%.	iii. Monitoring The Company shall monitor the following: - ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** A. Each day: 1) Operational status of the filtering equipment, to include, the pressure drop across the filters, as shown by the manometer, each time the booths are operated. 2) Application rate of each coating (gal/hr). 3) The application technique used to apply the coatings. B. The pressure drop across the filters, as shown by the manometer, upon initial installation of new or clean filters. C. Filter changes performed for each spray booth. D. All of the maintenance performed on the equipment. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]***	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 & 6.2.1 dated 12/11/2000]*** A. Particulate emissions from the equipment is 0.005 gr/scf. Compliance with the emission limitation of Condition 3-Table 1(f)(2)(i) can be consistently demonstrated when the operational limitations of Condition 3- Table 1(f)(2)(ii) are met. Therefore, compliance with the emission limitation shall be based upon record keeping. B. Compliance with the operational limitations shall be based upon record keeping.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	A. Records of the information monitored according to Condition 3- Table 1(f)(1)(iii). B. Material Safety Data Sheets for each coating applied. C. Records of the coating density and solids content of each coating applied, if not provided on the associated Material Safety Data Sheet. D. Certification from the manufacturer guaranteeing at least 90% control efficiency for the paint booth filters, with each shipment. E. Documentation of the air flow rate, along with the method of determination, calculations, and any associated information.	
2. Volatile Organic Compounds		
i. Emission Limitation None. ii. Operational Limitations A. On days when complying coatings are used to show compliance, the Company shall not cause or allow on any day the application of any coating with a VOC content, as applied, that does not comply with One of the following emission limits: ***[Reference: 7 DE Admin Code 1124 Section 22.3.1 dated 1/11/1993 and APC-2000/0327 Condition No. 17]*** 1) The VOC content of the clear coatings applied to a miscellaneous metal part shall not exceed 4.3	iii. Monitoring The Company shall monitor the following information each day: ***[Reference: 7 DE Admin Code 1124 Section 4.2.2 dated 11/29/1994]*** A. The name and identification number of each coating, as applied, on each coating unit, line, or operation. B. The mass of VOC per volume of each coating (excluding water and exempt compounds), as applied, used each day on each coating unit, line, or operation. C. The volume of each coating applied each day on each coating unit, line, or operation. D. The daily-weighted average VOC con-	vi. Reporting In addition to the requirements of Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2, the Company shall report to the Department any record showing use of any non-complying coatings by sending a copy of such record to the Department within 45 days following that use. ***[Reference: 7 DE Admin Code 1124 Section 4.3.3.1 dated 11/29/1994]*** vii. Compliance A. Compliance with the operational limitations of Condition 3- Table 1(f)(2)(ii)(A) shall be based upon the use of compliant coatings, monitoring, record keeping, and reporting.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
pounds of VOCs per gallon of coating, excluding water and exempt compounds. ***[Reference: 7 DE Admin Code 1124 Section 22.3.1.1 dated 1/11/1993]*** 2) The VOC content of the air-dried and extreme performance coatings applied to a miscellaneous metal part shall not exceed 3.5 pounds of VOCs per gallon of coating, excluding water and exempt compounds. ***[Reference: 7 DE Admin Code 1124 Section 22.3.1(iii & iv) dated 1/11/1993]*** 3) The VOC content of all other coatings applied to a miscellaneous metal part shall not exceed 3.0 pounds of VOCs per gallon of coating, excluding water and exempt compounds. ***[Reference: 7 DE Admin Code 1124 Section 22.3.1.5 dated 1/11/1993]*** B. On days when daily-weighted averaging is the compliance method for the Company=s coating operations, the Company shall not apply coatings unless the daily-weighted average VOC content meets the limits as shown in Condition 3- Table 1 (f)(2)(ii)(A)(1-3), as calculated in accordance with the equation stated in Condition 3- Table 1(e)(4)(vii)(C).	tent of all coatings, as applied, calculated in accordance with Condition 3- Table 1(e)(2)(vii), when daily-weighted averaging is used for compliance. ***[Reference: 7 DE Admin Code 1124 Section 10.4, dated 2/11/2003, and Section 22.4 dated 1/11/1993]*** iv. Testing In addition to that required by Condition 3(b)(1)(ii) of this permit, the Company shall use test methods found in Appendix AA@ through Appendix AD@ of Regulation No. 24 if tests are needed to determine compliance with Condition 3- Table 1(f)(2)(ii). ***[Reference: 7 DE Admin Code 1124 Section 22.6 dated 1/11/1993]*** v. Record Keeping In addition to that required by Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the monitoring required in Condition 3- Table 1(f)(2)(iii). ***[Reference: 7 DE Admin Code 1124 Section 4.3.2 dated 11/29/1994 and APC-92/0394 Condition 8]***	***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** B. Compliance with the operational limitation of Condition 3- Table 1(f)(2)(ii)(B) shall be demonstrated each day by calculating the daily-weighted average VOC content, in units of mass of VOC per unit volume of coating, excluding water and exempt compounds, as applied, of the coatings used on a day on a coating unit, line, or operation using the equation as shown in Condition 3- Table 1 (e)(4)(vii)(C). ***[Reference: 7 DE Admin Code 1124 Sections 4.4 dated 1/11/1993]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
g. Emission Unit 55: Auto Body Shop with Paint Booth, DAFB Unit 388		
1. Particulate		
i. Emission Limitation The Company shall not cause or allow particulate emissions into the atmosphere from any source in excess of 0.2 grains per standard cubic foot. ***[Reference: 7 DE Admin Code 115 Section 2.1 dated 2/1/1981]*** ii. Operational Limitations ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 & 6.2.1 dated 12/11/2000]*** A. The Company shall not perform painting operations unless the spray booth is operating properly and equipped with functional filtering equipment and manometer. B. The Company shall follow the manufacturer=s maintenance schedule and procedures to assure that serviceable components are well maintained. C. The maximum application rate of the coatings shall not exceed 1.0 gal/hr. D. The maximum solids content of the coatings shall not exceed 60% by weight. E. The maximum density of the coatings shall not exceed 10.8 lbs/gal. F. The spray booth filters shall maintain a control efficiency of at least 95%. G. The minimum air flow rate shall be 14,880 scfm. H. The pressure differential across the spray booth filters shall be maintained	iii. Monitoring The Company shall monitor the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** A. Each day: 1) Operational status of the filtering equipment, to include, the pressure drop across the filters, as shown by the manometer, each time the booth is operated. 2) Application rate of each coating (gal/hr). B. The pressure drop across the filters, as shown by the manometer, upon initial installation of new filters and at the beginning of each shift of all spray booth operations. C. Filter changes performed for the spray booth. D. All of the maintenance performed on the equipment. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 & 6.2.1 dated 12/11/2000]*** A. The information monitored according	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 & 6.2.1 dated 12/11/2000]*** A. Particulate emissions from this equipment are 0.002 gr/scf. Compliance with the emission limitation of Condition 3- Table 1(g)(1)(i) can be consistently demonstrated when the operational limitations of Condition 3- Table 1(g)(1)(ii) are met. Therefore, compliance with the emission limitation shall be based upon record keeping. B. Compliance with the operational limitations of Condition 3- Table 1(g)(1)(ii) shall be record keeping and reporting.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
within the operating range recommended by the filter manufacturer.	to Condition 3- Table 1(g)(1)(iii). B. Certification from the manufacturer guaranteeing at least 95% control efficiency for the paint booth filters. C. Material Safety Data Sheets for each coating applied. D. Records of the coating density and solids content of each coating applied, if not provided on the associated Material Safety Data Sheet. E. Documentation of the air flow rate along with the method of determination, calculations, and any associated information.	
h. Emission Units 56 (Flight line), and 57, 58, 59, 60, and 60a: Buildings 721, 711, 715, 714, and 706 respectively, DAFB Units 619, 739, 740, 741, and 742, Portable Hand-Held Sanding Equipment		
1. Particulate		
i. Emission Limitation The Company shall not cause or allow particulate emissions into the atmosphere from any source in excess of 0.2 grains per standard cubic foot. ***[Reference: 7 DE Admin Code 115 Section 2.1 dated 2/1/1981]*** ii. Operational Limitations ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 12/11/2000]*** A. Except for the depainting of honeycombed parts still on the airframe, a dust control vacuum system, with a control efficiency of at least 99%, shall be employed whenever the emission units are in use, to include: 1) Nilfisk-type portable sanders with	iii. Monitoring The Company shall monitor the following, whenever the emission units are in operation: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The type of dust control vacuum system used. B. The size (square feet) of the de-painted area. C. The monitoring of Condition 3- Table 1(e)(1)(iii)(A)(1), (2) and (8). D. The emission unit used. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the require-	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** A. Particulate emissions calculated using the maximum amount of area blasted and the minimum air flow rate equal 0.09 grains per standard cubic foot for Emission Units 56, 58, 59, 60, and 60a and 0.0000016 grains per dry standard cubic foot for Emission Unit 57. Compliance with the emission limitation stated in Condition 3- Table 1(h)(1)(i) can be consistently demonstrated

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
HEPA vacuum controls systems, or 2) Depainting within a functioning booth, or 3) Using portable air pollution control equipment (e.g. Air Verter PP-500XP) B. Depainting of honeycombed parts still on the airframe is limited to an area of 88 square inches per day. C. The maximum daily areas to be sanded shall not exceed: 1) 1,548 ft^2 per booth for Emission Unit 57. 2) 300 ft^2 for Emission Units 56, 58, 59, 60 and 60a.	ments of 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of: ***[Reference: 7 DE Admin Code 1130 Section 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition 3-Table 1(h)(1)(iii). B. The certification from the manufacturer guaranteeing at least 99% control efficiency for the filters, for each shipment of filters.	while the maximum paint usage is not exceeded. Therefore, compliance with the emission limitation shall be based upon record keeping. B. Compliance with operational limitations of Condition 3- Table 1(h)(1)(ii) shall be demonstrated each month based on record keeping.
i. Emission Unit 62: Bead Blasting Room in Building 724		
1. Particulate		
i. Emission Limitation The Company shall not cause or allow the particulate emissions from any source into the atmosphere in excess of 0.2 grains per standard cubic foot. ***[Reference: 7 DE Admin Code 115 Section 2.1 dated 2/1/1981]*** ii. Operational Limitations ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 11/15/1993]*** A. The maximum daily area bead blasted shall not exceed 6,192 ft^2. B. The Company shall not perform blasting operations unless the emission unit is operating properly and equipped with functional filtering equipment and manometer.	iii. Monitoring The Company shall monitor the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. Each day blasting is performed: 1) The size (square feet) of the depainted area. 2) The operating status of the filters. 3) The pressure drop across the filters, as shown by the manometer. 4) The operating time. 5) The daily thickness of coating removed or applied. (to determine material removed during blasting) B. The pressure drop across the filters, as shown by the manometer, immediately	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** A. Particulate emissions calculated using the maximum amount of area blasted and the minimum air flow rate equal 0.00832 grains per standard cubic foot. Compliance with the emission limitation stated in Condition 3- Table 1(i)(1)(i) can be consistently demonstrated while the maximum paint usage is not exceeded. Therefore, compliance with the emission limita-

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
C. The manufacturer's maintenance schedule and procedures shall be followed to assure that serviceable components are well maintained. D. The minimum air flow rate shall be 19,000 acfm. E. The control efficiency of the filters shall be maintained at a minimum of 99%.	following the installation of new or clean filters. C. The filter changes and all maintenance performed on the equipment. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain the following records: ***[Reference: 7 DE Admin Code 1130 Section 6.1.3.1.2 and 6.2.1 dated 11/15/1993]***: A. The monitoring required in Condition 3- Table 1(i)(1)(iii). B. The certification from the manufacturer guaranteeing at least 99% control efficiency for the filters. C. Certification from the manufacturer of the flow rate of each booth or the measured flow rate of each booth along with the methods and the associated calculations used to measure the flow rate.	tion shall be based upon record keeping. B. Compliance with operational limitations of Condition 3- Table 1(i)(1)(ii) shall be demonstrated each month based on record keeping.
j. Emission Unit 63: Engine (TF-39GE-1C) Test Cell, DAFB Unit 316		
1. Criteria Pollutants		
i. Emission Limitation None. ii. Operational Limitation ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 11/15/1993]***	iii. Monitoring The Company shall monitor the following information: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. Each day:	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitations of Condition 3- Table 1(j)(1)(ii) shall

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
A. The Company shall combust only JP-8 jet fuel in Emission Unit 63. B. The Company shall not test more than 250 aircraft engines in any rolling twelve 12-month period. C. Fuel sulfur content of the JP-8 jet fuel combusted in the engines shall not exceed 0.3 percent by weight. ***[Reference: 7 DE Admin Code 118 Section 2.2 dated 5/9/1985]***	1) The hours of engine operation. 2) The type of fuel combusted. B. Each month: 1) The amount of fuel combusted. C. The number of engines tested on a daily, monthly, and a rolling 12 month basis. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition 3-Table 1(j)(1)(iii). B. For each shipment of fuel, fuel supplier certifications that state: 1) The name of the oil supplier. 2) The fuel complies with the specifications for JP-8 jet fuel, as defined by the military specification MIL-DTL-83133E, dated April 1, 1999. 3) The sulfur content of the fuel as determined by ASTM methods: D129, D1266, D2622, D3120, D4294, or D5453.	be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
k. Other Sources that Emit VOCs- Emission Unit 64: Aircraft Fueling and De-fueling; Emission Unit 65: Aircraft Deicing; Emission Unit 66: Fugitive VOC Activities		
1. Volatile Organic Compounds (VOCs)		
i. Emission Limitation The overall VOC emissions from all the sources governed by Regulation No. 24, Section 50 shall be reduced by at least 81 weight percent as a result of switching from JP-4 fuel to JP-8 fuel. ii. Operational Limitation A. The Company shall use jet fuel with a vapor pressure less than or equal to 0.033 psi (at 60EF) in Emission Unit 64, all aircraft fueling and de-fueling activities. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** B. The Company shall use propylene glycol in Emission Unit 65, the aircraft deicing activities. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	iii. Monitoring The Company shall monitor the following on a monthly and 12 basis: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The quantity of JP-8 fuel transferred from bulk storage to tanker trucks (Emission Unit 64). B. The quantity of JP-8 fuel transferred from tanker trucks to aircraft (Emission Unit 64). C. The quantity of JP-8 fuel transferred from aircraft to tanker trucks (Emission Unit 64). D. The quantity of JP-8 fuel transferred from tanker trucks to bulk storage (Emission Unit 64). E. The quantity of JP-8 fuel transferred from bulk storage to aircraft via the hydrant system (Emission Unit 64). F. The quantity of JP-8 fuel transferred from aircraft to the hydrant system (Emission Unit 64). G. The quantity of propylene glycol used at the facility (Emission Unit 65). H. The name and associated base building location number for all insignificant sources of VOC emissions covered under Regulation No. 24, Section 50 (Emission Unit 66). I. The quantity of VOCs emitted to the at-	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, as part of the annual certification, the Company shall certify that the overall VOC emissions from all the sources governed by Regulation No. 24, Section 50 have been reduced by at least 81 weight percent as a result of switching from JP-4 fuel to JP-8 fuel. vii. Compliance Compliance with the emission limitation of Condition 3- Table 1(k)(1)(i) shall be based upon record keeping and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	mosphere, from all insignificant sources of VOC emissions covered under Condition 3- Table 1 (k)(1)(iii)(H) (Emission Unit 66). iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition 3-Table 1(k)(1)(iii). B. The method(s), calculations and assumptions used to determine the quantities recorded in Condition 3 Table 1 (k)(iii)(A-I). C. The method(s), calculations, and assumptions used in determining that the overall VOC emissions from all the sources governed by Regulation No. 24, Section 50 have been reduced by at least 81 weight percent as a result of switching from JP-4 fuel to JP-8 fuel.	
I. Emission Units 27 through 41 & 79: Emergency Generators (450 HP and above)		
1. Control of Emissions		
i. Emission Standards A. The emergency generator shall meet the applicable emissions standards set by the US EPA for non-road engines. ***[Reference: Title 40 CFR Part 89, Section***	iii. Monitoring A. The Facility shall monitor the following: ***[Reference: 7 DE Admin Code 1104 Section 6.0 dated 1/11/2006]*** 1. The date, time, duration, and	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance shall be based upon record

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
89.2.1, dated July 1, 2007] B. No person shall cause or allow the emission of visible air contaminants and/or smoke from a stationary or mobile source, the shade or appearance of which is greater than 20% percent opacity for an aggregate of more than three minutes in any one hour or more than 15 minutes in any 24 hour period. ii. Operation Limitations A. The emergency generator may only operate for an unlimited number of hours during an emergency as described in Condition 3- Table 1(l)(1)(ii)(D) of this permit. B. The emergency generator may operate for an unlimited number of hours during testing or for maintenance purposes, pursuant to the definition of emergency generator as defined in **7 DE Admin Code No.** 1104, except as restricted by Condition 3- Table 1(l)(1)(ii)(D) of this permit. C. Each shipment of diesel fuel or biodiesel blend received for use in the emergency generator shall have a sulfur content equal to or less than 0.05% by weight. D. The emergency generator may operate only during an emergency as defined below: 1. An electrical power outage due to: a failure of the electrical grid; on-site	reason for each emergency generator startup. 2. The monthly fuel usage. B. Once a month the emergency generator shall be observed for presence or absence of visible emissions or at least 15 minutes while the equipment is operating. 1. If any visible emissions are observed except during start-up, the Owner or Operator shall take immediate action per manufacturer's recommendations to correct the problem as soon as possible. C. Each diesel fuel or biodiesel blend shipment must include a shipping receipt and fuel certification for which identifies the type of fuel delivered, the percentage of sulfur (by dry weight basis), and method used to determine the sulfur content. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping A. The following information shall be recorded, initialed and maintained in a log as follows: 1. The date, time, duration, and reason for each start-up of the emergency generator. The log shall include the dates and descriptions of inspections, testing, operator	keeping and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
disaster; local equipment failure; or public service emergencies such as flood, fire, natural disaster, or severe weather conditions (e.g. hurricane, tornado, blizzard, etc.); or 2. When there is a deviation of voltage or frequency from the electrical provider to the premises of 3% or greater above or 5% or greater below standard voltage or frequency. E. The emergency generator shall not be operated for testing or maintenance purposes before 5 p.m. on any day which has a Ground Level Ozone Pollution Forecast or Particulate Forecast of "Code Purple," "Code Red," or "Code Orange" as announced by the Department. F. Despite Condition 3- Table 1(m)(1)(ii)(E) of this permit, the emergency generator may be tested on any day that such testing is required to meet National Fire Protection Association Standards. G. The emergency generator shall not be operated in conjunction with a voluntary demand-reduction program or any other interruptible power supply arrangement with a utility, other market participant, or system operator. H. The emergency generator shall be equipped with a properly functioning	training, and maintenance performed; 2. The total hours of operation for each month and the cumulative 12 month rolling period shall be calculated and recorded within 15 days of the end of each calendar month; 3. The total fuel usage for each month and the cumulative 12 month rolling period shall be calculated and recorded within 15 days of the end of each calendar month; 4. Visible emission observation records in accordance with Condition 3-Table 1(m)(1)(iii)(B). B. The owner or operator shall maintain a copy of the fuel oil certification. C. The owner or operator shall submit and maintain a record of proper initial notification as required by State of Delaware Regulation No. 1104. D. The owner or operator shall maintain a copy of the emergency generator's manufacturer's maintenance and operating recommendations at the facility. E. The owner or operator shall maintain a copy of the emergency generator's manufacturer's certification that the engine has been certified to meet the currently applicable US EPA non-road emissions standards ***[Reference: Title 40 CFR Part 89, Section 89.2.1, dated July 1,***	

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
non-resettable hour metering device. The emergency generator shall be serviced annually by a manufacturer's representative or by personnel trained to perform maintenance according to the manufacturer's recommendations.	***2007].*** The owner or operator shall maintain a copy of the emergency generator's annual maintenance service at the facility.	
m. Emission Units 89-1 & 89-2- Crematory Retorts		
1. Emissions		
i. Emission Limitation The total emissions from the crematory shall not exceed the following: A. Oxides of nitrogen (NOX) emissions shall not exceed 0.89 pounds per day or 0.11 tons per rolling 12-month period. B. Carbon monoxide (CO) emissions shall not exceed 0.76 pounds per day or 0.10 tons per rolling 12-month period. C. Sulfur dioxide (S02) emissions shall not exceed 0.33 pounds per day or 0.04 tons per rolling 12-month period. D. Non-methane volatile organic compounds (VOCs) emissions shall not exceed 0.47 pounds per day or 0.06 pounds per rolling 12-month period. E. Particulate matter (PM) emissions shall not exceed 0.03 pounds per hour, 0.20 pounds per day or 0.02 tons per rolling 12-month period. F. Lead (Pb) emissions shall not exceed 1.32 x 10-4 pounds per day or 3.31 x 10-2 pounds per rolling 12-month period.	iii. Monitoring The operator shall monitor: ***[Reference: Permit: AQM-2009/0087]*** A. The time and temperature at the beginning of each cremation. B. The hours of operation each day. C. The amount of natural gas combusted each day. D. Visible emissions during each cremation. E. All of the maintenance performed on the crematory equipment. iv. Testing Upon written request of the Department, the owner or operator shall, at the Facility's expense, sample the emissions of, or fuel used by, an air contaminant emission source, maintain records and submit reports to the Department on the result of such sampling. **[Reference: 7 DE Admin. Code 1107 Section 2.2 dated 7/17/84]** v. Record Keeping A. The following information shall be recorded, initialed, and maintained in a log book: ***[Reference: 7 DE Admin. Code 1130 Section 6.1.3.2 dated 12/11/00] and***	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the owner or operator shall for each occurrence of excess emissions, within 30 calendar days of becoming aware of such occurrence, supply the Department in writing with the following information: A. The name and location of the facility; B. The subject sources that caused the excess emissions; C. The time and date of first observation of the excess emissions; D. The cause and expected duration of the excess emissions; E. For sources subject to numerical emission limitations, the estimated rate of emissions (expressed in the units of the applicable emission limitation) and the operating data and calculations used in determining the magnitude of the excess emissions; and F. The proposed corrective actions and schedule to correct the conditions

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
ii. Operation Limitations A. Materials to be incinerated in this unit shall be in accordance with 7 DE Admin. Code 1107. ***[Reference: Permit: AQM-2009/0087]*** B. Operation of this equipment shall be restricted to eight hours per day and five days per week and shall only be operated the hours between sunrise and sunset, not to exceed 2080 hours in any rolling 12 month period. ***[Reference: Permit: AQM-2009/0087]*** C. Operation of this equipment shall be conducted only when the primary and secondary gas fired auxiliary burners are in proper operating condition and in the firing mode. ***[Reference: Permit: AQM-2009/0087]*** D. Operation of this equipment shall be conducted only when the secondary chamber temperature is 1400°F or higher. The secondary chamber temperature shall be maintained greater than 1400°F for the duration of the cremation. An indicating pyrometer or other temperature control device shall be installed in such a manner to accurately determine the secondary chamber temperature. ***[Reference: 7 DE Admin. Code 1107 Section 2.3 dated 10/13/89 and Permit: AQM-2009/0087]*** E. At all times, including periods of startup, shutdown, and malfunction, the owner or operator shall, to the	***Permit: AQM-2009/0087]*** 1. The temperature of the secondary chamber at the beginning and during each cremation. 2. The hourly charging rate and the mass cremated each day. 3. The hours of operation of the crematory on a daily, monthly, and cumulative 12 month rolling basis. 4. The amount of natural gas combusted each day. 5. Operator visual emission observation of the stack during each cremation and any corrective action taken if visible emissions are observed. 6. Records of any equipment malfunction and the corrective actions taken. 7. Documentation of all maintenance performed on the equipment. B. The aggregate monthly and rolling 12-month emissions of NOX, CO, PM, SO2, VOCs, and lead emissions from the crematory retorts for the previous month shall be calculated and recorded no later than the fifth day of the succeeding month. ***[Reference: Permit: AQM-2009/0087]*** 1. Emissions shall be calculated using the quantity of natural gas combusted, the mass cremated each month, and the emission factors published in AP-42 Tables	causing the excess emissions. *[Reference: **7 DE Admin. Code** 1102 Section 7.3 paragraphs 1, 2, 3, 4, and 5 dated 11/24/93]* vii. Compliance A. Compliance with the emission limitation of Condition 3- Table 1(m)(1)(i) shall be based upon record keeping and the use of either AP-42 emission factors or manufacturer certified emission factors. [Reference 7 DE Admin Code 1130 Sections 6(a)(3)(ii)(C) and 6(b)(1) dated 12/11/2000] B. Compliance with operational limitations of Condition 3- Table 1(m)(1)(ii) shall be demonstrated each month based on record keeping.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
extent practicable, maintain and operate the crematory retorts, including associated air pollution control equipment, in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. ***[Reference: 7 DE Admin. Code 1101 Section 3 dated 2/1/81 and 7 DE Admin. Code 1102 Section 11.6 dated 6/1/97]***	1.4-1 and 1.4-2 for uncontrolled combustion of natural gas and AP-42 Tables 2.3-1 and 2.3-2 for uncontrolled medical waste incineration.	
n. Insignificant Activities – Boilers with a rated heat input of less than 15 MMBtu/hr		
1. Particulate		
i. Emission Limitation Particulate emissions shall not exceed 0.3 pound per million BTU heat input on a maximum two hour average, for the boilers with rated input capacities equal to or greater than 1.0 MMBTU/hr. ***[Reference: 7 DE Admin Code 1104 Section 2.1 dated 2/1/1981]*** ii. Operational Limitation The Company shall combust only No. 2 fuel oil or natural gas in these boilers. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	iii. Monitoring The Company shall monitor the type and quantity of fuel fired in each unit, each month. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Particulate emissions, calculated using AP-42 emission factors and maximum firing rates of these boilers, are less than the 0.3 lb/MMBTU standard while firing natural gas or No. 2 fuel oil. Therefore, compliance with the emission limitation of Condition 3- Table 1(n)(1)(i) can be consistently demonstrated while firing No. 2 fuel oil or natural gas in these boilers. Compliance shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	3- Table 1(n)(1)(iii). B. An updated list of the size and location, including the associated base location building number, of each boiler at the facility. C. A list of any boilers added or removed from the facility during the previous year. **Note:** No new emission units may be erected without a Regulation No. 1102 permit and all necessary pre-construction review.	***6.1.3.2.3 and 6.2.1 dated 12/11/2000]***
2. Sulfur Oxides		
i. Emission Limitation None. ii. Operational Limitation The Company shall not purchase or use No. 2 fuel oil having a sulfur content greater than 0.3 percent by weight. ***[Reference: 7 DE Admin Code 118 Section 8.5 dated 11/29/1994]***	iii. Monitoring The Company shall monitor the sulfur content of the No. 2 fuel oil for each shipment. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. The monitoring required in Condition 3- Table 1(n)(2)(iii). B. For each shipment of No. 2 fuel oil, supplier certification of fuel sulfur content that state: 1) The name of the oil supplier.	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitations of Conditions 3- Table 1(n)(2)(ii) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Section 6.1.3.2.3 and 6.2.1 dated 11/15/1993]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	2) The oil complies with the specifications for fuel oil Numbers 1 or 2, as defined by the American Society for Testing and Materials in ASTM D396, "Standard Specification for Fuel Oils." 3) The sulfur content of the oil as determined by ASTM methods: D129, D1552, D2622, or D4294.	
o. Insignificant Activities - Storage Tanks		
1. Volatile Organic Compounds (VOCs)		
i. Emission Limitation None. ii. Operational Limitations The Company shall store only No. 2 fuel oil, No. 6 fuel oil, JP-8 jet fuel, diesel fuel, or any other volatile organic liquid with a maximum true vapor pressure less than 0.5 pound per square inch in storage tanks with a capacity greater than or equal to 5,000 gallons. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.1 and 6.2.1 dated 11/15/1993]***	iii. Monitoring The Company shall monitor: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 11/115/1993]*** A. The type of volatile organic liquid and the vapor pressure of the volatile organic liquid stored in each storage tank with a capacity greater than or equal to 5,000 gallons. B. The vapor pressure of the volatile organic liquid stored in each tank. iv. Testing None. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the following: A. The monitoring required in Condition 3- Table 1(o)(1)(iii). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** B. The dimensions of the storage vessels	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitation of Condition 3- Table 1(o)(1)(ii) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
	and an analysis showing the capacity of the storage vessels for the life of the vessels. ***[Reference: 40 CFR Subpart Kb dated 4/8/87 & 7 DE Admin Code 1124 Section 49.5.2 dated 11/29/1994]*** C. An up to date list of the location, including the base location building number, of each tank. D. A list of any tanks added or removed from the facility during the previous year.	
p. Insignificant Activities- Gasoline Service Station		
1. Volatile Organic Compounds (VOCs) and Hazardous Air Pollutants (HAPs)		
i. Emission Limitations A. Total Volatile Organic Compounds (VOCs) - 5.0 tons per rolling 12-month period B. Total Hazardous Air Pollutants (HAPs)- 0.29 tons per rolling 12-month period. ii. Operational Limitations A. The storage tanks shall be equipped with Stage I and Stage II Vapor Recovery Systems. B. The storage tanks shall be loaded with submerged fill using a drop tube that extends to within 150 mm from the bottom of the tank. C. The Stage I Vapor Recovery System shall operate so that the vapors displaced by the liquid gasoline shall be returned to the delivery vessel. 1. All hoses in the Stage I Vapor Recovery System shall be properly connected;	iii. Monitoring The Facility shall perform the monitoring as outlined in Condition 3- Table 1 (p) (iv). ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 11/15/1993]*** iv. Testing In addition to that required by Condition 3(b)(1)(ii) of this permit, the facility shall: A. The following tests shall be performed and passed annually for each Stage II Vapor Recovery System in accordance with 7 DE Admin. Code 1124, Section 36: ***[Reference: 7 DE Admin. Code 1124 Section 36 dated 1/11/02]*** 1. A Pressure Decay/Leak Test; 2. A Dynamic Backpressure and Liquid Blockage; and 3. An Air to Liquid Volume Ratio Test. B. At least once per day, a trained service station representative shall perform a	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitation of Condition 3- Table 1(p)(1)(ii) shall be based upon record keeping. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
2. All vapor lines, couplers, and adapters used in the gasoline delivery shall be vapor-tight; 3. All adapters and couplers that attach to any vapor line on the storage tanks shall have closures that seal upon disconnect; and 4. The system shall utilize dual point vapor connections to return vapors from the storage tank to the delivery truck. D. Filling of the storage tanks shall be limited to unloading by vapor-tight gasoline tank trucks or delivery trucks which meet all the requirements of 7 DE Admin Code 1124 Section 27 and are equipped with vapor return equipment that is compatible with the Stage I Vapor Recovery System installed on the storage tanks. ***[Reference: 7 DE Admin. Code 1124 Section 26 dated 1/11/02***] E. The Stage II Vapor Recovery System shall operate so that vapors displaced by dispensing liquid gasoline shall be returned to the storage tanks. ***[Reference 7 DE Admin. Code 1124 Section 26 dated 1/11/02]*** 1. If the system uses manifolded vapor lines, the liquid shall return into the lowest octane tank. If the system uses non-manifolded systems with separate vapor lines, the liquid shall return to the tank that has the same	routine maintenance inspection of the Stage II Vapor Recovery System as outlined in 7 DE Admin. Code 1124 Section 36(c)(3). ***[Reference: 7 DE Admin. Code 1124 Section 36 dated 1/11/02]*** C. The Department shall receive written notification 10 working days prior to any test operation, unless permission is granted to the contrary. Test failures shall be reported to the Department within 24 hours of the failure. D. The final results of the testing shall be submitted to the Department within 60 days of the test completion. One original and one copy of the test report shall be submitted to the State of Delaware at the address specified in Condition 2(a)(3) of this permit. E. The documentation must demonstrate to the Department's satisfaction that the vapor control systems are operating in compliance with the applicable regulations and conditions of this permit; if the final report of the test results shows non-compliance the owner or operator shall propose corrective actions. Failure to demonstrate compliance may result in enforcement action. ***[Reference: 7 DE Admin. Code 1102 Section 11.3 dated 6/11/06]*** F. Upon written request of the Department, the owner or operator shall, at the Facility's expense, sample	

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
product as is dispensed at the nozzle where the liquid was introduced into the vapor lines. 2. The operator shall install and maintain a vapor shear valve that functions similarly to the product shear valve. 3. The operator shall conspicuously post "Operating Instructions" on both sides of each gasoline dispenser. Such instructions shall include: 4. A clear description of how to correctly dispense gasoline. (a) A warning that repeated attempts to continue dispensing gasoline, after the system has indicated that the vehicle fuel tank is full (by automatically shutting off), may result in spillage or recirculation of gasoline. (b) A toll-free telephone number to report problems experienced with the vapor recovery system to the Department. F. At least one service station representative (owner, manager, or employee), must attend a training program on the operation and maintenance requirements of the Stage II equipment that is installed at this facility. Verification, such as a certificate of attendance from the	the emissions of, or fuel used by, an air contaminant emission source, maintain records and submit reports to the Department on the result of such sampling. v. Record Keeping In addition to the requirements of 3(b)(1)(ii) and 3(b)(2) of this permit, the Facility shall maintain the following records: ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 11/15/1993, 7 DE Admin. Code 1104, Section 2.1 dated 2/1/81, 7 DE Admin. Code 1124 Section 26 dated 1/11/02, and 7 DE Admin. Code 1136 Section 26 dated 1/11/02]]*** A. Copies of the most recent test results, including the date of the testing and the name, address, and phone number of the testing Facility. B. Maintenance reports for all work performed on the Vapor Recovery Systems. Reports shall include a general part description; the date repaired or replaced the replacement part manufacturer, and a description of the problem and solution. C. A log of daily self-inspection and third-party inspections. D. The date, volume, and type of each delivery to each fuel tank shall be recorded in a log book. E. The volume of gasoline dispensed the previous month shall be calculated and recorded no later than the fifth day of the succeeding month.	

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
training program, shall be obtained by the attendee within three months of the installation of the Stage II system. ***[Reference: 7 DE Admin. Code 1124 Section 36 dated 1/11/02]*** G. At all times, including periods of startup, shutdown, and malfunction, the owner or operator shall, to the extent practicable, maintain and operate the facility, including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating procedures are being used will be based on information available to the Department, which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source. [***Reference: 7 DE Admin. Code 1101 Section 3 dated 2/1/81 and 7 DE Admin. Code 1102 Section 11.6 dated 6/1/97]*** H. All structural and mechanical components of the equipment covered by this permit and in use shall be maintained in proper operating condition.	F. The monthly throughput for each tank shall be recorded no later than the fifth day of the succeeding month. G. The aggregate monthly and rolling 12-month emissions of VOCs and HAPs from both tanks for the previous month shall be calculated and recorded no later than the fifth day of the succeeding month. 1. VOC emission shall calculated by using gasoline throughput for the month, AP-42 Chapter 5.2 Table 5.2-7 for emission factors and spillage losses and tank evaporation losses using the latest version of TANKS software. 2. HAPs emissions shall be calculated by multiplying the total VOC emissions by vapor phase weight fraction (for evaporative loses) and the liquid phase weight fraction (for spillage losses) of each HAP.	
q. Facility Wide		
1. Hazardous Air Pollutants (HAPs)		
i. i. Emission Limitations The Company shall not cause, allow, or	iii. Monitoring The Company shall perform the monitoring	vi. Reporting In addition to that required by Conditions

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
permit the emission of 10.0 tons per year (tpy) or more of any single HAP or 25.0 tpy or more of any combination of HAPs from the facility. ***[Reference: Reg. 30 Sections 6.1.1 and 6.2 dated 11/15/1993]*** ii. Operational Limitation The Company shall operate within the emission and operational limitations as outlined in Condition 3- Table 1 (a - o). ***[Reference: Reg. 30 Sections 6.1.1 and 6.2 dated 11/15/1993]***	as outlined in Condition 3- Table 1 (a through n). ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 11/15/1993]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain the following records: ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 11/15/1993]*** A. An up to date list of the base location building number and emission unit description for each HAP emission source. B. A list of any new HAP emission sources and their base location building number added to the facility during the previous year. C. A list of any new HAP emission sources and their base location building number that were removed from the facility during the previous year.	2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the Company shall submit a facility-wide HAP inventory, covering the previous year, as part of the annual compliance certification. In part, this inventory shall include: ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 11/15/1993]*** A. The actual HAP emissions from the facility for the previous calendar year. At a minimum, this inventory shall include separate actual HAP emissions totals for the following seven categories, as outlined in the facility=s original HAP emissions inventory: 1) Boilers/Heaters 2) Generators 3) Fuel Storage and Dispensing Operations 4) Surface Coating Operations 5) Aircraft Engine Test Cell 6) Aircraft Depainting Operations 7) Fugitive Emissions (to include any emissions unaccounted for in the previous six categories) B. Examples of the calculations and the support documentation associated with the certification of compliance with the emission limitations of Condition 3- Table 1 (o)(1)(i). C. The record keeping as required by Condition 3-Table 1 (o)(1)(v). D. Any additional information as required by Condition 3 (c)(3)(i)(E) of this permit.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
		vii. Compliance Compliance with the emission and operational limitations of Condition 3- Table 1 (o)(1)(i & ii) shall be demonstrated by adhering to the limitations as outlined in Condition 3- Table 1 (a-o), and shall be based upon record keeping and reporting. ***[Reference: Reg. 30 Sections 6.1.3.2.3 and 6.2.1 d dated 12/11/2000]***
2. Industrial Solvent Usage		
i. Emissions Limitation None. ii. Operational Limitations The Company shall not use more than 5.0 tons of organic cleaning solvents per year. ***[Reference: Reg. 30 Sections 6.1.1 and 6.2 dated 12/11/2000]***	iii. Monitoring The Company shall monitor the volume of organic cleaning solvents used each year. ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall keep records of the monitoring requirements of Condition 3-Table 1 (o)(2)(iii). ***[Reference: Reg. 30 Section 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	vi. Reporting In addition to that required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit, the Company shall include the following in the Company's annual compliance report: A. The volume of cleaning solvents used in the previous year. ***[Reference: 7 DE Admin Code 1124 Sections 45.6 dated 11/29/1994]*** B. Certification that Regulation 24, Section 45 does not apply because the Facility uses less than 5 tons of cleaning solvent per year. ***[Reference: 7 DE Admin Code 1124 Sections 45.6(4) dated 11/29/1994]*** vii. Compliance Compliance shall be based upon record keeping and reporting. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***
3. Disposal, Handling, and Storage of Volatile Organic Compounds (VOCs)		
i. Emissions Limitation The Company shall not cause, allow, or permit the disposal of more than 11	iii. Monitoring ***[Reference: Reg. 30 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
pounds of any VOC, or of any materials containing more than 11 pounds of any VOCs, at this facility in any One day in a manner that would permit evaporation of VOC into the ambient air. ***[Reference: 7 DE Admin Code 1124 Section 8.1 dated 11/29/1994]*** ii. Operational Limitations A. The requirement of Condition 3- Table 1 (o)(3)(i) includes, but is not limited to, the disposal of VOCs from VOC control devices. ***[Reference: 7 DE Admin Code 1124 Section 8.2 dated 11/29/1994]*** B. The requirement of Condition 3- Table 1 (o)(3)(i) does not apply to: ***[Reference: APC-96/0745 Condition 8.1 & 7 DE Admin Code 1124 Section 8.1 dated 11/29/1994]*** 1) Any VOC or material containing VOCs emitted from the facility that is subject to a VOC standard under 7 DE Admin Code 1124. ***[Reference: 7 DE Admin Code 1124 Section 8.1.1 dated 11/29/1994]*** 2) Coating sources that are exempt from the emission limitations of Section 10 through 23 of 7 DE Admin Code 1124. ***[Reference: 7 DE Admin Code 1124 Section 8.1.2 dated 11/29/1994]*** 3) Waste paint (sludge) handling systems, water treatment systems, and other similar operations at coating facilities using complying coatings. ***[Reference: 7 DE Admin Code 1124 Section 8.1.3 dated***	A. For each day on which VOCs are disposed of in a manner that would permit evaporation of VOCs into the ambient air, the Company shall identify the source and quantity (pounds) of these disposed VOCs. B. Each day, the Company shall monitor employee adherence to the operational limitations of Condition 3- Table 1 (o)(3)(ii). C. Each month, the Company shall monitor VOC work practice training records for each employee and update records as needed. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain a daily log indicating: ***[Reference: Reg. 30 Section 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** A. An up to date list of the base location building number and type of each self-enclosed paint gun washer. B. That the facility is in compliance with the emission and operational limitations of Condition 3- Table 1 (o)(3)(i) and (ii). C. The quantity (pounds) of disposed VOCs that were disposed of in a manner that would permit evaporation of VOCs into the ambient air.	vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]*** A. If the quantity of VOCs recorded pursuant to Condition 3- Table 1 (o)(3)(v)(B) exceeds the quantity stated in Condition 3- Table 1 (o)(1)(i), then an exceedence has occurred. B. Compliance with the operational limitations of Condition 3- Table 1 (o)(3)(ii) shall be demonstrated by adhering to VOC work practices, by appropriate employee training, and by posting work practice instructions, and shall be based upon record keeping for the disposal, handling, and storage of VOCs.

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
11/29/1994] 4) Any VOC or material containing VOCs used during process maintenance turnarounds for cleaning purposes, provided that the provisions of Condition 3- Table 1 (o)(3)(ii)(D) are followed. ***[Reference: 7 DE Admin Code 1124 Section 8.1(4) dated 11/29/1994]*** C. Cloth or paper impregnated with VOCs shall be stored and disposed of in closed containers. The containers shall be closed at all times except when adding or removing material. ***[Reference: 7 DE Admin Code 1124 Section 8.3 dated 11/29/1994]*** D. Spent and fresh VOCs shall be stored and disposed of in closed containers. The containers shall be closed at all times except when adding or removing material. ***[Reference: 7 DE Admin Code 1124 Section 8.4 dated 11/29/1994]*** E. The Company shall not use VOCs for the cleanup of spray equipment unless equipment is used to collect the cleaning compounds and to minimize VOC evaporation to the atmosphere. ***[Reference: 7 DE Admin Code 1124 Section 8.5 dated 11/29/1994]***	D. The method used to dispose of those VOCs. E. The information monitored in Condition 3- Table 1 (o)(3)(iii).	
4. Visible Emissions		
i. Emission Limitation The emissions of visible air contaminants shall not exceed 20% opacity for an aggregate of more than three minutes in any one hour period or more than 15 min-	iii. Monitoring The Company shall monitor all operating emission units for visible emissions at least once a day, when in operation. If visible emissions are observed, the Company shall	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
utes in any 24 hour period. ***[Reference: 7 DE Admin Code 11104 Section 2.1 dated 7/17/84, APC-84/0569 and 0570 Condition 6, APC-81/0740, 0741, and 0743 Condition 5, and APC-81/0742 Condition]*** ii. Operational Limitation None.	perform a modified Reference Method 9 visible emissions test in accordance with Regulation No. 20, Section 1.5(c) to determine if the emission unit is in compliance with Condition 3- Table 1(o)(4)(i) of this permit. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing In addition to testing required by Condition 3(b)(1)(ii) of this permit, at least once every calendar year the Company shall conduct a modified Reference Method 9 visible emissions test in accordance with Regulation No. 20, Section 1.5(c) on all emission units combusting liquid fuel. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain the following records: ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1, dated 12/11/2000]*** A. The information monitored in accordance with Condition 3- Table 1 (o)(4)(iii) and (iv).	A. Compliance with the emission limitation of Condition 3- Table 1 (o)(4)(i) shall be based upon record keeping. B. The Company shall certify at least once each calendar year that compliance with Condition 3- Table 1 (o)(4) demonstrates compliance with Condition 3- Table 1 (o)(4)(i) by conducting a modified Reference Method 9 in accordance with Condition 3- Table 1 (o)(4)(iv).
5. Operation/Maintenance		
i. Emission Limitation None. ii. Operational Limitation All structural and mechanical components of the equipment covered by this permit shall be maintained in proper operating	iii. Monitoring The Company shall monitor the operational limitations of Condition 3- Table 1 (o)(5)(ii), monitor all of the maintenance performed on equipment covered by this permit, and update records as needed.	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance with the operational limitations of Condition 3- Table 1 (o)(5)(ii) shall be

Condition 3 – Table 1 (Specific Requirements)

Emission Limitations/Standards and/or Operational Limitations/Standards	Compliance Determination Methodology (Monitoring/Testing, QA/QC Procedures [as applicable] and Record Keeping)	Reporting/Compliance Certification
condition and such equipment shall be operated at all times in a manner consistent with good air pollution control practice. ***[Reference: 7 DE Admin Code 111 Section 3 dated 2/1/1981, and APC-96/0745 Condition 4]***	***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]*** iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping In addition to the requirements of Conditions 3(b)(1)(ii) and 3(b)(2) of this permit, the Company shall maintain records of the information of Condition 3- Table 1 (o)(5)(iii). ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.1.2 and 6.2.1 dated 12/11/2000]***	demonstrated by adherence to good engineering operation and work practices, and based upon record keeping for the proper operation and maintenance of the equipment covered by this permit. ***[Reference: 7 DE Admin Code 1130 Sections 6.1.3.2.3 and 6.2.1 dated 12/11/2000]***
6. State Enforceable Only - Odors		
i. Emission Limitation Odors from this source shall not be detectable beyond the plant property line in sufficient quantities to cause ore create a condition of air pollution. **[*Reference: 7 DE Admin Code 11109 Section 2.1 dated 2/1/1981]*** ii. Operational Limitation None.	iii. Monitoring None. iv. Testing That required by Condition 3(b)(1)(ii) of this permit. v. Record Keeping That required by Conditions 3(b)(1)(ii) and 3(b)(2) of this permit.	vi. Reporting That required by Conditions 2(a), 2(f)(3), 3(b)(1)(ii), and 3(c)(2) of this permit. vii. Compliance Compliance is demonstrated if the Company does not have knowledge to the contrary and has no prior history of exceedences. ***[Reference: 7 DE Admin Code 1130 Section .1.3.2.3 and 6.2.2 dated 12/11/2000]***

Condition 4- Operational Flexibility

a. In addition to the operational flexibility specifically provided in the terms and conditions detailed in Condition 3 – Table 1 of this permit, the Owner and/or Operator is authorized to make any changes within the facility which contravenes the terms and conditions of this permit without a permit revision if the change:

1. Is not a modification or otherwise prohibited under any provision of Title I of the Act or the State Implementation Plan (SIP); and *[Reference: 7 **DE Admin. Code** 1130 Section 6.8 dated 12/11/00]*
2. Does not involve a change in any compliance schedule date; and *[Reference: 7 **DE Admin. Code** 1130 Section 6.8 dated 12/11/00]*
3. Does not result in a level of emissions exceeding the emissions allowable under this permit, whether expressed herein as a rate of emissions or in terms of total emissions. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8 dated 12/11/00]*

b. Before making a change under the provisions of Condition 4(a) of this permit, the Owner and/or Operator shall provide advance written notice to the Department and to the EPA in accordance with Condition 3(c)(2)(iii) of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

c. The Owner and/or Operator shall keep records of any changes made under Condition 4 of this permit in accordance with Condition 3(b)(2)(iv) of this permit. *[Reference: 7 **DE Admin. Code** 1130 Section 6.8.1 dated 12/11/00]*

Condition 5- Compliance Schedule

This permit does not contain a compliance schedule. *[Reference: 7 **DE Admin. Code** 1130 Section 6.3.3 dated 12/11/00]*

Condition 6. Permit Shield.

This permit does not provide a permit shield and shall not be presumed to provide such a shield. *[Reference: 7 **DE Admin. Code** 1130 Section 6.6.3 dated 12/11/00]*

ATTACHMENT

Dover Air Force Base Aerospace Coating List			
Coating Name	**National Stock Number (NSN)**	**Coating Name**	**National Stock Number (NSN)**
AGE Green	8010-01-305-5555	Gloss Red	8010-P-2101
Aluminum Silver	8010-P03GY079	Gloss White	8010-01-265-9143
Black Epoxy Primer	8010-01-419-11042	Gloss White	8010-P-1501
Dark Blue Latex	8010-PCOLOR-35177	Gloss Yellow	8010-P-13538
Desothane HS Camo Gray	8010-01-441-6022	Grey	8010-01-345-6535
Desothane HS Flat Black	8010-01-441-6028	Gunship Black	8010-01-285-3555
Desothane HS Gloss White	8010-01-441-6029	High Solids Blue	8010-P-25177
Desoto HS Epoxy Primer	8010-01-441-6030	Latex Beige	8010-PBEIGE-23531
Epoxy Polyamide Primer	8010-01-416-6557	Latex Blue	8010-PBLUE-25414
Flat Black	8010-P-1602	Latex Cream	8010-PCREAM-27778
Flat Red	8010-01-378-6514	Latex White (base)	8010-PWHITE-17925
Gloss Black	8010-01-285-3048	Olive Drab (ECO-SURE)	8010-01-331-6111
Gloss Black	8010-P-1601	Primer Gray	8010-00-616-9181
Gloss Blue	8010-01-329-6304	Primer Green	8010-01-368-2632
Gloss Gray Epoxy	8010PDN3635 VOC Compliant DN3635	Semi-Gloss Black Paint	8010-01-387-9626
Gloss Grey	8010-01-336-3032	White (IFR Marking)	8010-01-378-5218
Gloss Orange Yellow	8010-01-285-3038	Yellow Tail	8010-01-380-1780
Gloss Red	8010-01-265-9154		

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pc: Dover (Title V) File

Attachment "A"- Revision History

Date	Number	Revision Type	Description
4/4/2007	Renewal 1	Permit Renewal	Renewal of permit; updated to reflect operating conditions and limitations.
11/20/2007	Revision 1	Significant Modification	Changed requirement for fuel oil testing to supplier certification and quarterly testing of oil delivered to the facility.
3/10/2008	Revision 2	Minor Modification	Removed references to three cold solvent cleaners (EU 12, 13 & 18).
12/07/2009	Revision 3	Administrative Amendment	Added terms and conditions of Federally Approved Construction permits APC-2009/0086 (Gas Station Underground Storage Tanks), and APC-2009/0087 (Cremetory Retorts). Revised conditions for Emergency Generators to reflect 7 DE Admin Code 1144. Revised Conditions 1 through 6 to reflect updated conditions.