TO: Interested Parties / Applicant

RE: AAR Aircraft Services / AA 097-21245-00559

FROM: Felicia A. Robinson
Manager of Environmental Planning
City of Indianapolis
Office of Environmental Services

Notice of Decision – Approval

Please be advised that on behalf of the Commissioner of the Department of Environmental Management, I have issued a decision regarding the enclosed matter. Pursuant to 326 IAC 2, this approval was effective immediately upon submittal of the application.

If you wish to challenge this decision, IC 4-21.5-3-7 requires that you file a petition for administrative review. This petition may include a request for stay of effectiveness and must be submitted to the Office of Environmental Adjudication, 100 North Senate Avenue, Government Center North, Room 1049, Indianapolis, IN 46204, **within eighteen (18) calendar days from the mailing of this notice**. The filing of a petition for administrative review is complete on the earliest of the following dates that apply to the filing:

(1) the date the document is delivered to the Office of Environmental Adjudication (OEA);
(2) the date of the postmark on the envelope containing the document, if the document is mailed to OEA by U.S. mail; or
(3) The date on which the document is deposited with a private carrier, as shown by receipt issued by the carrier, if the document is sent to the OEA by private carrier.

The petition must include facts demonstrating that you are either the applicant, a person aggrieved or adversely affected by the decision or otherwise entitled to review by law. Please identify the permit, decision, or other order for which you seek review by permit number, name of the applicant, location, date of this notice and all of the following:

(1) the name and address of the person making the request;
(2) the interest of the person making the request;
(3) identification of any persons represented by the person making the request;
(4) the reasons, with particularity, for the request;
(5) the issues, with particularity, proposed for considerations at any hearing; and
(6) identification of the terms and conditions which, in the judgment of the person making the request, would be appropriate in the case in question to satisfy the requirements of the law governing documents of the type issued by the Commissioner.

If you have technical questions regarding the enclosed documents, please contact the Indianapolis Office of Environmental Services, Air Permits at (317) 327-2234.

Enclosures

City of Indianapolis
Bart Peterson, Mayor

PART 70 OPERATING PERMIT
INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
and
CITY OF INDIANAPOLIS
OFFICE OF ENVIRONMENTAL SERVICES

AAR Aircraft Services, Indianapolis
2825 West Perimeter Road
Indianapolis, Indiana 46241

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17 and the Code of Indianapolis and Marion County, Chapter 511.

Operation Permit No.: T097-9602-00156	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Quality John Chavez Administrator, OES	Issuance Date: June 26, 2003 Expiration Date: June 26, 2008

First Part 70 Administrative Amendment No.: 097-21245-00559	Conditions Affected: Title Page; A.1 through **A.5**; C.1; C.20; Sections D.1, D.2, D.3, D.4, D.5, ~~D.6, D.7. D.8, D.9~~
Issued by: ORIGINAL SIGNED BY: Felicia A. Robinson Manager of Environmental Planning, OES	Issuance Date: October 14, 2005 Expiration Date: June 26, 2008

Department of Public Works
Office of Environmental Services
2700 South Belmont Avenue (317) 327-2234
Indianapolis, Indiana 46221 (fax) 327-2274
(TDD) 325-5186
www.indygov.org

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SECTION A SOURCE SUMMARY

This permit is based on information requested by the Indiana Department of Environmental Management (IDEM), Office of Air Quality (OAQ) and City of Indianapolis Office of Environmental Services (OES). The information describing the source contained in conditions A.1 and A.3 through A.5 is descriptive information and does not constitute enforceable conditions. However, the Permittee should be aware that a physical change or a change in the method of operation that may render this descriptive information obsolete or inaccurate may trigger requirements for the Permittee to obtain additional permits or seek modification of this permit pursuant to 326 IAC 2, or change other applicable requirements presented in the permit application.

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary aerospace vehicle maintenance center which performs various maintenance tasks on aircraft.

Responsible Official:	General Manager
Source Address:	2825 West Perimeter Road, Indianapolis, Indiana 46241
Mailing Address:	2825 West Perimeter Road, Indianapolis, Indiana 46241
General Source Phone Number:	(317) 227- 5066
SIC Code:	4581
County Location:	Marion
Source Location Status:	Nonattainment for ozone under the 8-hour standard Nonattainment for PM2.5 Attainment for all other criteria pollutants.
Source Status:	Part 70 Permit Program Major Source, Section 112 of the Clean Air Act Major Source under Emission Offset Rules Minor Source under PSD Rules

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This aerospace vehicle maintenance center source consists of three (3) plants:

(a) Plant 1, Indianapolis Airport Authority (097-21243-00156), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241;

(b) Plant 2, AAR Aircraft Services, Indianapolis (097-21245-00559), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241; and

(c) Plant 3, Indianapolis Diversified Machining, Inc. (097-21325-00560), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241.

IDEM, OAQ and OES have determined that since the three (3) plants are located on contiguous or adjacent properties and are under common control of the same entity, the Indianapolis Airport Authority, they will be considered one (1) source, effective from the date of issuance of this Part 70 Operating Permit Amendment. These three (3) plants are considered one source because the on-site powerhouse is dedicated to the aerospace vehicle maintenance center and AAR Aircraft Services, Indianapolis will occupy the majority of the aircraft hangars at the maintenance center. Indianapolis Diversified Machining, Inc. receives from AAR Aircraft Services, Indianapolis more than fifty percent (50%) of its work flow and supplies these goods and services back to AAR Aircraft Services, Indianapolis. Therefore, the term “source” in the Part 70 documents refers to the Indianapolis Airport Authority, AAR Aircraft Services, Indianapolis and Indianapolis Diversified Machining, Inc. as one source.

Separate Part 70 permits will be issued to Indianapolis Airport Authority with Permit No.: 097-21243-00156, AAR Aircraft Services, Indianapolis with Permit No.: 097-21245-00559 and Indianapolis Diversified Machining, Inc. with Permit No.: 097-21325-00560 solely for administrative purposes.

A.3 Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

(a) Five (5) service hangars with activities relating to the coating of aircraft parts identified as emissions unit EU-013, service hangars 1, 2, 3, 5 and 6 are used for routine and nonroutine maintenance, with paint booths using high volume, low pressure (HVLP) spray application systems. The table below summarizes the startup dates for each hangar:

Hangar	Date Operation Began
Hangar 1	March 27, 1994
Hangar 2	December 13, 1994
Hangar 3	February 15, 1995
Hangar 5	September 1, 1995
Hangar 6	December 13, 1996

A.4 Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) Four (4) Jet A fuel storage tanks of a capacity of 25,000 gallons or approximately 95 cubic meters, with potential VOC emissions of less than 3 pounds per hour and less than 10 tons per year located in the fuel farm on the east side of the maintenance facility. [326 IAC 12][40 CFR 60.110b, Subpart Kb]

(b) The following degreasing operations that do not individually exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 [326 IAC 8-3].

(1) Ten (10) parts cleaners located in Hangars 1, 2, 3, 5 or 6.

(c) The following grinding and machining operations located in Hangar 1, 2, 3, 5 or 6 and controlled with fabric filters, scrubbers, mist collectors, wet collectors, electrostatic precipitators, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations with uncontrolled potential to emit of less than five (5) pounds of PM-10 per hour and less than twenty five (25) pounds of PM-10 per day. [326 IAC 6-3]

(1) Seven (7) Grit Blast Cabinets.

(d) The following activities or categories not previously identified which have potential emissions less than significance thresholds listed under 326 IAC 2-7-1(21): [326 IAC 6-3]

(1) The following emission units located in Hangar 1, 2, 3, 5 or 6 with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year:
(A) Downdraft Benches
(B) ECB Booth
(C) Fugitives (Cleaning)
(D) Sanding Benches
(E) Touchup Booths

(e) Cleaners and solvents characterized as having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38°C (100°F) or having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20°C (68°F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months.

Cleaning operations include hand wiping and spray gun cleaning. These activities are located in Hangar 1, 2, 3, 5 and 6. Potential VOC emissions are less than 3 pounds per hour and potential HAP emissions are less than 1 ton per year. [40 CFR 63, Subpart GG][326 IAC 20]

A.5 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

(a) It is a major source, as defined in 326 IAC 2-7-1(22);

(b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION B GENERAL CONDITIONS

B.1 Definitions [326 IAC 2-7-1]

Terms in this permit shall have the definition assigned to such terms in the referenced regulation. In the absence of definitions in the referenced regulation, the applicable definitions found in the statutes or regulations (IC 13-11, 326 IAC 1-2 and 326 IAC 2-7) shall prevail.

B.2 Permit Term [326 IAC 2-7-5(2)] [326 IAC 2-1.1-9.5]

This permit is issued for a fixed term of five (5) years from the issuance date of this permit, as determined in accordance with IC 4-21.5-3-5(f) and IC 13-15-5-3. Subsequent revisions, modifications, or amendments of this permit do not affect the expiration date.

B.3 Enforceability [326 IAC 2-7-7]

(a) Unless otherwise stated, all terms and conditions in this permit, including any provisions designed to limit the source's potential to emit, are enforceable by IDEM, OES, the United States Environmental Protection Agency (U.S. EPA) and by citizens in accordance with the Clean Air Act.

(b) The Indianapolis Air Pollution Control Board (IAPCB) has adopted by reference state rules listed in Attachment A of this permit. The version adopted by reference includes all amendments, additions and repeals filed with the Secretary of State through August 10, 1997 and published in the Indiana Register on September 1, 1997, unless otherwise indicated in the adoption by reference or in Appendix A. For the purposes of this permit, all state rules adopted by reference by the IAPCB are enforceable by OES using local enforcement procedures. Unless otherwise stated, all terms and conditions in this permit that are local requirements, including any provisions designed to limit the source's potential to emit, are enforceable by OES.

B.4 Termination of Right to Operate [326 IAC 2-7-10] [326 IAC 2-7-4(a)]

The Permittee's right to operate this source terminates with the expiration of this permit unless a timely and complete renewal application is submitted at least nine (9) months prior to the date of expiration of the source’s existing permit, consistent with 326 IAC 2-7-3 and 326 IAC 2-7-4(a).

B.5 Severability [326 IAC 2-7-5(5)]

The provisions of this permit are severable; a determination that any portion of this permit is invalid shall not affect the validity of the remainder of the permit.

B.6 Property Rights or Exclusive Privilege [326 IAC 2-7-5(6)(D)]

This permit does not convey any property rights of any sort or any exclusive privilege.

B.7 Duty to Supplement and Provide Information [326 IAC 2-7-4(b)][326 IAC 2-7-5(6)(E)][326 IAC 2-7-6(6)]

(a) The Permittee, upon becoming aware that any relevant facts were omitted or incorrect information was submitted in the permit application, shall promptly submit such supplementary facts or corrected information to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

And

Office of Environmental Services
Air Quality Management Section, Permits

2700 South Belmont Avenue
Indianapolis, Indiana 46221

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall furnish to IDEM, OAQ, and OES within a reasonable time, any information that IDEM, OAQ, and OES may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating this permit, or to determine compliance with this permit. The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). Upon request, the Permittee shall also furnish to IDEM, OAQ, and OES copies of records required to be kept by this permit.

(c) For information furnished by the Permittee to IDEM, OAQ, or OES the Permittee may include a claim of confidentiality in accordance with 326 IAC 17.1. When furnishing copies of requested records directly to U. S. EPA, the Permittee may assert a claim of confidentiality in accordance with 40 CFR 2, Subpart B.

B.8 Compliance with Permit Conditions [326 IAC 2-7-5(6)(A)] [326 IAC 2-7-5(6)(B)]

(a) The Permittee must comply with all conditions of this permit. Noncompliance with any provision of this permit is grounds for:

(1) Enforcement action:

(2) Permit termination, revocation, reissuance, or modification; or

(3) Denial of a permit renewal application.

(b) Noncompliance with any provisions of this permit, except any provision specifically designated as not federally enforceable, constitutes a violation of the Clean Air Act.

(c) It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with conditions of this permit.

(d) An emergency does constitute an affirmative defense in an enforcement action provided the Permittee complies with the applicable requirements set forth in Section B, Emergency Provisions.

B.9 Certification [326 IAC 2-7-4(f)] [326 IAC 2-7-6(1)] [326 IAC 2-7-5(3)(C)]

(a) Where specifically designated by this permit or required by an applicable requirement, any application form, report, or compliance certification submitted shall contain certification by a responsible official of truth, accuracy, and completeness. This certification shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.

(b) One (1) certification shall be included, using the attached Certification Form, with each submittal requiring certification.

(c) A responsible official is defined at 326 IAC 2-7-1(34).

B.10 Annual Compliance Certification [326 IAC 2-7-6(5)]

(a) The Permittee shall annually submit a compliance certification report which addresses the

status of the source's compliance with the terms and conditions contained in this permit, including emission limitations, standards, or work practices. The initial certification shall cover the time period from the date of final permit issuance through December 31 of the same year. All subsequent certifications shall cover the time period from January 1 to December 31 of the previous year, and shall be submitted in letter form no later than April 15 of each year to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Air Enforcement Branch - Indiana (AE-17J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

(b) The annual compliance certification report required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.

(c) The annual compliance certification report shall include the following:

(1) The appropriate identification of each term or condition of this permit that is the basis of the certification;

(2) The compliance status;

(3) Whether compliance was continuous or intermittent;

(4) The methods used for determining the compliance status of the source, currently and over the reporting period consistent with 326 IAC 2-7-5(3); and

(5) Such other facts, as specified in Sections D of this permit, as IDEM, OAQ, and OES may require to determine the compliance status of the source.

The submittal by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

B.11 Preventive Maintenance Plan [326 IAC 2-7-5(1),(3) and (13)] [326 IAC 2-7-6(1) and (6)] [326 IAC 1-6-3]

(a) If required by specific conditions in Section D of this permit, the Permittee shall prepare and maintain Preventive Maintenance Plans (PMPs) within ninety (90) days after issuance of this permit, including the following information on each facility:

(1) Identification of the individual(s) responsible for inspecting, maintaining, and

repairing emission control devices;

(2) A description of the items or conditions that will be inspected and the inspection schedule for said items or conditions; and

(3) Identification and quantification of the replacement parts that will be maintained in inventory for quick replacement.

If, due to circumstances beyond the Permittee's control, the PMPs cannot be prepared and maintained within the above time frame, the Permittee may extend the date an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The PMP extension notification does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall implement the PMPs as necessary to ensure that failure to implement a PMP does not cause or contribute to a violation of any limitation on emissions or potential to emit.

(c) A copy of the PMPs shall be submitted to IDEM, OAQ, and OES upon request and within a reasonable time, and shall be subject to review and approval by IDEM, OAQ, and OES. IDEM, OAQ, and OES may require the Permittee to revise its PMPs whenever lack of proper maintenance causes or contributes to any violation. The PMP does not require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(d) Records of preventive maintenance shall be retained for a period of at least five (5) years. These records shall be kept at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the IDEM Commissioner or OES Administrator makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or Administrator within a reasonable time.

B.12 Emergency Provisions [326 IAC 2-7-16]

(a) An emergency, as defined in 326 IAC 2-7-1(12), is not an affirmative defense for an action brought for noncompliance with a federal or state health-based emission limitation.

(b) An emergency, as defined in 326 IAC 2-7-1(12), constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limitation if the affirmative defense of an emergency is demonstrated through properly signed, contemporaneous operating logs or other relevant evidence that describe the following:

(1) An emergency occurred and the Permittee can, to the extent possible, identify the causes of the emergency;

(2) The permitted facility was at the time being properly operated;

(3) During the period of an emergency, the Permittee took all reasonable steps to minimize levels of emissions that exceeded the emission standards or other requirements in this permit;

(4) For each emergency lasting one (1) hour or more, the Permittee notified IDEM, OAQ, and OES within four (4) daytime business hours after the beginning of the emergency, or after the emergency was discovered or reasonably should have been discovered;

Telephone Number: 1-800-451-6027 (ask for IDEM, OAQ, Compliance Section), or:
Telephone Number: 317-233-5674 (ask for IDEM, OAQ, Compliance Section)
Facsimile Number: 317-233-5967;

and

Telephone Number: 317-327-2234 (ask for OES, Air Compliance)
Facsimile Number: 317-327-2274.

(5) For each emergency lasting one (1) hour or more, the Permittee submitted the attached Emergency Occurrence Report Form or its equivalent, either by mail or facsimile to:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

within two (2) working days of the time when emission limitations were exceeded due to the emergency.

The notice fulfills the requirement of 326 IAC 2-7-5(3)(C)(ii) and must contain the following:

(A) A description of the emergency;

(B) Any steps taken to mitigate the emissions; and

(C) Corrective actions taken.

The notification which shall be submitted by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(6) The Permittee immediately took all reasonable steps to correct the emergency.

(c) In any enforcement proceeding, the Permittee seeking to establish the occurrence of an emergency has the burden of proof.

(d) This emergency provision supersedes 326 IAC 1-6 (Malfunctions). This permit condition is in addition to any emergency or upset provision contained in any applicable

requirement.

(e) IDEM, OAQ, and OES may require that the Preventive Maintenance Plans required under 326 IAC 2-7-4(c)(9) be revised in response to an emergency.

(f) Failure to notify IDEM, OAQ, and OES by telephone or facsimile of an emergency lasting more than one (1) hour in accordance with (b)(4) and (5) of this condition shall constitute a violation of 326 IAC 2-7 and any other applicable rules.

(g) If the emergency situation causes a deviation from a technology-based limit, the Permittee may continue to operate the affected emitting facilities during the emergency provided the Permittee immediately takes all reasonable steps to correct the emergency and minimize emissions.

(h) The Permittee shall include all emergencies in the Quarterly Deviation and Compliance Monitoring Report.

B.13 Permit Shield [326 IAC 2-7-15] [326 IAC 2-7-20] [326 IAC 2-7-12]

(a) Pursuant to 326 IAC 2-7-15, the Permittee has been granted a permit shield. The permit shield provides that compliance with the conditions of this permit shall be deemed in compliance with any applicable requirements as of the date of permit issuance, provided that either the applicable requirements are included and specifically identified in this permit or the permit contains an explicit determination or concise summary of a determination that other specifically identified requirements are not applicable. The Indiana statutes from IC 13 and rules from 326 IAC, referenced in conditions in this permit, are those applicable at the time the permit was issued. The issuance or possession of this permit shall not alone constitute a defense against an alleged violation of any law, regulation or standard, except for the requirement to obtain a Part 70 permit under 326 IAC 2-7 or for applicable requirements for which a permit shield has been granted.

This permit shield does not extend to applicable requirements which are promulgated after the date of issuance of this permit unless this permit has been modified to reflect such new requirements.

(b) In addition to the nonapplicability determinations set forth in Sections D of this permit, the IDEM, OAQ has made the following determination regarding this source:

(1) All references to Boiler 1 as being a 10.24 MMBtu/hr boiler were revised to refer to this emission unit as a 12.6 MMBtu/hr boiler. All emission calculations will reflect this revised capacity.

(2) All references to Boiler 2 as being a 20.49 MMBtu/hr boiler were revised to refer to this emission unit as a 25.2 MMBtu/hr boiler. All emission calculations will reflect this revised capacity.

(3) All references to boilers 3 and 4 (Emission Units 3 and 4) as being a 106 MMBtu/hr boilers were revised to refer to these emission unit as a 122 MMBtu/hr boilers. All emission calculations will reflect this revised capacity.

(4) Condition 15f of 096-00156-01 was amended to specify that small aerosol spray paint cans are not included.

(5) All references to 326 IAC 2-1 from previous construction permits were amended to refer to 326 IAC 2-1.1

(6) The requirement from condition 9 of 096-00156-01, issued November 25, 1996, listing requirements pursuant to 326 IAC 6-1-2(b)(4) and pursuant to 326 IAC 6-1-

2(b)(5) are not applicable since the actual PM emissions do not exceed 10 tons per year and potential PM emissions do not exceed 100 tons per year. IDEM, OAQ and OES have determined that there was an error in rule applicability in the previous construction permit.

(7) The requirement from condition 13 of 096-00156-01, issued November 25, 1996, listing requirements to estimate the Jet A fuel equivalence in cubic feet of natural gas in order to stay below SO_2 emission limitations, and to keep records of this usage is not necessary because equivalent natural gas usage greatly exceeds source wide potential natural gas usage.

(c) If, after issuance of this permit, it is determined that the permit is in nonconformance with an applicable requirement that applied to the source on the date of permit issuance, IDEM, OAQ, and OES shall immediately take steps to reopen and revise this permit and issue a compliance order to the Permittee to ensure expeditious compliance with the applicable requirement until the permit is reissued. The permit shield shall continue in effect so long as the Permittee is in compliance with the compliance order.

(d) No permit shield shall apply to any permit term or condition that is determined after issuance of this permit to have been based on erroneous information supplied in the permit application. Erroneous information means information that the Permittee knew to be false, or in the exercise of reasonable care should have been known to be false, at the time the information was submitted.

(e) Nothing in 326 IAC 2-7-15 or in this permit shall alter or affect the following:

(1) The provisions of Section 303 of the Clean Air Act (emergency orders), including the authority of the U.S. EPA under Section 303 of the Clean Air Act;

(2) The liability of the Permittee for any violation of applicable requirements prior to or at the time of this permit's issuance;

(3) The applicable requirements of the acid rain program, consistent with Section 408(a) of the Clean Air Act; and

(4) The ability of U.S. EPA to obtain information from the Permittee under Section 114 of the Clean Air Act.

(f) This permit shield is not applicable to any change made under 326 IAC 2-7-20(b)(2) (Sections 502(b)(10) of the Clean Air Act changes) and 326 IAC 2-7-20(c)(2) (trading based on State Implementation Plan (SIP) provisions).

(g) This permit shield is not applicable to modifications eligible for group processing until after IDEM, OAQ, or OES has issued the modifications. [326 IAC 2-7-12(c)(7)]

(h) This permit shield is not applicable to minor Part 70 permit modifications until after IDEM, OAQ, or OES has issued the modification. [326 IAC 2-7-12(b)(8)]

B.14 Prior Permits Superseded [326 IAC 2-1.1-9.5]

(a) All terms and conditions of permits issued pursuant to permitting programs approved into the state implementation plan have been either:

(1) incorporated as originally stated,

(2) revised, or

(3) deleted

by this permit.

(b) All previous registrations and permits are superseded by this permit.

B.15 Deviations from Permit Requirements and Conditions [326 IAC 2-7-5(3)(C)(ii)]

(a) Deviations from any permit requirements (for emergencies see Section B - Emergency Provisions), the probable cause of such deviations, and any response steps or preventive measures taken shall be reported to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

using the attached Quarterly Deviation and Compliance Monitoring Report, or its equivalent. A deviation required to be reported pursuant to an applicable requirement that exists independent of this permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report.

The Quarterly Deviation and Compliance Monitoring Report does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(b) A deviation is an exceedance of a permit limitation or a failure to comply with a requirement of the permit.

B.16 Permit Modification, Reopening, Revocation and Reissuance, or Termination [326 IAC 2-7-5(6)(C)] [326 IAC 2-7-8(a)] [326 IAC 2-7-9]

(a) This permit may be modified, reopened, revoked and reissued, or terminated for cause. The filing of a request by the Permittee for a Part 70 permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any condition of this permit. [326 IAC 2-7-5(6)(C)] The notification by the Permittee does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(b) This permit shall be reopened and revised under any of the circumstances listed in IC 13-15-7-2 or if IDEM, OAQ, or OES determines any of the following:

(1) That this permit contains a material mistake.

(2) That inaccurate statements were made in establishing the emissions standards or other terms or conditions.

(3) That this permit must be revised or revoked to assure compliance with an applicable requirement. [326 IAC 2-7-9(a)(3)]

(c) Proceedings by IDEM, OAQ, or OES to reopen and revise this permit shall follow the same procedures as apply to initial permit issuance and shall affect only those parts of this permit for which cause to reopen exists. Such reopening and revision shall be made

as expeditiously as practicable. [326 IAC 2-7-9(b)]

(d) The reopening and revision of this permit, under 326 IAC 2-7-9(a), shall not be initiated before notice of such intent is provided to the Permittee by IDEM, OAQ, or OES at least thirty (30) days in advance of the date this permit is to be reopened, except that IDEM, OAQ, or OES may provide a shorter time period in the case of an emergency. [326 IAC 2-7-9(c)]

B.17 Permit Renewal [326 IAC 2-7-4]

(a) The application for renewal shall be submitted using the application form or forms prescribed by IDEM, OAQ, and OES and shall include the information specified in 326 IAC 2-7-4. Such information shall be included in the application for each emission unit at this source, except those emission units included on the trivial or insignificant activities list contained in 326 IAC 2-7-1(21) and 326 IAC 2-7-1(40). The renewal application does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Request for renewal shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Permits
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

(b) Timely Submittal of Permit Renewal [326 IAC 2-7-4(a)(1)(D)]

(1) A timely renewal application is one that is:

(A) Submitted at least nine (9) months prior to the date of the expiration of this permit; and

(B) If the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.

(2) If IDEM , OAQ and OES, upon receiving a timely and complete permit application, fails to issue or deny the permit renewal prior to the expiration date of this permit, this existing permit shall not expire and all terms and conditions shall continue in effect, including any permit shield provided in 326 IAC 2-7-15, until the renewal permit has been issued or denied.

(c) Right to Operate After Application for Renewal [326 IAC 2-7-3]
If the Permittee submits a timely and complete application for renewal of this permit, the source's failure to have a permit is not a violation of 326 IAC 2-7 until IDEM, OAQ, and OES, takes final action on the renewal application, except that this protection shall cease to apply if, subsequent to the completeness determination, the Permittee fails to submit by the deadline specified in writing by IDEM, OAQ, and OES, any additional information identified as being needed to process the application.

(d) United States Environmental Protection Agency Authority [326 IAC 2-7-8(e)

If IDEM, OAQ and OES fails to act in a timely way on a Part 70 permit renewal, the U.S.EPA may invoke its authority under Section 505(e) of the Clean Air Act to terminate or revoke and reissue a Part 70 permit.

B.18 Permit Amendment or Modification [326 IAC 2-7-11] [326 IAC 2-7-12]

(a) Permit amendments and modifications are governed by the requirements of 326 IAC 2-7-11 or 326 IAC 2-7-12 whenever the Permittee seeks to amend or modify this permit.

(b) Any application requesting an amendment or modification of this permit shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Permits
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

Any such application shall be certified by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.19 Permit Revision Under Economic Incentives and Other Programs [326 IAC 2-7-5(8)] [326 IAC 2-7-12 (b)(2)]

(a) No Part 70 permit revision shall be required under any approved economic incentives, marketable Part 70 permits, emissions trading, and other similar programs or processes for changes that are provided for in a Part 70 permit.

(b) Notwithstanding 326 IAC 2-7-12(b)(1) and 326 IAC 2-7-12(c)(1), minor Part 70 permit modification procedures may be used for Part 70 modifications involving the use of economic incentives, marketable Part 70 permits, emissions trading, and other similar approaches to the extent that such minor Part 70 permit modification procedures are explicitly provided for in the applicable State Implementation Plan (SIP) or in applicable requirements promulgated or approved by the U.S. EPA.

B.20 Operational Flexibility [326 IAC 2-7-20] [326 IAC 2-7-10.5]

(a) The Permittee may make any change or changes at the source that are described in 326 IAC 2-7-20(b), (c), or (e), without a prior permit revision, if each of the following conditions is met:

(1) The changes are not modifications under any provision of Title I of the Clean Air Act;

(2) Any preconstruction approval required by 326 IAC 2-7-10.5 has been obtained;

(3) The changes do not result in emissions which exceed the emissions allowable

under this permit (whether expressed herein as a rate of emissions or in terms of total emissions);

(4) The Permittee notifies the:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Permits
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

and

United States Environmental Protection Agency, Region V
Air and Radiation Division, Regulation Development Branch - Indiana (AR-18J)
77 West Jackson Boulevard
Chicago, Illinois 60604-3590

in advance of the change by written notification at least ten (10) days in advance of the proposed change. The Permittee shall attach every such notice to the Permittee's copy of this permit; and

(5) The Permittee maintains records on-site which document, on a rolling five (5) year basis, all such changes and emissions trading that are subject to 326 IAC 2-7-20(b), (c), or (e) and makes such records available, upon reasonable request, for public review.

Such records shall consist of all information required to be submitted to IDEM, OAQ, and OES in the notices specified in 326 IAC 2-7-20(b)(1), (c)(1), and (e)(2).

(b) The Permittee may make Section 502(b)(10) of the Clean Air Act changes (this term is defined at 326 IAC 2-7-1(36)) without a permit revision, subject to the constraint of 326 IAC 2-7-20(a). For each such Section 502(b)(10) of the Clean Air Act change, the required written notification shall include the following:

(1) A brief description of the change within the source;

(2) The date on which the change will occur;

(3) Any change in emissions; and

(4) Any permit term or condition that is no longer applicable as a result of the change.

The notification which shall be submitted is not considered an application form, report or compliance certification. Therefore, the notification by the Permittee does not require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(c) Emission Trades [326 IAC 2-7-20(c)]
The Permittee may trade increases and decreases in emissions in the source, where the applicable SIP provides for such emission trades without requiring a permit revision, subject to the constraints of Section (a) of this condition and those in 326 IAC 2-7-20(c).

(d) Alternative Operating Scenarios [326 IAC 2-7-20(d)]
The Permittee may make changes at the source within the range of alternative operating scenarios that are described in the terms and conditions of this permit in accordance with 326 IAC 2-7-5(9). No prior notification of IDEM, OAQ, or U.S. EPA is required.

B.21 Source Modification Requirement [326 IAC 2-7-10.5]

A modification, construction, or reconstruction is governed by the requirements of 326 IAC 2 and 326 IAC 2-7-10.5.

B.22 Inspection and Entry [326 IAC 2-7-6] [IC 13-14-2-2]

Upon presentation of proper identification cards, credentials, and other documents as may be required by law, and subject to the Permittee's right under all applicable laws and regulations to assert that the information collected by the agency is confidential and entitled to be treated as such, the Permittee shall allow IDEM, OAQ, and OES U.S. EPA, or an authorized representative to perform the following:

(a) Enter upon the Permittee's premises where a Part 70 source is located, or emissions related activity is conducted, or where records must be kept under the conditions of this permit;

(b) Have access to and copy any records that must be kept under the conditions of this permit;

(c) Inspect any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit;

(d) Sample or monitor substances or parameters for the purpose of assuring compliance with this permit or applicable requirements; and

(e) Utilize any photographic, recording, testing, monitoring, or other equipment for the purpose of assuring compliance with this permit or applicable requirements.

B.23 Transfer of Ownership or Operational Control [326 IAC 2-7-11]

(a) The Permittee must comply with the requirements of 326 IAC 2-7-11 whenever the Permittee seeks to change the ownership or operational control of the source and no other change in the permit is necessary.

(b) Any application requesting a change in the ownership or operational control of the source shall contain a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new Permittee. The application shall be submitted to:

Indiana Department of Environmental Management
Permits Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Permits
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The application which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) The Permittee may implement administrative amendment changes addressed in the request for an administrative amendment immediately upon submittal of the request. [326 IAC 2-7-11(c)(3)]

B.24 Annual Fee Payment [326 IAC 2-7-19] [326 IAC 2-7-5(7)][326 IAC 2-1.1-7]

(a) The Permittee shall pay annual fees to IDEM, OAQ, and OES within thirty (30) calendar days of receipt of a billing. Pursuant to 326 IAC 2-7-19(b), if the Permittee does not receive a bill from IDEM, OAQ, or OES, the applicable fee is due April 1 of each year.

(a) Except as provided in 326 IAC 2-7-19(e), failure to pay may result in administrative enforcement action or revocation of this permit.

(c) The Permittee may call the following telephone numbers: 1-800-451-6027 or 317-233-4230 (ask for OAQ, Billing, Licencing, and Training Section), to determine the appropriate permit fee.

SECTION C **SOURCE OPERATION CONDITIONS**

Entire Source

Emission Limitations and Standards [326 IAC 2-7-5(1)]

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour.

C.2 Opacity [326 IAC 5-1]

Pursuant to 326 IAC 5-1-2 (Opacity Limitations), except as provided in 326 IAC 5-1-3 (Temporary Alternative Opacity Limitations), opacity shall meet the following, unless otherwise stated in this permit:

(a) Opacity shall not exceed an average of thirty percent (30%) in any one (1) six (6) minute averaging period as determined in 326 IAC 5-1-4.

(b) Opacity shall not exceed sixty percent (60%) for more than a cumulative total of fifteen (15) minutes (sixty (60) readings as measured according to 40 CFR 60, Appendix A, Method 9 or fifteen (15) one (1) minute nonoverlapping integrated averages for a continuous opacity monitor) in a six (6) hour period.

C.3 Open Burning [326 IAC 4-1] [IC 13-17-9]

The Permittee shall not open burn any material except as provided in 326 IAC 4-1-3, 326 IAC 4-1-4 or 326 IAC 4-1-6. The previous sentence notwithstanding, the Permittee may open burn in accordance with an open burning approval issued by the Commissioner under 326 IAC 4-1-4.1. 326 IAC 4-1-3 (a)(2)(A) and (B) are not federally enforceable.

C.4 Incineration [326 IAC 4-2] [326 IAC 9-1-2]

The Permittee shall not operate an incinerator or incinerate any waste or refuse except as provided in 326 IAC 4-2 and 326 IAC 9-1-2. 326 IAC 9-1-2 is not federally enforceable.

C.5 Fugitive Dust Emissions [326 IAC 6-4]

The Permittee shall not allow fugitive dust to escape beyond the property line or boundaries of the property, right-of-way, or easement on which the source is located, in a manner that would violate 326 IAC 6-4 (Fugitive Dust Emissions). 326 IAC 6-4-2(4) is not federally enforceable.

C.6 Operation of Equipment [326 IAC 2-7-6(6)]

Except as otherwise provided by statute or rule, or in this permit, all air pollution control equipment listed in this permit and used to comply with an applicable requirement shall be operated at all times that the emission unit(s) vented to the control equipment are in operation.

C.7 Stack Height [326 IAC 1-7]

The Permittee shall comply with the applicable provisions of 326 IAC 1-7 (Stack Height Provisions), for all exhaust stacks through which a potential (before controls) of twenty-five (25) tons per year or more of particulate matter or sulfur dioxide is emitted. The provisions of 326 IAC 1-7-2, 326 IAC 1-7-3(c) and (d), 326 IAC 1-7-4(d)(e)&(f), and 326 IAC 1-7-5(d) are not federally enforceable.

C.8 Asbestos Abatement Projects [326 IAC 14-10] [326 IAC 18] [40 CFR 61, Subpart M]

(a) Notification requirements apply to each owner or operator. If the combined amount of regulated asbestos containing material (RACM) to be stripped, removed or disturbed is at least 260 linear feet on pipes or 160 square feet on other facility components, or at least thirty-five (35) cubic feet on all facility components, then the notification requirements of 326 IAC 14-10-3 are mandatory. All demolition projects require notification whether or not asbestos is present.

(b) The Permittee shall ensure that a written notification is sent on a form provided by the Commissioner at least ten (10) working days before asbestos stripping or removal work or before demolition begins, per 326 IAC 14-10-3, and shall update such notice as necessary, including, but not limited to the following:

(1) When the amount of affected asbestos containing material increases or decreases by at least twenty percent (20%); or

(2) If there is a change in the following:

(A) Asbestos removal or demolition start date;

(B) Removal or demolition contractor; or

(C) Waste disposal site.

(c) The Permittee shall ensure that the notice is postmarked or delivered according to the guidelines set forth in 326 IAC 14-10-3(2).

(d) The notice to be submitted shall include the information enumerated in 326 IAC 14-10-3(3).

All required notifications shall be submitted to:

Indiana Department of Environmental Management
Asbestos Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Asbestos Section
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The notice shall include a signed certification from the owner or operator that the information provided in this notification is correct and that only Indiana licensed workers and project supervisors will be used to implement the asbestos removal project. The notifications do not require a certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) Procedures for Asbestos Emission Control
The Permittee shall comply with the applicable emission control procedures in 326 IAC 14-10-4 and 40 CFR 61.145(c). Per 326 IAC 14-10-1, emission control requirements are applicable for any removal or disturbance of RACM greater than three (3) linear feet on pipes or three (3) square feet on any other facility components or a total of at least 0.75 cubic feet on all facility components.

(f) Indiana Accredited Asbestos Inspector

The Permittee shall comply with 326 IAC 14-10-1(a) that requires the owner or operator, prior to a renovation/demolition, to use an Indiana Accredited Asbestos Inspector to thoroughly inspect the affected portion of the facility for the presence of asbestos. The requirement to use an Indiana Accredited Asbestos inspector is not federally enforceable.

Testing Requirements [326 IAC 2-7-6(1)]

C.9 Performance Testing [326 IAC 3-6]

(a) All testing shall be performed according to the provisions of 326 IAC 3-6 (Source Sampling Procedures), except as provided elsewhere in this permit, utilizing any applicable procedures and analysis methods specified in 40 CFR 51, 40 CFR 60, 40 CFR 61, 40 CFR 63, 40 CFR 75, or other procedures approved by IDEM, OAQ.

A test protocol, except as provided elsewhere in this permit, shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

no later than thirty-five (35) days prior to the intended test date. The protocol submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The Permittee shall notify IDEM, OAQ, and OES of the actual test date at least fourteen (14) days prior to the actual test date. The notification submitted by the Permittee does not require certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(c) Pursuant to 326 IAC 3-6-4(b), all test reports must be received by IDEM, OAQ, and OES not later than forty-five (45) days after the completion of the testing. An extension may be granted by IDEM, OAQ, and OES if the Permittee submits to IDEM, OAQ, and OES a reasonable written explanation not later than five (5) days prior to the end of the initial forty-five (45) day period.

Compliance Requirements [326 IAC 2-1.1-11]

C.10 Compliance Requirements [326 IAC 2-1.1-11]

The commissioner may require stack testing, monitoring, or reporting at any time to assure compliance with all applicable requirements by issuing an order under 326 IAC 2-1.1-11. Any monitoring or testing shall be performed in accordance with 326 IAC 3 or other methods approved by the commissioner or the U. S. EPA.

Compliance Monitoring Requirements [326 IAC 2-7-5(1)] [326 IAC 2-7-6(1)]

C.11 Compliance Monitoring [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

Unless otherwise specified in this permit, all monitoring and record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance. If required by Section D, the Permittee shall be responsible for installing any necessary equipment and initiating any required monitoring related to that equipment. If due to circumstances beyond

its control, that equipment cannot be installed and operated within ninety (90) days, the Permittee may extend the compliance schedule related to the equipment for an additional ninety (90) days provided the Permittee notifies:

Indiana Department of Environmental Management
Compliance Branch, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

in writing, prior to the end of the initial ninety (90) day compliance schedule, with full justification of the reasons for the inability to meet this date.

The notification which shall be submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Unless otherwise specified in the approval for the new emission unit(s), compliance monitoring for new emission units or emission units added through a source modification shall be implemented when operation begins.

C.12 Maintenance of Emission Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous emission monitoring systems (CEMS) and related equipment. In addition, prompt corrective action shall be initiated whenever indicated.

(b) In the event that a breakdown of a continuous emission monitoring system occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.

(c) Nothing in this permit shall excuse the Permittee from complying with the requirements to operate a continuous emission monitoring system pursuant to 40 CFR 60, Subpart Db.

C.13 Maintenance of Opacity Monitoring Equipment [326 IAC 2-7-5(3)(A)(iii)]

(a) The Permittee shall install, calibrate, maintain, and operate all necessary continuous opacity monitoring systems (COMS) and related equipment.

(b) In the event that a breakdown of a continuous opacity monitoring system occurs, a record shall be made of the times and reasons of the breakdown and efforts made to correct the problem.

(c) Whenever a continuous opacity monitor (COM) is malfunctioning or will be down for calibration, maintenance, or repairs for a period of four (4) hours or more, a calibrated backup COM shall be brought on line within four (4) hours of shutdown of the primary COM, if possible. If this is not possible, visible emission readings shall be performed in accordance with 40 CFR 60, Appendix A, Method 9, for a minimum of one (1) hour beginning four (4) hours after the start of the malfunction or down time.

(1) If the reading period begins less than one hour before sunset, readings shall be performed until sunset. If the first required reading period would occur between sunset and sunrise, the first reading shall be performed as soon as there is

sufficient daylight.

(2) Method 9 opacity readings shall be repeated for a minimum of one (1) hour at least once every four (4) hours during daylight operations, until such time that the continuous opacity monitor is back in operation. observations within four hours of the second abnormal notation.

(3) All of the opacity readings during this period shall be reported in the Quarterly Deviation and Compliance Monitoring Reports.

(d) Nothing in this condition or in Section D of the permit, shall excuse the Permittee from complying with the requirements to operate a continuous opacity monitoring system pursuant to 326 IAC 3-5, and 40 CFR 63, Subpart D.

C.14 Monitoring Methods [326 IAC 3] [40 CFR 60] [40 CFR 63]

Any monitoring or testing required by Section D of this permit shall be performed according to the provisions of 326 IAC 3, 40 CFR 60, Appendix A, 40 CFR 60 Appendix B, 40 CFR 63, or other approved methods as specified in this permit.

C.15 Pressure Gauge and Other Instrument Specifications [326 IAC 2-1.1-11] [326 IAC 2-7-5(3)] [326 IAC 2-7-6(1)]

(a) Whenever a condition in this permit requires the measurement of pressure drop across any part of the unit or its control device, the gauge employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (2%) of full scale reading.

(b) Whenever a condition in this permit requires the measurement of a temperature, flow rate, or pH level, the instrument employed shall have a scale such that the expected normal reading shall be no less than twenty percent (20%) of full scale and be accurate within plus or minus two percent (2%) of full scale reading.

(c) The Preventive Maintenance Plan for the pH meter shall include calibration using known standards. The frequency of calibration shall be adjusted such that the typical error found at calibration is less than one pH point.

(d) The Permittee may request the IDEM, OAQ, and OES to approve the use of a pressure gauge or other instrument that does not meet the above specifications provided the Permittee can demonstrate an alternative pressure gauge or other instrument specification will adequately ensure compliance with permit conditions requiring the measurement of pressure drop or other parameters.

Corrective Actions and Response Steps [326 IAC 2-7-5] [326 IAC 2-7-6]

C.16 Emergency Reduction Plans [326 IAC 1-5-2] [326 IAC 1-5-3]

Pursuant to 326 IAC 1-5-2 (Emergency Reduction Plans; Submission):

(a) The Permittee prepared and submitted written emergency reduction plans (ERPs) consistent with safe operating procedures on November 27, 1996.

(b) If the ERP is disapproved by IDEM, OAQ, and OES, the Permittee shall have an additional thirty (30) days to resolve the differences and submit an approvable ERP.

(c) Upon direct notification by IDEM, OAQ, and OES, that a specific air pollution episode level is in effect, the Permittee shall immediately put into effect the actions stipulated in the approved ERP for the appropriate episode level.
[326 IAC 1-5-3]

C.17 Risk Management Plan [326 IAC 2-7-5(12)] [40 CFR 68.215]

If a regulated substance, as defined in 40 CFR 68, is present at a source in more than a threshold quantity, 40 CFR 68 is an applicable requirement and the Permittee shall submit:

(a) A compliance schedule for meeting the requirements of 40 CFR 68; or

(b) As a part of the annual compliance certification submitted under 326 IAC 2-7-6(5), a certification statement that the source is in compliance with all the requirements of 40 CFR 68, including the registration and submission of a Risk Management Plan (RMP); and

(c) A Risk Management Plan was prepared as required by 40 CFR 68 and submitted to IDEM, OAQ and OES.

All documents submitted pursuant to this condition shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

C.18 Compliance Response Plan - Preparation, Implementation, Records, and Reports [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) The Permittee is required to prepare a Compliance Response Plan (CRP) for each compliance monitoring condition of this permit. A CRP shall be submitted to IDEM, OAQ and OES upon request. The CRP shall be prepared within ninety (90) days after issuance of this permit by the Permittee, supplemented from time to time by the Permittee, maintained on site, and comprised of:

(1) Reasonable response steps that may be implemented in the event that a response step is needed pursuant to the requirements of Section D of this permit; and an expected timeframe for taking reasonable response steps.

(2) If, at any time, the Permittee takes reasonable response steps that are not set forth in the Permittee's current Compliance Response Plan and the Permittee documents such response in accordance with subsection (e) below, the Permittee shall amend its Compliance Response Plan to include such response steps taken.

(b) For each compliance monitoring condition of this permit, reasonable response steps shall be taken when indicated by the provisions of that compliance monitoring condition as follows:

(1) Reasonable response steps shall be taken as set forth in the Permittee's current Compliance Response Plan; or

(2) If none of the reasonable response steps listed in the Compliance Response Plan is applicable or responsive to the excursion, the Permittee shall devise and implement additional response steps as expeditiously as practical. Taking such additional response steps shall not be considered a deviation from this permit so long as the Permittee documents such response steps in accordance with this condition.

(3) If the Permittee determines that additional response steps would necessitate that the emissions unit or control device be shut down, the Permittee shall promptly notify the IDEM, OAQ of the expected date of the shut down, the status of the applicable compliance monitoring parameter with respect to normal, and the results of the actions taken up to the time of notification.

(4) Failure to take reasonable response steps shall be considered a deviation from

the permit.

(c) The Permittee is not required to take any further response steps for any of the following reasons:

(1) A false reading occurs due to the malfunction of the monitoring equipment and prompt action was taken to correct the monitoring equipment.

(2) The Permittee has determined that the compliance monitoring parameters established in the permit conditions are technically inappropriate, has previously submitted a request for a minor permit modification to the permit, and such request has not been denied.

(3) An automatic measurement was taken when the process was not operating.

(4) The process has already returned or is returning to operating within "normal" parameters and no response steps are required.

(d) When implementing reasonable steps in response to a compliance monitoring condition, if the Permittee determines that an exceedance of an emission limitation has occurred, the Permittee shall report such deviations pursuant to Section B-Deviations from Permit Requirements and Conditions.

(e) The Permittee shall record all instances when response steps are taken. In the event of an emergency, the provisions of 326 IAC 2-7-16 (Emergency Provisions) requiring prompt corrective action to mitigate emissions shall prevail.

(f) Except as otherwise provided by a rule or provided specifically in Section D, all monitoring as required in Section D shall be performed when the emission unit is operating, except for time necessary to perform quality assurance and maintenance activities.

C.19 Actions Related to Noncompliance Demonstrated by a Stack Test [326 IAC 2-7-5] [326 IAC 2-7-6]

(a) When the results of a stack test performed in conformance with Section C - Performance Testing, of this permit exceed the level specified in any condition of this permit, the Permittee shall take appropriate response actions. The Permittee shall submit a description of these response actions to IDEM, OAQ, and OES within thirty (30) days of receipt of the test results. The Permittee shall take appropriate action to minimize excess emissions from the affected facility while the response actions are being implemented.

(b) A retest to demonstrate compliance shall be performed within one hundred twenty (120) days of receipt of the original test results. Should the Permittee demonstrate to IDEM, OAQ, and OES that retesting in one-hundred and twenty (120) days is not practicable, IDEM, OAQ, and OES may extend the retesting deadline.

(c) IDEM, OAQ, and OES reserve the authority to take any actions allowed under law in response to noncompliant stack tests.

The documents submitted pursuant to this condition do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

C.20 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)][326 IAC 2-6]

(a) Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar

year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6-4(a);

(2) Indicate estimated actual emissions of regulated pollutants (as defined by 326 IAC 2-7-1(32)) ("Regulated pollutant which is used only for purposes of Section 19 of this rule") from the source, for purposes of Part 70 fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

and

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The emission statement does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.

C.21 General Record Keeping Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-6]

(a) Records of all required data, reports and support information shall be retained for a period of at least five (5) years from the date of monitoring sample, measurement, report, or application. These records shall be physically present or electronically accessible at the source location for a minimum of three (3) years. The records may be stored elsewhere for the remaining two (2) years as long as they are available upon request. If the Commissioner or the OES Administrator makes a request for records to the Permittee, the Permittee shall furnish the records to the Commissioner or the OES Administrator within a reasonable time.

(b) Unless otherwise specified in this permit, all record keeping requirements not already legally required shall be implemented within ninety (90) days of permit issuance.

C.22 General Reporting Requirements [326 IAC 2-7-5(3)(C)] [326 IAC 2-1.1-11]

(a) The Permittee shall submit the attached Quarterly Deviation and Compliance Monitoring Report or its equivalent. Any deviation from permit requirements, the date(s) of each deviation, the cause of the deviation, and the response steps taken must be reported. This report shall be submitted within thirty (30) days of the end of the reporting period. The Quarterly Deviation and Compliance Monitoring Report shall include the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(b) The report required in (a) of this condition and reports required by conditions in Section D of this permit shall be submitted to:

Indiana Department of Environmental Management
Compliance Data Section, Office of Air Quality
100 North Senate Avenue
Indianapolis, Indiana 46204

And

Indianapolis OES
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

(c) Unless otherwise specified in this permit, any notice, report, or other submission required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, on or before the date it is due.

(d) Unless otherwise specified in this permit, all reports required in Section D of this permit shall be submitted within thirty (30) days of the end of the reporting period. All reports do require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

(e) The first report shall cover the period commencing on the date of issuance of this permit and ending on the last day of the reporting period. Reporting periods are based on calendar years, unless otherwise specified in an applicable rule.

Stratospheric Ozone Protection

C.23 Compliance with 40 CFR 82 and 326 IAC 22-1

Pursuant to 40 CFR 82 (Protection of Stratospheric Ozone), Subpart F, except as provided for motor vehicle air conditioners in Subpart B, the Permittee shall comply with the standards for recycling and emissions reduction:

(a) Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to 40 CFR 82.156.

(b) Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to 40 CFR 82.158.

(c) Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:

(a) Five (5) service hangars with activities relating to the coating of aircraft parts identified as missions unit EU-013, service hangars 1, 2, 3, 5 and 6 are used for routine and non routine maintenance, with paint booths using high volume, low pressure (HVLP) spray application systems. The table below summarizes the startup dates for each hangar:

Hangar	Date Operation Began
Hangar 1	March 27, 1994
Hangar 2	December 13, 1994
Hangar 3	February 15, 1995
Hangar 5	September 1, 1995
Hangar 6	December 13, 1996

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.1.1 Volatile Organic Compound (VOC) [326 IAC 8-1-6] [CP096-00156-01 Condition 15]

Pursuant to CP096-00156-01 Condition 15, issued November 25, 1996, and to operating procedures outlined in the top down BACT analysis in accordance with 326 IAC 8-1-6, the Permittee shall achieve Best Available Control Technology for coatings used in the Service Hangars and Indirect Support Shops as specified below:

(a) The Permittee shall not apply to aerospace components any coating in the following categories with a VOC content in excess of the following limits (except as noted in condition b), expressed as grams of VOC per liter (lbs/gal) of coating as applied, excluding water:

Coating Category	VOC Content	
	g/liter	lbs/gal
Primer – coatings applied directly to the aerospace component for the purpose of corrosion prevention, protection from the environment, functional fluid resistance and adhesion of subsequent coatings.	350	2.9
Adhesive bonding primer – coatings applied in a very thin film to aerospace metal for the primary purpose of providing a primer for a subsequent coating of structural adhesive.	850	7.1
Interior Topcoat – coating used in interior habitable spaces of aircraft.	340	2.8
Electric or Radiation Effect Coating – Electrical conductive or insulative coatings and coatings used on radar and antennae enclosures.	800	6.7
Extreme Performance and Interior Topcoat – A topcoat used in interior spaces of the aircraft areas requiring fluid, stain or nicotine barrier.	420	3.5
Fire Insulation Coating – Coatings used to provide a layer of insulation in the event of an aircraft or engine fire.	600	5.0
Fuel Tank Coating – Coatings applied to the interior of a fuel tank or fuel wetted area of the aircraft to protect it from corrosion.	720	6.0
High Temperature Coating – A coating that during its normal use must withstand temperatures in excess of 350 degrees Fahrenheit.	720	6.0
Sealant – A coating applied for the purpose of filling voids and providing a barrier against penetration of water, fuel or other fluids or vapors.	600	5.0
Self-priming Topcoat – A coating applied directly to the aerospace component that is not subsequently over coated.	420	3.5
Topcoat – Coatings applied over a primer or intermediate coating for the	420	3.5

Coating Category	VOC Content	
	g/liter	lbs/gal
purposes such as appearance, identification or protection.		
Pretreatment Wash Primer – A coating which contains a minimum of 0.5% acid by weight for surface etching and is applied directly to a bare metal surface to provide corrosion resistance and adhesion.	420	3.5
Sealant Bonding Primer – A coating applied in a very thin film to an aerospace component for the purposes of providing a primer for subsequent coat of a silicon sealant.	720	6.0
Temporary Protection Coating – A coating applied to an aerospace component to protect it from any mechanical or environmental damage during manufacturing.	250	2.1

(b) The aforementioned coating requirements shall not apply to:

(1) Application of coating to assembled printed circuit boards

(2) Coating of paper, fabrics and films

(3) Applications of adhesives

(4) Use of Adhesive bonding primers that have a cure temperature in excess of 325F

(5) Use of hand held non refillable aerosol cans

(6) Application of coatings by template or hand in order to add designs, letters and/or numbers to the products

(7) Application of a solid film lubricant (anti chafe coating)

(8) Coating of test panels used to evaluate coating performance

(9) Use of low usage coating which are coating with separate formulations that are used in volumes of less than 20 gallons per calendar year, provided that the requirements of D.5.1(c) are met and no more than 200 gallons of low usage coatings may be classified as exempt per year.

(c) Annually the Permittee shall provide a list in writing to OES of coatings to be covered under the low usage exemptions D.1.1(b)(9) for the following calendar year, the expected volume to be used and the maximum VOC content. The Permittee shall notify OES in writing of any additional coatings added to this list during the calendar year.

(d) The Permittee shall maintain a document containing a list of all coatings with coating limitations which may be used during the following year, the coating category, the VOC limit for the coating category, the mix ratio (if applicable), and VOC content of the coating as applied expressed as pounds per gallon of coating less water. This document will be updated periodically and in the interim, memos containing the required information will be issued as needed for new coatings or reformulations of existing coatings.

(e) Compliance with the coating limitations shall be based on methods specified in 326 IAC 8-1-4(a).

(f) The Permittee shall utilize High Volume, Low Pressure (HVLP) and/or touch up guns transfer technology when applying coatings by spray. HVLP shall mean coating equipment which is used to apply coatings by means of a gun that operates between 0.1 and 10 psig air atomizing spray. Touch up guns shall mean small air spray equipment, including air brushes, that operate at no greater than 5 cfm air flow and no greater than 50 psig air pressure. These requirements do not apply to aerosol spray paint cans or the

following:

(1) The application of coatings to surface areas with limited access due to visual impairment which requires a 360 degree spray gun extension.

(2) The application of waterborne extreme performance interior topcoat coating.

(3) The application of adhesive bonding primers and pretreatment was primers.

(4) The application of a textured finish coat. A textured finish coat shall be considered any coating used to produce a non smooth, patterned surface that is intentionally produced and applied as a final coat by spraying drops of coating over a previously applied base coat.

D.1.2 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart GG, Table 1.

D.1.3 Aerospace NESHAP [40 CFR 63 Subpart GG] [326 IAC 20]

This source is subject to the National Emission Standards for Hazardous Air Pollutants, 326 IAC 20, (40 CFR 63.741, Subpart GG), even though HAP emissions are less than the major source thresholds, because the potential to emit HAPs at the time of rule promulgation was assumed to be greater than the major source thresholds (based on EPA determination).

(a) Except for coating and coating operations listed in 40 CFR 63.742 or those coatings or coating operations listed in 40 CFR 63.741(f), the following conditions apply to uncontrolled primer coating operations. Organic HAP and VOC content limits: 350 grams/liter (2.9 lb/gal less water for HAP and less water and exempt solvents for VOC) as applied. Compliance shall be achieved through:

(1) using coatings below content limits, or

(2) using monthly volume weighted averaging (primers only) to meet content limits [40 CFR 63.745(e)]

(b) Except for the use of specialty coatings as defined in 40 CFR 63.742 or those coatings or coating operations listed in 40 CFR 63.741(f), the following conditions apply to uncontrolled topcoat coating operations. Organic HAP and VOC content limit: 420 g/l (3.5 lb/gal less water for HAP, and less water and exempt solvents for VOC) as applied. [40 CFR 63.745(c)(3),(4)] Compliance shall be achieved through:

(1) using coatings below content limits, or

(2) Using monthly volume weighted averaging (topcoats) to meet content limits [40 CFR 63.745(e)]

(c) With respect to all coating applications operations, the following conditions apply:

(1) Pursuant to 40 CFR 63.745(b), minimize spills during handling and transfer of all materials. Pursuant to 40 CFR 63.748 minimize spills during handling and transfer of waste materials which contain HAPs.

(2) Pursuant to 40 CFR 63.745(f)(1), specific application techniques must be used.

(3) Pursuant to 40 CFR 63.745(f)(2), all application equipment must be operated according to manufacturer's specifications, company procedures, or operating procedures (whichever is more stringent).

(4) Pursuant to 40 CFR 63.745(g)(2), operating requirements must be followed for the application of primers or topcoats that contain inorganic HAP, including control with particulate filters (see Tables 1 through 4 of 40 CFR 63.745). Painting operation(s) must be shutdown if operated outside manufacturer's specified limits.

D.1.4 Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating processes shall be controlled by a dry particulate filter control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.1.5 Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B.12 - Preventive Maintenance Plan, of this permit, is required for this facility and its control devices.

Compliance Determination Requirements

D.1.6 Volatile Organic Compounds [40 CFR 63, Subpart GG][326 IAC 20]

Compliance with the VOC content and usage limitations contained in Condition D.1.1 and D.1.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3)(A) using formulation data supplied by the coating manufacturer. However, IDEM, OAQ, and OES reserve the right to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-1-4.

D.1.7 VOC Emissions [40 CFR 63, Subpart GG][326 IAC 20]

Pursuant to 40 CFR 63.749(d)(1), for uncontrolled coatings that are not averaged, each 24 hour period is considered a performance test; for uncontrolled coatings which are averaged, each 30 day period is considered a performance test. An organic HAP content level determination is made pursuant to 40 CFR 63.750(c) and (d), and a VOC content level determination is made pursuant to 40 CFR 63.750(e) and (f). An initial performance test is required for all control devices used to control VOC and organic HAPs to demonstrate compliance with overall control efficiency requirements, pursuant to 40 CFR 63.749(d)(2).

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.1.8 Dry Particulate Filters [40 CFR 63, Subpart GG][326 IAC 20]

Pursuant to 40 CFR 63.751(c)(1), the Permittee shall, while the primer or topcoat application operations are occurring, continuously monitor the pressure drop across the system, and read and record pressure drop once per shift.

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.1.9 Record Keeping Requirements

(a) To document compliance with Condition D.1.1 and 326 IAC 8-1-6, the Permittee shall maintain documentation for all coatings containing the name of the coating, VOC content as received and applied, the mix ratio (if applicable), and the VOC content of the coating as applied expressed as pounds per gallon of coating less water. Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents. The documentation will be updated periodically and in the interim, memos containing the required information will be issued as needed for new coatings or reformulations of existing coatings.

(b) Pursuant to 40 CFR 63.752(c)(2), for uncontrolled primer and topcoat applications that meet organic HAP and VOC content limits without averaging, the Permittee shall maintain documentation containing organic HAP and VOC contents as applied, data/calculations and test results used to determine HAP/VOC content as (H_i and G_i) and monthly usage.

(c) Pursuant to Conditions D.1.1, D.1.3 and 40 CFR 63.752(c)(3), for "Low HAP content" primer and topcoat applications (as described in 40 CFR 63.752(c)(3)), the Permittee shall maintain documents containing annual purchase records, and data/calculations and test results used to determine H_i or HAP/VOC content as applied.

(d) Pursuant to Conditions D.1.1, D.1.3 and 40 CFR 63.752(c)(4), for uncontrolled primer and topcoat applications complying with HAP or VOC content limits by averaging, the Permittee shall maintain documents containing: monthly volume weighted average values of HAP/VOC content (H_a and G_a), and data/calculations and test results used to calculate H_a and G_a.

(e) Pursuant to Conditions D.1.1, D.1.3 and 40 CFR 63.751(c)(1), the Permittee shall maintain a record of the pressure drop readings taken once per shift while the primer or topcoat applications are occurring.

(f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.1.10 Reporting Requirements

(a) A semi-annual summary of the information to document compliance with Condition D.1.1 and D.1.3 of this permit shall be submitted to the addresses listed in Section C - General Reporting Requirements within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). This summary shall include information that identify:

(1) For uncontrolled primer and topcoat applications that meet organic HAP and VOC content limits without averaging, each value of HAP/VOC content as (H_i and G_i) that exceeds the applicable HAP or VOC content limit specified in 40 CFR 63.745(c).

(2) for uncontrolled primer and topcoat applications complying with HAP or VOC content limits by averaging, each value of H_a and G_a that exceeds the applicable HAP or VOC content limit specified in 40 CFR 63.745(c).

(3) a statement certifying compliance with all requirements of 40 CFR 63, Subpart GG.

(b) An annual written report to document compliance with Conditions D.1.1(c) shall be submitted to OES including:

(1) coatings to be covered under the low usage exemptions D.1.1(b)(9) for the following calendar year,

(2) the expected volume to be used and the maximum VOC content.

(3) The Permittee shall notify OES in writing of any additional coatings added to this list during the calendar year.

(c) An annual report listing the number of times that the pressure drop for each dry filter system was outside the limits specified by the filter or booth manufacturer. [40 CFR 63.753(c)(2)]

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:
Specifically regulated insignificant activity:

(a) Four Jet A fuel storage tanks of a capacity of 25,000 gallons or approximately 95 cubic meters, with potential VOC emissions less than 3 pounds per hour and less than 10 tons per year located in the fuel farm on the east side of the maintenance facility. [326 IAC 12][40 CFR 60, Subpart Kb]

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.2.1 Record Keeping Requirement [40 CFR 60, Subpart Kb][326 IAC 12]

Pursuant to the New Source Performance Standard 40 CFR 60.116b, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction or Modification Commenced after July 23, 1984, the Permittee shall keep readily accessible records showing the dimension or tank capacities of these jet A fuel Storage Tanks. These records shall be kept for the life of the source.

D.2.2 Reporting Requirements

Pursuant to the New Source Performance Standard 40 CFR 60.116b, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction or Modification Commenced after July 23, 1984, the Permittee shall notify IDEM, OAQ and OES within thirty (30) days when the maximum true vapor pressure of the liquid being stored in any tank exceeds 27.6 kilopascals (kPa). Available data on the maximum true vapor pressure of the liquid being stored shall be in accordance with 40 CFR Part 60.116b(e). The report submitted by the Permittee requires the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(b) The following degreasing operations that do not individually exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 [326 IAC 8-3].

(1) Ten (10) parts cleaners located in Hangar 1, 2, 3, 5 or 6.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.3.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements; and

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.3.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility, construction of which commenced after July 1, 1990, shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{O}C$) (one hundred degrees Fahrenheit ($100^{O}F$));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius ($38^{O}C$) (one hundred degrees Fahrenheit ($100^{O}F$)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications

where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{O}C) (one hundred twenty degrees Fahrenheit (120°F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the Permittee shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(c) The following grinding and machining operations located in Hangar 1, 2, 3, 5 or 6 and controlled with fabric filters, scrubbers, mist collectors, wet collectors, electrostatic precipitators, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations with uncontrolled potential to emit of less than five (5) pounds of PM-10 per hour and less than twenty five (25) pounds of PM-10 per day. [326 IAC 6-3]

(1) Seven (7) Grit Blast Cabinets.

(d) The following activities or categories not previously identified which have potential emissions less than significance thresholds listed under 326 IAC 2-7-1(21): [326 IAC 6-3]

(1) The following emission units located in Hangar 1, 2, 3, 5 or 6 with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year:

(A) Downdraft Benches
(B) ECB Booth
(C) Fugitives (Cleaning)
(D) Sanding Benches
(E) Touchup Booths

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.4.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2(e), the allowable particulate emissions rate from any process not already regulated by 326 IAC 6.5-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour. Those processes are listed above.

Compliance Determination Requirements [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

D.4.2 Particulate Matter (PM)

In order to comply with D.4.1, the dry filter systems for PM control shall be in operation and control emissions at all times that deburring, buffing, polishing, abrasive blasting, pneumatic conveying, and woodworking are in operation.

SECTION D.5 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(e) Cleaners and solvents characterized as having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38°C (100°F) or having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20°C (68°F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months. Cleaning operations include hand wiping and spray gun cleaning. These activities are located in Hangar 1, 2, 3, 5 and 6. Potential VOC emissions are less than 3 pounds per hour and potential HAP emissions are less than 1 ton per year. [40 CFR 63, Subpart GG][326 IAC 20]

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.5.1 General Provisions Relating to HAPS [326 IAC 20-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart GG, Table 1.

D.5.2 Aerospace NESHAP [40 CFR 63 Subpart GG][326 IAC 20]

This facility is subject to the National Emission Standards for Hazardous Air Pollutants for Aerospace Manufacturing and Rework Facilities, 326 IAC 20-15 (40 CFR 63.741, Subpart GG).

Cleaning Solvent Type	Composition Requirements
Aqueous	Cleaning solvents in which water is the primary ingredient (> 80 percent of cleaning solvent solution as applied must be water). Detergents surfactants, and bioenzyme mixtures and nutrients may be combined along with a variety of additives, such as organic solvents (e.g. high boiling point alcohols, builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents). Aqueous solutions must have a flash point greater than 93 C (200F) (as reported by the manufacturer), and the solution must be miscible with water.
Hydrocarbon Based	Cleaners that are composed of photochemically reactive hydrocarbons and/or oxygenated hydrocarbons and have a maximum vapor pressure of 7 mm Hg at 20C (3.75 in H20 and 68F). Those cleaners also contain no HAP.

(a) The following housekeeping requirements apply pursuant to 40 CFR 63.744(a) unless the cleaning solvent used is identified in Table 1 of 40 CFR 63.744 (shown above), or contains HAP and VOC below the deminimus levels specified in 40 CFR 63.741(f).

(1) Pursuant to 40 CFR 63.744(a)(1), the Permittee shall place cleaning solvent laden cloth, paper or other absorbent applicators in bags or other closed containers upon completing their used.

(2) Pursuant to 40 CFR 63.744(a)(2), the Permittee shall store fresh and spent cleaning solvents (except semi-aqueous) in closed containers.

(3) Pursuant to 40 CFR 63.744(a)(3), the Permittee shall conduct the handling and transfer of cleaning solvents to or from enclosed systems, vats, waste containers, and other cleaning operation equipment that hold or store fresh or spent cleaning

solvents in a way which minimizes spills.

(b) Except for the cleaning of spray gun equipment performed in accordance with 40 CFR 63.744(c)(3), all hand wipe cleaning solvents must meet the composition requirements identified in Table 1 of 40 CFR 63.744 (above) or have a composite vapor pressure at or below 45 mm Hg at 20C.

(c) For spray gun cleaning operations, the Permittee shall use one of the four specified techniques or their equivalent, pursuant to 40 CFR 63.744(c).

(d) For enclosed spray gun cleaners, if leaks are found during the monthly inspection, source should repair as soon as practicable, but within 15 days, pursuant to 40 CFR 63.744(c)(1)(ii).

(e) If cleaning solvent solutions that contain HAP and VOC below the deminimis levels are used, those cleaning operations using such solutions are exempt from the requirements of 40 CFR 63.744(c)

(f) For flush cleaning operations source must empty used cleaning solvent into enclosed container, collection system, or system with equivalent emission control pursuant to 40 CFR 63.744(d).

Compliance Determination Requirements

D.5.3 Hand Wipe Cleaning [40 CFR 63.749(c)(1)]

An affected hand wipe cleaning operation shall be considered in compliance when all hand wipe cleaning solvents, excluding those used for hand wipe cleaning of spray gun equipment under 40 CFR 63.744(c), meet either the composition requirements specified in 40 CFR 63.744(b)(1) or the vapor pressure requirement specified in 40 CFR 63.744(b)(2).

D.5.4 Spray Gun Cleaning [40 CFR 63.749(c)(2)]

An affected spray gun cleaning operation shall be considered in compliance when each of the following conditions is met:

(a) One of four techniques specified in 40 CFR 63.744(c)(1) through (c)(4) is used:

(b) The technique selected is operated according to the procedures specified in 40 CFR 63.744(c)(1) through (c)(4) as appropriate; and

(c) If an enclosed system is used, monthly visual inspections are conducted and any leak detected is repaired within 15 days after detection. If the leak is not repaired by the 15th day after detection, the solvent shall be removed and the enclosed cleaner shall be shutdown until the cleaner is repaired or its use is permanently discontinued.

D.5.5 Flush Cleaning [40 CFR 63.749(c)(3)]

An affected flush cleaning operation shall be considered in compliance if the operating requirements specified in 40 CFR 63.744(d) are implemented and carried out.

D.5.6 Compliance Test Methods for Cleaning Operations [40 CFR 63.750(a) and (b)]

Permittee shall make composition determinations using manufacturing data [40 CFR 63.750(a)] or a vapor Pressure determination using readily available sources such as MSDS if single component; composite vapor pressure determined by manufacturer's supplied data or ASTM E 260-91 and by equation provided for multiple component solvents. [40 CFR 63.750(b)]

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.5.7 Monitoring Requirements for Cleaning Operations [40 CFR 63.751(a)]

Permittee shall conduct monthly visual leak inspection for enclosed spray gun cleaners in accordance with the requirements of 40 CFR 63.751(a).

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.5.8 Record Keeping Requirements

(a) Pursuant to 40 CFR 63.752(b)(2), each cleaning solvent used in hand wipe cleaning operations that complies with the composition requirements specified in 40 CFR 63.744(b)(1) or for semi aqueous cleaning solvents used for flush cleaning operations:

(1) The name of each cleaning solvent used;

(2) all data and calculations that demonstrate that the cleaning solvent complies with one of the composition requirements; and

(3) annual records of the volume of each solvent used, as determined from facility purchase records or usage records.

(b) For each cleaning solvent used in hand wipe cleaning operations that does not comply with the composition requirements in 40 CFR 63.744(b)(1), but does comply with the vapor pressure requirements in 40 CFR 63.744(b)(2):

(1) The name of each cleaning solvent used;

(2) the composite vapor pressure of each cleaning solvent used;

(3) all vapor pressure test results, if appropriate data and calculations used to determine the composite vapor pressure of each cleaning solvent; and

(4) the amount (in gallons) of each cleaning solvent used each month at each operation.

(c) For each cleaning solvent used for the exempt hand wipe cleaning operations specified in 40 CFR 63.744(e) that does not conform to the vapor pressure or composition requirements of 40 CFR 63.744(b):

(1) The identity and amount (in gallons) of each cleaning solvent used each month at each operation; and

(2) a list of processes set forth in 40 CFR 63.744(e) to which the cleaning operation applies.

(d) A record of all leaks from enclosed spray gun cleaners identified pursuant to 40 CFR 63.751(a) that includes, for each leak found;

(1) Source identification;

(2) Date leak was discovered; and

(3) Date leak was repaired.

D.5.9 Reporting requirements for cleaning operations [40 CFR 63.753(b)]

A semi-annual summary of the information to document compliance with Condition D.5.2 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit

within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). The summary shall include:

(a) Statement certifying compliance. [40 CFR 63.753(b)(1)(v)]

(b) Semiannual report for hand wiping operations' noncompliant cleaning solvent used. [40 CFR 63.753(b)(1)(i)]

(c) Semiannual report of all new cleaning solvents and their composite vapor pressure or notifications of compliance with composition requirements. [40 CFR 753(b)(1)(ii)]

(d) Semiannual report of noncompliant spray gun cleaning method used. [40 CFR 63.753(b)(1)(iii)]

(e) Leaks from enclosed spray gun cleaners not repaired within 15 days. [40 CFR 63.753(b)(1)(iv)]

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
100 North Senate Avenue

Indianapolis, Indiana 46204
Phone: 317-233-5674
Fax: 317-233-5967

and

Indianapolis Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

PART 70 OPERATING PERMIT CERTIFICATION

Source Name: AAR Aircraft Services, Indianapolis
Source Address: 2825 West Perimeter Road, Indianapolis, Indiana 46241
Mailing Address: 2825 West Perimeter Road, Indianapolis, Indiana 46241
Part 70 Permit No.: T097-9602-00156

This certification shall be included when submitting monitoring, testing reports/results or other documents as required by this permit. Please check what document is being certified: Annual Compliance Certification Letter Test Result (specify) Report (specify) Notification (specify) Affidavit (specify) Other (specify)

I certify that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete.
Signature:
Printed Name:
Title/Position:
Phone:
Date:

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE BRANCH
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR COMPLIANCE

PART 70 OPERATING PERMIT
EMERGENCY OCCURRENCE REPORT

Source Name: AAR Aircraft Services, Indianapolis
Source Address: 2825 West Perimeter Road, Indianapolis, Indiana 46241
Mailing Address: 2825 West Perimeter Road, Indianapolis, Indiana 46241
Part 70 Permit No.: T097-9602-00156

This form consists of 2 pages **Page 1 of 2**

☐ This is an emergency as defined in 326 IAC 2-7-1(12)

- The Permittee must notify the Office of Air Quality (OAQ), and OES within four (**4**) business hours (1-800-451-6027 or 317-233-5674, ask for Compliance Section); and
- The Permittee must submit notice in writing or by facsimile within two (**2**) working days (Facsimile Number: 317-233-5967), and follow the other requirements of 326 IAC 2-7-16.

If any of the following are not applicable, mark N/A

Facility/Equipment/Operation:
Control Equipment:
Permit Condition or Operation Limitation in Permit:
Description of the Emergency:
Describe the cause of the Emergency:

If any of the following are not applicable, mark N/A

Page 2 of 2

Date/Time Emergency started:
Date/Time Emergency was corrected:
Was the facility being properly operated at the time of the emergency? Y N
Type of Pollutants Emitted: TSP, PM-10, SO_2, VOC, NO_X, CO, Pb, other:
Estimated amount of pollutant(s) emitted during emergency:
Describe the steps taken to mitigate the problem:
Describe the corrective actions/response steps taken:
Describe the measures taken to minimize emissions:
If applicable, describe the reasons why continued operation of the facilities are necessary to prevent imminent injury to persons, severe damage to equipment, substantial loss of capital investment, or loss of product or raw materials of substantial economic value:

Form Completed by:

Title / Position:

Date:

Phone:

A certification is not required for this report.

INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT
OFFICE OF AIR QUALITY
COMPLIANCE DATA SECTION
and
INDIANAPOLIS OFFICE OF ENVIRONMENTAL SERVICES
AIR COMPLIANCE

PART 70 OPERATING PERMIT
QUARTERLY DEVIATION AND COMPLIANCE MONITORING REPORT

Source Name:	AAR Aircraft Services, Indianapolis
Source Address:	2825 West Perimeter Road, Indianapolis, Indiana 46241
Mailing Address:	2825 West Perimeter Road, Indianapolis, Indiana 46241
Part 70 Permit No.:	T097-9602-00156

Months: _____ to _____ Year: _____

This report shall be submitted quarterly based on a calendar year. Any deviation from the requirements, the date(s) of each deviation, the probable cause of the deviation, and the response steps taken must be reported. A deviation required to be reported pursuant to an applicable requirement that exists independent of the permit, shall be reported according to the schedule stated in the applicable requirement and does not need to be included in this report. Additional pages may be attached if necessary. If no deviations occurred, please specify in the box marked "No deviations occurred this reporting period".

☐ NO DEVIATIONS OCCURRED THIS REPORTING PERIOD.

☐ THE FOLLOWING DEVIATIONS OCCURRED THIS REPORTING PERIOD

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	
Permit Requirement (specify permit condition #)	
Date of Deviation:	**Duration of Deviation:**
Number of Deviations:	
Probable Cause of Deviation:	
Response Steps Taken:	

Form Completed By:

Title/Position:

Date:

Phone:

Attach a signed certification to complete this report.

Attachment A

The following State rules have been adopted by reference by the Indianapolis Air Pollution Control Board and are enforceable by Indianapolis Office of Environmental Services (OES) using local enforcement procedures.

(1) 326 IAC 1-1-1 through 1-1-3 and 1-1-5;
(2) 326 IAC 1-2-1 through 1-2-91 (In addition, the IAPCB has adopted several local definitions);
(3) 326 IAC 1-3-1 through 1-3-4'
(4) 326 IAC 1-4-1 (The IAPCB added to the adoption by reference a citation to 61 FR 58482 (November 15, 1996));
(5) 326 IAC 1-5-1 through 1-5-5:
(6) 326 IAC 1-6-1 through 1-6-6;
(7) 326 IAC 1-7-1 through 1-7-5;
(8) 326 IAC 2-3-1 through 326 IAC 2-3-5;
(9) 326 IAC 2-4-1 through 326 IAC 2-4-6;
(10) 326 IAC 2-6-1 through 326 IAC 2-6-4;
(11) 326 IAC 2-7-1 through 2-7-18; 2-7-20 through 2-7-25;
(12) 326 IAC 2-8-1 through 2-8-15, 2-8-17;
(13) 326 IAC 2-9-1 through 2-9-14:
(14) 326 IAC 2-10-1 through 2-10-5 (The IAPCB adoption adds the language “state or local” immediately after the word “federal” in 326 IAC 2-10-1);
(15) 326 IAC 2-11-1, 2-11-3 and 2-11- 4 (The IAPCB adoption adds the language “state or local” immediately after the word “federal” in 326 IAC 2-11-1);
(16) 326 IAC 3-1.1-1 through 3-1.1-5;
(17) 326 IAC 3-2.1 through 3-2.1-5;
(18) 326 IAC 3-3-1 through 3-3-5;
(19) 326 IAC 4-2-1 through 4-2-2;
(20) 326 IAC 5-1-1(a), (b) and (c)(5), 5-1-2(1), (2)(A), (2)(c)(4), 5-1-3 through 5-1-5, 5-1-7;
(21) 326 IAC 7-1.1-1 and 7-1.1-2;
(22) 326 IAC 7-2-1;
(23) 326 IAC 7-3-1 and 7-3-2
(24) 326 IAC 7-4-2(28) through (31) (Instead of adopting by reference 7-4-2(1) through (27), the IAPCB regulation substitutes the same requirements listed in a format in which the companies are alphabetized and emission points known to no longer exist have been deleted):
(25) 326 IAC 8-1-0.5 except (b), 8-1-1 through 8-1-2, 8-1-3 except c), (g) and (i), 8-1-5 through 8-1-12;
(26) 326 IAC 8-2-1 through 8-2-12 (The IAPCB adoption by reference of 8-2-5 adds additional language specific to Zimmer Paper Products, Incorporated as subpart c);
(27) 326 IAC 8-3-1 through 8-3-7;
(28) 326 IAC 8-4-1 through 8-4-5, 8-4-6(a)(6), (a)(8) and (a)(14) and 8-4-6(b)(1), (b)(3) and 8-4-6 c) (In place of 8-4-6(b)(2), which was not adopted, the IAPCB adopted language requiring a pressure relief valve set to release at no less than four and eight-tenths (4.8) KiloPascals (seven-tenths (0.7) pounds per square inch)), 8-4-7 except (e), 8-4-8 and 8-4-9;
(29) 326 IAC 8-5-1 through 8-5-4, 8-5-5 except (a)(3) and (d)(3);
(30) 326 IAC 8-6-1 and 8-6-2;
(31) 326 IAC 9-1-1 and 9-1-2;
(32) 326 IAC 11-1-1 through 11-1-2
(33) 326 IAC 11-2-1 through 11-2-3;
(34) 326 IAC 11-3-1 through 11-3-6;
(35) 326 IAC 14-1-1 through 14-1-4;
(36) 326 IAC 14-2-1 except 40 CFR 61.145;
(37) 326 IAC 14-3-1;
(38) 326 IAC 14-4-1;
(39) 326 IAC 14-5-1;
(40) 326 IAC 14-6-1;
(41) 326 IAC 14-7-1;
(42) 326 IAC 14-8-1 through 14-8-5;
(43) 326 IAC 15-1-1, 15-1-2(a)(1), (a)(2) and (a)(8), 15-1-3 and 15-1-4;
(44) 326 IAC 20-1-1 through 20-1-4 (In 20-1-3(b)(2) the adoption states that “permitting authority” means the commissioner of IDEM or the administrator of OES, whichever is applicable);
(45) 326 IAC 20-2-1;
(46) 326 IAC 20-3-1;
(47) 326 IAC 20-4-1;
(48) 326 IAC 20-5-1;

(49) 326 IAC 20-6-1;
(50) 326 IAC 20-7-1;
(51) 326 IAC 20-8-1;
(52) 326 IAC 20-9-1;
(53) 326 IAC 20-14-1;
(54) 326 IAC 20-15-1;
(55) 326 IAC 20-16-1;
(56) 326 IAC 20-17-1;
(57) 326 IAC 20-18-1;
(58) 326 IAC 20-19-1;
(59) 326 IAC 20-20-1;
(60) 326 IAC 20-21-1;
(61) 326 IAC 21-1-1 (The adoption state that “or the administrator of OES” is added in (b));
(62) 326 IAC 22-1-1 (The adoption state that “or the administrator of OES” is added in (b));

Indiana Department of Environmental Management
Office of Air Quality

and

City of Indianapolis
Office of Environmental Services

Technical Support Document (TSD) for an Administrative Amendment to a Part 70 Operating Permit

Source Background and Description

Source Name:	**AAR Aircraft Services, Indianapolis**
Source Location:	**2825 West Perimeter Road, Indianapolis, Indiana 46241**
County:	**Marion**
SIC Code:	**4581**
Operation Permit No.:	**097-9602-00156**
Operation Permit Issuance Date:	**June 26, 2003**
Permit Amendment No.:	**097-21245-00559**
Permit Reviewer:	**M. Caraher**

The Office of Air Quality (OAQ) and the City of Indianapolis Office of Environmental Services (OES) have reviewed an Administrative Amendment application to a Part 70 Operating Permit from AAR Aircraft Services, Indianapolis relating to the operation of an aerospace vehicle maintenance center which performs various maintenance tasks on aircraft.

Explanation of Amendment Request

The Indianapolis Airport Authority was issued a Part 70 Operating Permit, T097-9602-00156, on June 26, 2003 for an aerospace vehicle maintenance center located at 2825 West Perimeter Road, Indianapolis, Indiana 46241.

A request for an Administrative Amendment was received on May 4, 2005 from AAR Aircraft Services, Indianapolis (AAR). AAR requested that the existing Part 70 Operating Permit for this source, T097-9602-00156, be administratively amended to allow the transfer of operational control of portions of existing permitted equipment or operations under T097-9602-00156 to either of two entities, AAR Aircraft Services or Indianapolis Diversified Machining, Inc. AAR Aircraft Services (AAR) transfer of operational control application is assigned as 097-21245-00559. Indianapolis Diversified Machining, Inc. (IDM) submitted their transfer of operational control application, assigned as 097-21325-00560, on May 25, 2005. The Indianapolis Airport Authority (IAA) submitted an administrative amendment application on May 9, 2005 to retain portions of existing permitted equipment or operations. IAA's application is assigned as 097-21243-00156. IAA stated that the powerhouse, emergency power equipment and Hangar 7 operations must remain in the Part 70 Operating Permit for IAA.

IDEM, OAQ and OES have determined that since the three (3) plants are located on contiguous or adjacent properties and are under common control of the same entity, the Indianapolis Airport Authority, they will be considered one (1) source, effective from the date of issuance of this Part 70 Operating Permit Amendment. These three (3) plants are considered one source because the on-site powerhouse is dedicated to the aerospace vehicle maintenance center and AAR Aircraft Services will occupy the majority of the aircraft hangars at the maintenance center. Indianapolis Diversified Machining, Inc. receives from AAR Aircraft Services more than fifty percent (50%) of its work flow and supplies these goods and services back to AAR Aircraft Services. Therefore,

the term “source” in the Part 70 documents refers to the Indianapolis Airport Authority, AAR Aircraft Services and Indianapolis Diversified Machining, Inc. as one source.

Separate Part 70 Operating Permits will be issued to Indianapolis Airport Authority with Permit No.: 097-21243-00156, AAR Aircraft Services with Permit No.: 097-21245-00559 and Indianapolis Diversified Machining, Inc. with Permit No.: 097-21325-00560 solely for administrative purposes.

On August 19, 2005, the Indianapolis Airport Authority submitted an application, 097-21718-00156, to amend Condition C.20 Emission Statement based on the Indiana Air Pollution Control Board revisions to 326 IAC 2-6 (Emission Reporting) in December 2003 and effective March 27, 2004. The application, 097-21718-00156, is combined in to this review, 097-21245-00559.

Justification for the Amendment

The request to transfer specified portions of existing permitted equipment or operations in each of these applications does not involve an increase in potential to emit or an increase in limited potential to emit regulated pollutants. The application request does not involve the addition of any new or modified equipment and does not involve the significant revision of any existing applicable requirement. Therefore, this request qualifies as an administrative permit amendment under 326 IAC 2-7-11(a)(4), a change that “Allows for a change in operational control of a source where the commissioner determines that no other change in a Part 70 permit is necessary”.

Recommendation

The staff recommends to the Administrator that the Administrative Amendment to the Part 70 Operating Permit be approved. This recommendation is based on the following facts and conditions:

Unless otherwise stated, information used in this review was derived from the application and additional information submitted by the applicant.

An application for the purposes of this review was received on May 4, 2005. Additional information was received on May 9, 2005, on May 25, 2005 and on June 28, 2005.

Conclusion

The operation of this aerospace vehicle maintenance center shall be subject to the conditions of this First Part 70 Administrative Amendment, **097-21245-00559.**

Proposed Changes

The permit language is changed to read as follows (deleted language appears as ~~strikeouts~~, new language appears in **bold**):

Change 1

The mail address of the Indianapolis Airport Authority appeared on the Title page of the permit instead of the exact source location, which has not changed. In addition, the source address on the Report Forms had also listed the source mailing address as the source address. AAR Aircraft Services, Indianapolis (AAR) application of May 4, 2005 requested to change operational control of specified portions of existing permitted equipment and to change the mail address for AAR to the source location of AAR. Therefore, the name of the source and the address of the source on the Title page and on each of the reporting forms is revised as follows:

(a) Title page:

AAR Aircraft Services, Indianapolis
~~Indianapolis Airport Authority~~
2825 West Perimeter Road
~~2500 South High School Road~~
Indianapolis, Indiana 46241

(b) Report Forms:

Source Name:	**AAR Aircraft Services, Indianapolis** ~~Indianapolis Airport Authority~~
Source Address:	**2825 West Perimeter Road, Indianapolis, Indiana 46241** ~~2500 S. High School Rd., Indianapolis, Indiana 46241~~
Mailing Address:	**2825 West Perimeter Road, Indianapolis, Indiana 46241** ~~2500 S. High School Rd., Indianapolis, Indiana 46241~~
Part 70 Permit No.:	T097-9602-00156

Change 2

In transferring operational control of specified portions of existing permitted equipment or operations from the Indianapolis Airport Authority to AAR Aircraft Services, Indianapolis, the Responsible Official designation for AAR must be inserted in Condition A.1. The general source telephone number for AAR must also be inserted in Condition A.1.

In addition, Marion County has been classified as nonattainment for PM2.5 (by U.S.EPA in Federal Register Notice 70 FR 943, effective April 5, 2005). There have been no modifications or revisions to this source that were major modifications for PM2.5 pursuant to nonattainment new source review requirements. Therefore, nonattainment new source review requirements for PM2.5 are not applicable to the source.

On April 15, 2004, USEPA designated Marion County nonattainment for the 8-hour ozone standard. There have been no modifications or revisions to this source that were major modifications for volatile organic compounds (VOC) or nitrogen oxides (NO_x) pursuant to nonattainment new source review requirements. Therefore, nonattainment new source review requirements for the 8-hour ozone standard are not applicable to the source. However, a revised Condition A.1 for this First Part 70 Administrative Amendment, 097-21245-00559, for PM2.5 and 8-hour ozone nonattainment, as of April 5, 2005, is as follows:

A.1 General Information [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)] [326 IAC 2-7-1(22)]

The Permittee owns and operates a stationary aerospace vehicle maintenance center which performs various maintenance tasks on aircraft.

Responsible Official:	**General Manager** ~~Airport Director~~
Source Address:	**2825 West Perimeter Road, Indianapolis, Indiana 46241** ~~2500 S. High School Road, Indianapolis, Indiana 46241~~
Mailing Address:	**2825 West Perimeter Road, Indianapolis, Indiana 46241** ~~2500 S. High School Road, Indianapolis, Indiana 46241~~
General Source Phone Number:	**(317) 227-5066** ~~(317) 757-2536~~
SIC Code:	4581
County Location:	Marion
Source Location Status:	**Nonattainment for ozone under the 8-hour standard** **Nonattainment for PM2.5**

	Attainment for all **other** criteria pollutants
Source Status:	Part 70 Permit Program
	Major Source, Section 112 of the Clean Air Act
	Major Source under Emission Offset Rules
	Minor Source under PSD Rules

Change 3

The transfer of operational control of portions of existing permitted equipment or operations from T097-9602-00156 to AAR Aircraft Services, Indianapolis or to Indianapolis Diversified Machining, Inc. requires that a new Condition A.2 (Part 70 Source Definition) be included to describe that the three (3) collocated entities are operating as one (1) collocated source. The addition of Condition A.2 causes a revision to the second sentence of the first paragraph in Section A Source Summary as follows: The information describing the source contained in conditions A.1 **and A.3** through ~~A.4~~ **A.5** is descriptive information and does not constitute enforceable conditions. The existing Conditions A.2 (Emission Units and Pollution Control Equipment Summary), A.3 (Specifically Regulated Insignificant Activities) and A.4 (Part 70 Permit Applicability) are now renumbered as Condition A.3, A.4 and A.5, respectively. The new Condition A.2 is as follows:

A.2 Part 70 Source Definition [326 IAC 2-7-1(22)]

This aerospace vehicle maintenance center source consists of three (3) plants:

(a) Plant 1, Indianapolis Airport Authority (097-21243-00156), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241;

(b) Plant 2, AAR Aircraft Services (097-21245-00559), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241; and

(c) Plant 3, Indianapolis Diversified Machining, Inc. (097-21325-00560), is located at 2825 West Perimeter Road, Indianapolis, Indiana 46241.

IDEM, OAQ and OES have determined that since the three (3) plants are located on contiguous or adjacent properties and are under common control of the same entity, the Indianapolis Airport Authority, they will be considered one (1) source, effective from the date of issuance of this Part 70 Operating Permit Amendment. These three (3) plants are considered one source because the on-site powerhouse is dedicated to the aerospace vehicle maintenance center and AAR Aircraft Services will occupy the majority of the aircraft hangars at the maintenance center. Indianapolis Diversified Machining, Inc. receives from AAR Aircraft Services more than fifty percent (50%) of its work flow and supplies these goods and services back to AAR Aircraft Services. Therefore, the term "source" in the Part 70 documents refers to the Indianapolis Airport Authority, AAR Aircraft Services and Indianapolis Diversified Machining, Inc. as one source.

Separate Part 70 permits will be issued to Indianapolis Airport Authority with Permit No.: 097-21243-00156, AAR Aircraft Services with Permit No.: 097-21245-00559 and Indianapolis Diversified Machining, Inc. with Permit No.: 097-21325-00560 solely for administrative purposes.

Change 4

The May 4, 2005 application request submitted by AAR to transfer operational control of specific existing permitted equipment and operations causes revisions to the existing Condition A.2 (Emission Units and Pollution Control Equipment Summary) for this First Administrative Amendment, 097-21245-00559.

The Indianapolis Airport Authority (IAA) identified that there are actually a total of six (6) hangars at the maintenance facility one of which, Hangar 7, will be retained by IAA. IAA stated that Hangar 4 was incorrectly identified as a hangar. No aerospace NESHAP or vehicle maintenance activities take place in these outside jet ways previously described as Hangar 4. AAR stated that the remaining five (5) hangars, specifically, Hangar 1, 2, 3, 5 and 6, must be transferred to AAR Aircraft Services. Therefore, the following changes to Condition **A.3**~~2~~ are as follows:

A.**3**~~2~~ Emission Units and Pollution Control Equipment Summary [326 IAC 2-7-4(c)(3)] [326 IAC 2-7-5(15)]

This stationary source consists of the following emission units and pollution control devices:

~~(a) Boiler # 1, manufactured by Cleaver Brooks, identified as emission unit 001, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 12.6 million British thermal units (MMBtu/hr), using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 001, installed in 1993.~~

~~(b) Boiler # 2, manufactured by Cleaver Brooks, identified as emission unit 002, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 25.2 MMBtu/hr, using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 002, installed in 1993.~~

~~(c) Boiler # 3, manufactured by Nebraska, identified as emission unit 003, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 122 British thermal units (MMBtu/hr), using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 003, installed in 1994.~~

~~(d) Boiler # 4, manufactured by Nebraska, identified as emission unit 004, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 122 British thermal units (MMBtu/hr), using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 004, installed in 1994.~~

~~(e) Emergency Generator #1, manufactured by Cummins, model number KTA39-G4, identified as emission unit 005, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as stack 005, installed in 1993.~~

~~(f) Emergency Generator #2, manufactured by Cummins, model number KTA39-G4, identified as emission unit 006, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as stack 006, installed in 1993.~~

~~(g) Emergency Generator #3, manufactured by Cummins, model number KTA39-G4, identified as emission unit 007, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as stack 007, installed in 1993.~~

~~(h) Fire Pump Engine #1, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 008, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 008, and installed in 1993.~~

~~(i) Fire Pump Engine #2, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 009, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 009, and installed in 1993.~~

~~(j) Fire Pump Engine #3, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 010, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 010, and installed in 1993.~~

~~(k) Fire Pump Engine #4, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 011, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 011, and installed in 1993.~~

~~(l) Fire Pump Engine #5, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 012, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 012, and installed in 1993.~~

~~(m) Painting and mixing operations including:~~

~~(1) Two (2) paint booths, located in the Composite shop, identified as emission unit 017, using high volume low pressure (HVLP) spray application systems, with dry filters for particulate matter control, exhausting to two stacks 017a and 017b, installed in 1995.~~

~~(2) Two (2) paint booths, located in the Machine Shop and the Interior Shop, respectively, identified as emission unit 018, using high volume low pressure (HVLP) spray application systems, with dry filters for particulate matter control, exhausting to two stacks 018a and 018b, installed in 2000 and 2001, respectively.~~

(a) ~~(n)~~ ~~Eight (8)~~ **Five (5)** service hangars with activities relating to the coating of aircraft parts ~~are~~ identified as emissions unit EU-013, service hangars 1, 2, 3, ~~4,~~ 5 **and** 6~~, 7 and 7a~~ are used for routine and nonroutine maintenance, with paint booths using high volume, low pressure (HVLP) spray application systems, ~~and all hangars consisting of two enclosed bays~~. ~~Hangar 4 is an external hangar used for routine and nonroutine maintenance.~~ The table below summarizes the startup dates for each hangar:

Hangar	Date Operation Began
Hangar 1	March 27, 1994
Hangar 2	December 13, 1994
Hangar 3	February 15, 1995
~~Hangar 4~~	~~February 15, 1995~~
Hangar 5	September 1, 1995
Hangar 6	December 13, 1996
~~Hangar 7~~	~~July 15, 1997~~
~~Hangar 7a~~	~~1999~~

Change 5

The May 4, 2005 application request submitted by AAR to transfer operational control of specific insignificant activities causes revisions to the existing Condition A.**4**~~3~~ (Specifically Regulated Insignificant Activities) for this First Administrative Amendment, 097-21245-00559. AAR requested that the naming of each cleaning tank and grinding or machining operation be revised to reflect the total number of units or operations in each description that are to be transferred.

A.**4**~~3~~ Specifically Regulated Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary source also includes the following insignificant activities which are specifically regulated, as defined in 326 IAC 2-7-1(21):

(a) Four (4) Jet A fuel storage tanks of a capacity of 25,000 gallons or approximately 95 cubic meters, with potential VOC emissions of less than 3 pounds per hour and less than

10 tons per year located in the fuel farm on the east side of the maintenance facility. [326 IAC 12][40 CFR 60.110b, Subpart Kb]

(b) The following degreasing operations that do not individually exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 [326 IAC 8-3]. ~~These degreasing operations are located throughout the center.~~

(1) ~~Parts Cleaner PW-01~~ **Ten (10) parts cleaners located in Hangars 1, 2, 3, 5 or 6.**
~~(2) Parts Cleaner PW-02~~
~~(3) Parts Cleaner PW-03~~
~~(4) Parts Cleaner PW-04~~
~~(5) Parts Cleaner PW-08~~
~~(6) Parts Cleaner currently located in the lower part of hangar 5-A, room 123.~~
~~(7) Parts Cleaner currently located in the lower part of hangar 6-A on the side wall.~~
~~(8) Parts Cleaner currently located in the lower part of hangar 6-A usually situated near the left wing of the aircraft.~~
~~(9) Parts Cleaner PW-11~~
~~(10) Parts Cleaner PW-12~~
~~(11) Parts Cleaner located in the lower part of hangar 7B~~
~~(12) Parts Cleaner PW-19~~
~~(13) Parts Cleaner in the Non Destructive Testing (NDT) area near the Magnaflux~~
~~(14) Parts Cleaner AC-10~~
~~(15) Parts Cleaner PW-20~~
~~(16) Parts Cleaner PW-06~~
~~(17) Parts Cleaner PW-09~~
~~(18) Parts Cleaner currently located in the lower cleaning room of hangar 7A~~
~~(19) Parts Cleaner currently located in the upper cleaning room of hangar 7A~~

(c) The following grinding and machining operations **located in Hangar 1, 2, 3, 5 or 6 and** controlled with fabric filters, scrubbers, mist collectors, wet collectors, electrostatic precipitators, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations with uncontrolled potential to emit of less than five (5) pounds of PM-10 per hour and less than twenty five (25) pounds of PM-10 per day. [326 IAC 6-3]

(1) ~~Grit Blast Cabinet BC-01~~ **Seven (7) Grit Blast Cabinets.**
~~(2) Grit Blast Cabinet BC-02~~
~~(3) Grit Blast Cabinet BC-06~~
~~(4) Grit Blast Cabinet BC-07~~
~~(5) Grit Blast Cabinet BC-14~~
~~(6) Grit Blast Cabinet BC-13~~
~~(7) Grit Blast Cabinet BC-09~~
~~(8) Grit Blast Cabinet BC-12~~
~~(9) Grit Blast Cabinet BC-10~~
~~(10) Grit Blast Cabinet BB-01~~
~~(11) Grit Blast Cabinet BB-02~~
~~(12) Grit Blast Cabinet BC-05~~
~~(13) Grit Blast Cabinet BC-15~~
~~(14) Grit Blast Cabinet BC-16~~
~~(15) Grit Blast Cabinet EE-02~~
~~(16) Grit Blast Cabinet PM-01~~
~~(17) Grit Blast Cabinet BC-08~~
~~(18) Grit Blast Cabinet BC-17~~
~~(19) Grit Blast Cabinet BC-18~~

~~(20) Grit Blast Room in the Sheet Metal Shop~~
~~(21) Grit Blast Cabinet BC-03~~
~~(22) Grit Blast Cabinet BC-04~~

~~(d) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3]~~

~~(e) Trimmers that do not produce fugitive emissions and that are equipped with a dust collector or trim material recovery device such as a bag filter or cyclone. [326 IAC 6-3]~~

~~(f) Paved and unpaved roads and parking lots with public access. [326 IAC 6-4]~~

(d) ~~(g)~~ The following activities or categories not previously identified which have potential emissions less than significance thresholds listed under 326 IAC 2-7-1(21): [326 IAC 6-3]

(1) The following ~~five~~ emission units located in **Hangar 1, 2, 3, 5 or 6** ~~throughout the facility including the Sheet Metal Shop and Composite Shop~~ with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year:
(A) Downdraft Benches
(B) ECB Booth
(C) Fugitives (Cleaning)
(D) Sanding Benches
(E) Touchup Booths

~~(h) The following three emission units located in the Sheet Metal Shop and Composite Shop with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year: [326 IAC 6-3]~~
~~(1) Cleaning Room~~
~~(2) Dinol Room~~
~~(3) Fugitives (Cleaning)~~

~~(i) The following two emission units located in the Sidewall/Ceiling Shop of the Interior Shop with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year: [326 IAC 6-3]~~
~~(1) Drawddown Bench for Vacuum mold~~
~~(2) Floorboard Router~~

(e) ~~(j)~~ Cleaners and solvents characterized as having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38°C (100°F) or having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20°C (68°F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months. Cleaning operations include hand wiping and spray gun cleaning. These activities are located **in Hangar 1, 2, 3, 5 and 6** ~~throughout the Center~~. Potential VOC emissions are less **than** ~~that~~ 3 pounds per hour and potential HAP emissions are less than 1 ton per year. [40 CFR 63, Subpart GG][326 IAC 20]

Change 6

The 326 IAC 6-3 revisions that became effective on June 12, 2002 were approved into the State Implementation Plan on September 23, 2005. These rules replace the previous version of 326 IAC 6-3 (Process Operations) that had been part of the SIP; therefore, the requirements of the

previous version of 326 IAC 6-3-2 are no longer applicable to this source. Condition C.1 has been revised to remove (a) which contained these requirements, and since the requirements of the 326 IAC 6-3-2(d) that were effective June 12, 2002 are now federally enforceable, the last statement from C.1 is removed.

C.1 Particulate Emission Limitations For Processes with Process Weight Rates Less Than One Hundred (100) Pounds per Hour [326 IAC 6-3-2] ~~[40 CFR 52 Subpart P]~~

~~(a) Pursuant to 40 CFR 52 Subpart P, the allowable particulate matter emissions from any process not already regulated by 326 IAC 6-1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour.~~

~~(b)~~ Pursuant to 326 IAC 6-3-2(e)(2), the allowable particulate emissions from any process not exempt under 326 IAC 6-3-1(b) or (c) which has a maximum process weight rate less than 100 pounds per hour and the methods in 326 IAC 6-3-2(b) through (d) do not apply shall not exceed 0.551 pounds per hour. ~~This condition is not federally enforceable.~~

Change 7

The Indiana Air Pollution Control Board approved revisions to 326 IAC 2-6 (Emission Reporting) in December 2003. Following the rule revisions, effective March 27, 2004, this source is still subject to the provisions of 326 IAC 2-6 because this source has an operating permit under 326 IAC 2-7 (Part 70 Permit Program). In accordance with the compliance schedule in 326 IAC 2-6-3, an emission statement must be submitted triennially by July 1 beginning in 2005 and every 3 years after. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4. This First Administrative Amendment, 097-21245-00559, amends the initial Part 70 Operating Permit for this source, T097-9602-00156, to implement the March 27, 2004 rule revisions.

C.20 Emission Statement [326 IAC 2-7-5(3)(C)(iii)][326 IAC 2-7-5(7)][326 IAC 2-7-19(c)] [326 IAC 2-6]

(a) **Pursuant to 326 IAC 2-6-3(b)(2), starting in 2005 and every three (3) years thereafter, the Permittee shall submit by July 1 an emission statement covering the previous calendar year. The emission statement shall contain, at a minimum, the information specified in 326 IAC 2-6-4(c) and shall meet the following requirements:**

~~The Permittee shall submit an emission statement certified pursuant to the requirements of 326 IAC 2-6. This statement must be received in accordance with the compliance schedule specified in 326 IAC 2-6-3 and must comply with the minimum requirements specified in 326 IAC 2-6-4. The emission statement shall meet the following requirements:~~

(1) Indicate estimated actual emissions of all pollutants listed in 326 IAC 2-6**-4(a)** ~~(Emission Reporting)~~;

(2) Indicate estimated actual emissions of regulated pollutants **(**as defined by 326 IAC 2-7-1(32)**) ("Regulated pollutant which is used only for purposes of Section 19 of this rule")** from the source, for purposes of fee assessment.

The statement must be submitted to:

Indiana Department of Environmental Management
Technical Support and Modeling Section, Office of Air Quality
100 North Senate Avenue

Indianapolis, Indiana 46204

and

Indianapolis Office of Environmental Services
Air Compliance
2700 South Belmont Avenue
Indianapolis, IN 46221-2009

The emission statement does require the certification by the “responsible official” as defined by 326 IAC 2-7-1(34).

(b) The emission statement required by this permit shall be considered timely if the date postmarked on the envelope or certified mail receipt, or affixed by the shipper on the private shipping receipt, is on or before the date it is due. If the document is submitted by any other means, it shall be considered timely if received by IDEM, OAQ, and OES on or before the date it is due.

Change 8

Sections D.1, D.2, D.3 and D.4 are for permitted equipment or operations (Boilers # 1 through # 4, Emergency Generators # 1 through # 3 and Fire Pump Engines # 1 through # 5) for which operational control will not be transferred to AAR Aircraft Services, Indianapolis. Therefore, all references and requirements for these units are deleted for this review, 097-21245-00559. The four (4) paint booths, identified as emission unit 017 and 018 in Section D.5, will not be transferred to AAR. The typographical error in the existing Condition D.5.1 referencing Condition 13 of the Construction Permit CP096-00156-01 is now changed to reference Condition 15. The deletion of Conditions D.5.4 and D.5.10 causes a subsequent renumbering of the remaining conditions in Section D.5. In addition, Condition D.**1**~~5.~~**9**~~11~~(a)(1) and (2) can be combined. The jet fuel storage tanks in Section D.6 will be transferred to AAR along with portions of equipment or operations specified in Sections D.7, D.8 and D.9. The deletion of existing references and requirements in the existing Sections D.1 through D.5 causes a subsequent renumbering of Sections D.5 through D.9 as D.1 through D.5, respectively. The emission unit identified as Hangar 7a that was listed on page 57 of the Part 70 Operating Permit, T097-9602-00156, was not included in the Technical Support Document or the listing of Specifically Regulated Insignificant Activities and is deleted from the equipment description box in Section D.**4**.~~8~~. The following changes were made to Sections D.1 through **D.5** ~~D.9~~:

SECTION D.1 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5-(15)]:

~~(m) Painting and mixing operations including:~~

~~(1) Two (2) paint booths, located in the Composite shop, identified as emission unit 017, using high volume low pressure (HVLP) spray application systems, with dry filters for particulate matter control, exhausting to two stacks 017a and 017b, installed in 1995.~~

~~(2) Two (2) paint booths, located in the Machine Shop and the Interior Shop, respectively, identified as emission unit 018, using high volume low pressure (HVLP) spray application systems, with dry filters for particulate matter control, exhausting to tow stacks 018a and 018b, installed in 2000 and 2001, respectively.~~

(a) ~~(n) Eight (8)~~ **Five (5)** service hangars with activities relating to the coating of aircraft parts identified as emissions unit EU-013, service hangars 1, 2, 3, ~~4,~~ 5 **and** 6~~, 7 and 7a~~ are used for routine and non routine maintenance, with paint booths using high volume, low pressure (HVLP) spray application systems~~, and all hangars consisting of two enclosed bays. Hangar 4 is an external hangar used for routine and non routine maintenance~~. **The table below summarizes the startup dates for each hangar:**

Hangar	Date Operation Began
Hangar 1	**March 27, 1994**
Hangar 2	**December 13, 1994**
Hangar 3	**February 15, 1995**
Hangar 5	**September 1, 1995**
Hangar 6	**December 13, 1996**

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.**1**~~5~~.1 Volatile Organic Compound (VOC) [326 IAC 8-1-6] [CP096-00156-01 Condition 15]

Pursuant to CP096-00156-01 Condition **15** ~~13~~, issued November 25, 1996, and to operating procedures outlined in the top down BACT analysis in accordance with 326 IAC 8-1-6, the Permittee shall achieve Best Available Control Technology for coatings used in the Service Hangars and Indirect Support Shops as specified below:

(a) The Permittee shall not apply to aerospace components any coating in the following categories with a VOC content in excess of the following limits (except as noted in condition b), expressed as grams of VOC per liter (lbs/gal) of coating as applied, excluding water:

Coating Category	VOC Content	
	g/liter	lbs/gal
Primer – coatings applied directly to the aerospace component for the purpose of corrosion prevention, protection from the environment, functional fluid resistance and adhesion of subsequent coatings.	350	2.9
Adhesive bonding primer – coatings applied in a very thin film to aerospace metal for the primary purpose of providing a primer for a subsequent coating of structural adhesive.	850	7.1
Interior Topcoat – coating used in interior habitable spaces of aircraft.	340	2.8
Electric or Radiation Effect Coating – Electrical conductive or insulative coatings	800	6.7

Coating Category	VOC Content	
	g/liter	lbs/gal
and coatings used on radar and antennae enclosures.		
Extreme Performance and Interior Topcoat – A topcoat used in interior spaces of the aircraft areas requiring fluid, stain or nicotine barrier.	420	3.5
Fire Insulation Coating – Coatings used to provide a layer of insulation in the event of an aircraft or engine fire.	600	5.0
Fuel Tank Coating – Coatings applied to the interior of a fuel tank or fuel wetted area of the aircraft to protect it from corrosion.	720	6.0
High Temperature Coating – A coating that during its normal use must withstand temperatures in excess of 350 degrees Fahrenheit.	720	6.0
Sealant – A coating applied for the purpose of filling voids and providing a barrier against penetration of water, fuel or other fluids or vapors.	600	5.0
Self-priming Topcoat – A coating applied directly to the aerospace component that is not subsequently over coated.	420	3.5
Topcoat – Coatings applied over a primer or intermediate coating for the purposes such as appearance, identification or protection.	420	3.5
Pretreatment Wash Primer – A coating which contains a minimum of 0.5% acid by weight for surface etching and is applied directly to a bare metal surface to provide corrosion resistance and adhesion.	420	3.5
Sealant Bonding Primer – A coating applied in a very thin film to an aerospace component for the purposes of providing a primer for subsequent coat of a silicon sealant.	720	6.0
Temporary Protection Coating – A coating applied to an aerospace component to protect it from any mechanical or environmental damage during manufacturing.	250	2.1

(b) The aforementioned coating requirements shall not apply to:

(1) Application of coating to assembled printed circuit boards

(2) Coating of paper, fabrics and films

(3) Applications of adhesives

(4) Use of Adhesive bonding primers that have a cure temperature in excess of 325F

(5) Use of hand held non refillable aerosol cans

(6) Application of coatings by template or hand in order to add designs, letters and/or numbers to the products

(7) Application of a solid film lubricant (anti chafe coating)

(8) Coating of test panels used to evaluate coating performance

(9) Use of low usage coating which are coating with separate formulations that are used in volumes of less than 20 gallons per calendar year, provided that the requirements of D.**1** ~~5~~.1(c) are met and no more than 200 gallons of low usage coatings may be classified as exempt per year.

(c) Annually the Permittee shall provide a list in writing to OES of coatings to be covered under the low usage exemptions D.**1** ~~5~~.1(b)(9) for the following calendar year, the expected volume to be used and the maximum VOC content. The Permittee shall notify OES in writing of any additional coatings added to this list during the calendar year.

(d) The Permittee shall maintain a document containing a list of all coatings with coating limitations which may be used during the following year, the coating category, the VOC limit for the coating category, the mix ratio (if applicable), and VOC content of the coating as applied expressed as pounds per gallon of coating less water. This document will be updated periodically and in the interim, memos containing the required information will be issued as needed for new coatings or reformulations of existing coatings.

(e) Compliance with the coating limitations shall be based on methods specified in 326 IAC 8-1-4(a).

(f) The Permittee shall utilize High Volume, Low Pressure (HVLP) and/or touch up guns transfer technology when applying coatings by spray. HVLP shall mean coating equipment which is used to apply coatings by means of a gun that operates between 0.1 and 10 psig air atomizing spray. Touch up guns shall mean small air spray equipment, including air brushes, that operate at no greater than 5 cfm air flow and no greater than 50 psig air pressure. These requirements do not apply to aerosol spray paint cans or the following:

(1) The application of coatings to surface areas with limited access due to visual impairment which requires a 360 degree spray gun extension.

(2) The application of waterborne extreme performance interior topcoat coating.

(3) The application of adhesive bonding primers and pretreatment was primers.

(4) The application of a textured finish coat. A textured finish coat shall be considered any coating used to produce a non smooth, patterned surface that is intentionally produced and applied as a final coat by spraying drops of coating over a previously applied base coat.

D.**1**~~5~~.2 General Provisions Relating to HAPs [326 IAC 20-1-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart GG, Table 1.

D.**1**~~5~~.3 Aerospace NESHAP [40 CFR 63 Subpart GG] [326 IAC 20]

This source is subject to the National Emission Standards for Hazardous Air Pollutants, 326 IAC 20, (40 CFR 63.741, Subpart GG), even though HAP emissions are less than the major source thresholds, because the potential to emit HAPs at the time of rule promulgation was assumed to be greater than the major source thresholds (based on EPA determination).

(a) Except for coating and coating operations listed in 40 CFR 63.742 or those coatings or coating operations listed in 40 CFR 63.741(f), the following conditions apply to uncontrolled primer coating operations. Organic HAP and VOC content limits: 350 grams/liter (2.9 lb/gal less water for HAP and less water and exempt solvents for VOC) as applied. Compliance shall be achieved through:

(1) using coatings below content limits, or

(2) using monthly volume weighted averaging (primers only) to meet content limits [40 CFR 63.745(e)]

(b) Except for the use of specialty coatings as defined in 40 CFR 63.742 or those coatings or coating operations listed in 40 CFR 63.741(f), the following conditions apply to

uncontrolled topcoat coating operations. Organic HAP and VOC content limit: 420 g/l (3.5 lb/gal less water for HAP, and less water and exempt solvents for VOC) as applied. [40 CFR 63.745(c)(3),(4)] Compliance shall be achieved through:

(1) using coatings below content limits, or

(2) Using monthly volume weighted averaging (topcoats) to meet content limits [40 CFR 63.745(e)]

(c) With respect to all coating applications operations, the following conditions apply:

(1) Pursuant to 40 CFR 63.745(b), minimize spills during handling and transfer of all materials. Pursuant to 40 CFR 63.748 minimize spills during handling and transfer of waste materials which contain HAPs.

(2) Pursuant to 40 CFR 63.745(f)(1), specific application techniques must be used.

(3) Pursuant to 40 CFR 63.745(f)(2), all application equipment must be operated according to manufacturer's specifications, company procedures, or operating procedures (whichever is more stringent).

(4) Pursuant to 40 CFR 63.745(g)(2), operating requirements must be followed for the application of primers or topcoats that contain inorganic HAP, including control with particulate filters (see Tables 1 through 4 of 40 CFR 63.745). Painting operation(s) must be shutdown if operated outside manufacturer's specified limits.

~~D.5.4 Particulate Matter (PM) [40 CFR 52, Subpart P]~~

~~Pursuant to CP096-00156-01, issued November 25, 1996, and 40 CFR 52 Subpart P, the PM from the four (4) paint booths (017 and 018) shall not exceed the pound per hour emission rate established as E in the following formula:~~

~~Interpolation of the data for the process weight rate up to sixty thousand (60,000) pounds per hour shall be accomplished by use of the equation:~~

~~$E = 4.10\ P^{0.67}$ where E = rate of emission in pounds per hour; and P = process weight rate in tons per hour~~

D.**1**~~5~~.**4**~~5~~ Particulate [326 IAC 6-3-2(d)]

Pursuant to 326 IAC 6-3-2(d), particulate from the surface coating processes shall be controlled by a dry particulate filter control device, and the Permittee shall operate the control device in accordance with manufacturer's specifications.

D.**1**~~5~~.**5**~~6~~ Preventive Maintenance Plan [326 IAC 2-7-5(13)]

A Preventive Maintenance Plan, in accordance with Section B.12 - Preventive Maintenance Plan, of this permit, is required for this facility and its control devices.

Compliance Determination Requirements

D. **1**~~5~~.**6**~~7~~ Volatile Organic Compounds [40 CFR 63, Subpart GG][326 IAC 20]

Compliance with the VOC content and usage limitations contained in Condition D.**1**~~5~~.1 and D.**1**~~5~~.3 shall be determined pursuant to 326 IAC 8-1-4(a)(3)(A) using formulation data supplied by the coating manufacturer. However, IDEM, OAQ, and OES reserve the right to determine compliance using Method 24 in conjunction with the analytical procedures specified in 326 IAC 8-

1-4.

D.**1**~~5~~.**7**~~8~~ VOC Emissions [40 CFR 63, Subpart GG][326 IAC 20]

Pursuant to 40 CFR 63.749(d)(1), for uncontrolled coatings that are not averaged, each 24 hour period is considered a performance test; for uncontrolled coatings which are averaged, each 30 day period is considered a performance test. An organic HAP content level determination is made pursuant to 40 CFR 63.750(c) and (d), and a VOC content level determination is made pursuant to 40 CFR 63.750(e) and (f). An initial performance test is required for all control devices used to control VOC and organic HAPs to demonstrate compliance with overall control efficiency requirements, pursuant to 40 CFR 63.749(d)(2).

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.**1**~~5~~.**8**~~9~~ Dry Particulate Filters [40 CFR 63, Subpart GG][326 IAC 20]

Pursuant to 40 CFR 63.751(c)(1), the Permittee shall, while the primer or topcoat application operations are occurring, continuously monitor the pressure drop across the system, and read and record pressure drop once per shift.

~~D.5.10 Visible Emissions Notations~~

~~The painting operations EU 18 have applicable monitoring conditions as specified below:~~

~~(a) Daily inspections shall be performed to verify the placement, integrity and particle loading of the filters. To monitor the performance of the dry filters, weekly observations shall be made of the over spray from the surface coating booth stack 018 while one or more of the booths are in operation. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports shall be considered a violation of this permit.~~

~~(b) Monthly inspections shall be performed of the coating emissions from the stack and the presence of over spray on the rooftops and the nearby ground. The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when a noticeable change in over spray emission, or evidence thereof of over spray emission is observed. The Compliance Response Plan shall be followed whenever a condition exists which should result in a response step. Failure to take response steps in accordance with Section C - Compliance Response Plan – Preparation, Implementation, Records and Reports shall be considered a violation of this permit.~~

~~(c) Additional inspections and preventive measures shall be performed as prescribed in the Preventive Maintenance Plan~~

~~(d) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation and Implementation shall be considered a violation of this permit.~~

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.**1**~~5~~.**9**~~11~~ Record Keeping Requirements

(a) To document compliance with Condition D.**1**~~5~~.1 **and 326 IAC 8-1-6**,

~~(1) The Permittee shall maintain a document containing a list of all coatings with coating limitations which may be used during the following year, the coating~~

~~category the VOC limit for the coating category, the mix ratio (if applicable), and VOC content of the coating as applied expressed as pounds per gallon of coating less water. This document will be updated periodically and in the interim, memos containing the required information will be issued as needed for new coatings or reformulations of existing coatings.~~

~~(2) Pursuant to Condition D.5.1 and 326 IAC 8-1-6,~~ the Permittee shall maintain documentation for all coatings containing the name of the coating**,** ~~and~~ VOC content as received and applied**, the mix ratio (if applicable), and the VOC content of the coating as applied expressed as pounds per gallon of coating less water.** Records shall include purchase orders, invoices, and material safety data sheets (MSDS) necessary to verify the type and amount used. Solvent usage records shall differentiate between those added to coatings and those used as cleanup solvents. **The documentation will be updated periodically and in the interim, memos containing the required information will be issued as needed for new coatings or reformulations of existing coatings.**

(b) Pursuant to 40 CFR 63.752(c)(2), for uncontrolled primer and topcoat applications that meet organic HAP and VOC content limits without averaging, the Permittee shall maintain documentation containing organic HAP and VOC contents as applied, data/calculations and test results used to determine HAP/VOC content as (H_i and G_i) and monthly usage.

(c) Pursuant to Conditions D.**1**~~5~~.1**,** ~~and~~ D.**1**~~5~~.3 and 40 CFR 63.752(c)(3), for "Low HAP content" primer and topcoat applications (as described in 40 CFR 63.752(c)(3)), the Permittee shall maintain documents containing annual purchase records, and data/calculations and test results used to determine H_i or HAP/VOC content as applied.

(d) Pursuant to Conditions D.**1**~~5~~.1**,** ~~and~~ D.**1**~~5~~.3 and 40 CFR 63.752(c)(4), for uncontrolled primer and topcoat applications complying with HAP or VOC content limits by averaging, the Permittee shall maintain documents containing: monthly volume weighted average values of HAP/VOC content (H_a and G_a), and data/calculations and test results used to calculate H_a and G_a.

(e) Pursuant to Conditions D.**1**~~5~~.1**,** ~~and~~ D.**1**~~5~~.3 and 40 CFR 63.751(c)(1), the Permittee shall maintain a record of the pressure drop readings taken once per shift while the primer or topcoat applications are occurring.

(f) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.

D.**1**~~5~~.**10** ~~12~~ Reporting Requirements

(a) A semi-annual summary of the information to document compliance with Condition D.**1**~~5~~.1 and D.**1**~~5~~.3 of this permit shall be submitted to the addresses listed in Section C - General Reporting Requirements within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). This summary shall include information that identify:

(1) For uncontrolled primer and topcoat applications that meet organic HAP and VOC content limits without averaging, each value of HAP/VOC content as (H_i and G_i) that exceeds the applicable HAP or VOC content limit specified in 40 CFR 63.745(c).

(2) for uncontrolled primer and topcoat applications complying with HAP or VOC content limits by averaging, each value of H_a and G_a that exceeds the applicable HAP or VOC content limit specified in 40 CFR 63.745(c).

(3) a statement certifying compliance with all requirements of 40 CFR 63, Subpart GG.

(b) An annual written report to document compliance with Conditions D.**1**~~5~~.1(c) shall be submitted to OES including:

(1) coatings to be covered under the low usage exemptions D.**1**~~5~~.1(b)(9) for the following calendar year,

(2) the expected volume to be used and the maximum VOC content.

(3) The Permittee shall notify OES in writing of any additional coatings added to this list during the calendar year.

(c) An annual report listing the number of times that the pressure drop for each dry filter system was outside the limits specified by the filter or booth manufacturer. [40 CFR 63.753(c)(2)]

~~Facility Description [326 IAC 2-7-5(15)]:~~

~~(a) Boiler # 1, manufactured by Cleaver Brooks, identified as emission unit 001, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 12.6 million British thermal units (MMBtu/hr), using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 001, installed in 1993.~~

~~(b) Boiler # 2, manufactured by Cleaver Brooks, identified as emission unit 002, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 25.2 MMBtu/hr, using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 002, installed in 1993.~~

~~(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)~~

~~Emission Limitations and Standards [326 IAC 2-7-5(1)]~~

~~D.1.1 Particulate Matter (PM) [326 IAC 6-1-2(b)(5)][CP096-00156-01]~~

~~The requirements from CP096-00156-01, issued November 25, 1996, Condition 9 that particulate limits for the 12.6 and 25.2 million Btu/hour boilers are limited to 0.15 pounds per million Btu when combusting Jet A fuel, and that the particulate limits for the 12.6 and 25.2 million Btu/hour boilers are limited to 0.01 grains per dry standard cubic foot when burning Natural Gas pursuant to 326 IAC 6-1-2(b)(5), are no longer applicable since actual PM emissions do not exceed 10 tons per year and potential PM emissions for the entire source do not exceed 100 tons per year. Thus, Condition 9 of CP096-00156-01, is hereby rescinded.~~

~~D.1.2 Sulfur Dioxide (SO_2) [CP096-00156-01]~~

~~The requirements from CP096-00156-01, issued November 25, 1996, Condition 13 that the source should estimate the Jet A fuel equivalence in cubic feet of natural gas in order to stay below SO_2 emission limitations and to keep records of this usage was eliminated since equivalent natural gas greatly exceeds source wide potential natural gas usage. Thus, the Condition 13~~

~~requirement to estimate the Jet A fuel equivalence in cubic feet of natural gas in order to stay below SO_2 emission limitations and to keep records of this, is hereby rescinded.~~

~~D.1.3 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]~~

~~The provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the boilers described in this section except when otherwise specified in 40 CFR Part 60, Subpart Dc.~~

~~D.1.4 Sulfur Dioxide (SO_2) Limitations [326 IAC 7-1.1-1][40 CFR 60.42c(d)][326 IAC 12-1]~~

~~Pursuant to 326 IAC 7-1.1 (SO_2 Emissions Limitations) and 40 CFR 60, Subpart Dc (Standards of Performance for Small Industrial-Commercial-Institutional Steam Generating Units):~~

~~(a) While burning Jet A fuel (or off spec Jet A fuel in Boiler # 1), the SO_2 emissions from each of the 12.6 or 25.2 MMBtu per hour boilers shall not exceed five tenths (0.5) pounds per million Btu heat input; or~~

~~(b) The sulfur content of the Jet A fuel or Jet A off spec fuel shall not exceed five tents percent (0.5%) by weight. [40 CFR 60.42c(d)]~~

~~(c) Pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur content limit applies at all times, including periods of startup, shutdown , and malfunction.~~

~~(d) Pursuant to 40 CFR 60.42b(j), the Permittee shall ensure that the Jet A fuel or Jet A off spec fuel used meets the definition of a "very low sulfur oil," meaning oil that contains no more 0.5 weight percent sulfur or that when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 0.5 pounds per million Btu.~~

~~D.1.5 Particulate Matter (PM) [326 IAC 6-2-4]~~

~~Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from each of the boilers shall be limited to 0.423 pounds per MMBtu heat input.~~

~~This limitation is based on the following equation:~~

~~Where:~~

$$Pt = \frac{1.09}{Q^{0.26}}$$

~~Pt =Pounds of particulate matter emitted per million BTU (lb/MMBtu) of heat input~~

~~Q =Total source maximum operating capacity in million Btu per hour (MMBtu/hr) heat input. The maximum heating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit, in which case, the capacity specified in the operation permit shall be used.~~

~~D.1.6 Restrictions on Fuel Usage and Sulfur Contents [326 IAC 2-3] [CP096-00156-01]~~

~~(a) Pursuant to CP096-00156-01, issued November 25, 1996, the Permittee shall limit the combustion of Jet A fuel and/or Jet A off spec fuel as specified in the table below. Compliance with the fuel limitation shall be based on a 12 consecutive month period with~~

~~compliance determined at the end of each month. The fuel usage limitations under D.1.6 (which includes boilers under Section D.2) D.3.1, and D.4.1 equates to Sulfur Dioxide emissions of 99 tons per 12 consecutive month period. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply. The source has opted to retain the fuel limitations.~~

~~Facilities~~	~~Jet A Fuel and Off Spec Jet A Fuel~~
~~12.6, 25.2, and two (2) 122 MMBtu per hour boilers combined~~	~~4,725,730~~

~~The records for fuel usage shall be furnished to OES and/or IDEM within 10 days of request.~~

~~(b) Pursuant to CP096-00156-01, issued November 25, 1996, the Permittee shall limit the sulfur content of Jet A fuel (and off spec Jet A fuel) to less than 0.28 with percent. Compliance with this condition satisfies the requirements of 326 IAC 7-1.1-1, 40 CFR 60.42b(j), and 326 IAC 12 specified under Condition D.1.3. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~D.1.7 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B - Preventive Maintenance Plan, of this permit, is required for this facility and its control device.~~

~~Compliance Determination Requirements~~

~~D.1.8 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 7-2-1][40 CFR 60.42b][326 IAC 12]~~

~~(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that sulfur dioxide emissions do not exceed five-tenths (0.5) pounds per million Btu heat input by:~~

~~(1) Providing vendor analysis of fuel delivered, if accompanied by a vendor certification, or;~~

~~(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.~~

~~(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and~~

~~(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.~~

~~(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.~~

~~A determination of noncompliance pursuant to any of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.~~

~~Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]~~

~~D.1.9 Visible Emissions Notations~~

~~(a) Visible emission notations of the #1 and #2 boiler's stack exhaust shall be performed once per shift during normal daylight operations while burning Jet A fuel. A trained employee shall record whether emissions are normal or abnormal.~~

~~(b) For processes operated continuously, "normal" means those conditions prevailing, or expected to prevail, eighty percent (80%) of the time the process is in operation, not counting startup or shut down time.~~

~~(c) In the case of batch or discontinuous operations, readings shall be taken during that part of the operation that would normally be expected to cause the greatest emissions.~~

~~(d) A trained employee is an employee who has worked at the plant at least one (1) month and has been trained in the appearance and characteristics of normal visible emissions for that specific process.~~

~~(e) The Compliance Response Plan for this unit shall contain troubleshooting contingency and response steps for when an abnormal emission is observed. Failure to take response steps in accordance with Section C - Compliance Response Plan - Preparation, Implementation, Records, and Reports, shall be considered a deviation from this permit.~~

~~Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.1.10 Record Keeping Requirements~~

~~(a) To document compliance with Condition D.1.4 and D.1.6, the Permittee shall maintain records in accordance with (1) through (6) below. Note that pursuant to 40 CFR 60 Subpart Dc, the fuel oil sulfur limit applies at all times including periods of startup, shutdown and malfunction.~~

~~(1) Calendar dates covered in the compliance determination period;~~

~~(2) Actual Jet A and off spec Jet A fuel usage since last compliance determination period and equivalent sulfur dioxide emissions;~~

~~(3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.~~

~~If fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:~~

~~(4) Fuel supplier certifications;~~

~~(5) The name of the fuel supplier; and~~

~~(6) A statement from the fuel supplier that certifies the sulfur content of the Jet A fuel.~~

~~The Permittee shall retain records of all recording/monitoring data and support information for a period of five (5) years, or longer if specified elsewhere in this permit, from the date of the monitoring sample, measurement, or report. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit.~~

~~(b) Pursuant to 40 CFR 60.48c(g), the Permittee shall record and maintain daily records of the amount of natural gas and Jet A fuel combusted per day.~~

~~(c) To document compliance with Condition D.1.9, the Permittee shall maintain records of visible emission notations of the EU1 and EU2 stack test exhaust while burning Jet A or off spec Jet A fuel.~~

~~(d) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit.~~

~~D.1.11 Reporting Requirements~~

~~(a) A certification, signed by the responsible official, that certifies all of the fuels combusted during the period. The natural gas fired boiler certification does require the certification by the responsible official as defined by 326 IAC 2-7-1(34).~~

~~(b) The natural gas boiler certification shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported.~~

~~(c) Quarterly summaries of the information to document compliance with Condition D.1.6 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

SECTION D.2 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]:
Specifically regulated insignificant activity:

(a) Four Jet A fuel storage tanks of a capacity of 25,000 gallons or approximately 95 cubic meters, with potential VOC emissions less than 3 pounds per hour and less than 10 tons per year located in the fuel farm on the east side of the maintenance facility. [326 IAC 12][40 CFR 60, Subpart Kb]

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.**2**~~6~~.1 Record Keeping Requirement [40 CFR 60, Subpart Kb][326 IAC 12]

Pursuant to the New Source Performance Standard 40 CFR 60.116b, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction or Modification Commenced after July 23, 1984, the Permittee shall keep readily accessible records showing the dimension or tank capacities of these jet **A fuel** Storage Tanks. These records shall be kept for the life of the source.

D.**2**~~6~~.2 Reporting Requirements

Pursuant to the New Source Performance Standard 40 CFR 60.116b, Subpart Kb, Standards of Performance for Volatile Organic Liquid Storage Vessels for Which Construction, Reconstruction or Modification Commenced after July 23, 1984, the Permittee shall notify IDEM, OAQ and OES within thirty (30) days when the maximum true vapor pressure of the liquid being stored in any tank exceeds 27.6 kilopascals (kPa). Available data on the maximum true vapor pressure of the liquid being stored shall be in accordance with 40 CFR Part 60.116b(e). The report submitted by

the Permittee requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).

~~Facility Description [326 IAC 2-7-5(15)]:~~

~~(c) Boiler # 3, manufactured by Nebraska, identified as emission unit 003, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 122 million British thermal units (MMBtu/hr), using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 003, installed in 1994.~~

~~(d) Boiler # 4, manufactured by Nebraska, identified as emission unit 004, with the capability of firing either natural gas or Jet A fuel, with a maximum heat input capacity of 122 MMBtu/hr, using a flue gas recirculation system as NO_x control, exhausting to one stack, identified as stack 004, installed in 1994.~~

~~(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)~~

~~Emission Limitations and Standards [326 IAC 2-7-5(1)]~~

~~D.2.1 Particulate Matter (PM) [326 IAC 6-1-2(b)(5)][CP096-00156-01]~~

~~The requirements from CP096-00156-01, issued November 25, 1996, Condition 9 that particulate limits for the two 122 million Btu/hour boilers, 003 and 004, are limited to 0.15 pounds per million Btu when combusting Jet A fuel, and that the particulate limits for the 122 million Btu/hour boilers, 003 and 004, are limited to 0.01 grains per dry standard cubic foot when burning Natural Gas pursuant to 326 IAC 6-1-2(b)(5), are no longer applicable since actual PM emissions do not exceed 10 tons per year and potential PM emissions for the entire source do not exceed 100 tons per year. Thus, Condition 9 of CP096-00156-01, is hereby rescinded.~~

~~D.2.2 Sulfur Dioxide (SO_2) [CP096-00156-01]~~

~~The requirements from CP096-00156-01, issued November 25, 1996, Condition 13 that the source should estimate the Jet A fuel equivalence in cubic feet of natural gas in order to stay below SO_2 emission limitations and to keep records of this usage was eliminated since equivalent natural gas greatly exceeds source wide potential natural gas usage. Thus, the Condition 13 requirement to estimate the Jet A fuel equivalence in cubic feet of natural gas in order to stay below SO_2 emission limitations and to keep records of this, is hereby rescinded.~~

~~D.2.3 Sulfur Dioxide (SO_2) [326 IAC 7-1.1-1][40 CFR 60.42b(j)][326 IAC 12]~~

~~Pursuant to 326 IAC 7-1.1-1 (SO_2 Emissions Limitations), the SO2 emissions from the boilers 003 and 004 shall not exceed five tenths (0.5) pound per million Btu heat input each while combusting Jet A fuel. Pursuant to 40 CFR60.42b(j), the Permittee shall ensure that the Jet A fuel used meets the definition of "very low sulfur oil," meaning oil that contains no more than 0.5 weight percent sulfur or that when combusted without sulfur dioxide emission control, has a sulfur dioxide emission rate equal to or less than 0.5 pounds per million Btu.~~

~~D.2.4 Particulate Matter (PM) [326 IAC 6-2-4]~~

~~Pursuant to 326 IAC 6-2-4 (Particulate Emission Limitations for Sources of Indirect Heating), the PM emissions from each boiler, 003 or 004, shall be limited to 0.251 pounds per MMBtu heat input.~~

~~This limitation is based on the following equation:~~

~~Where:~~

~~1.09~~

~~$Pt = \frac{}{} Q^{0.26}$~~

~~Pt = Pounds of particulate matter emitted per million BTU (lb/MMBtu) of heat input~~

~~Q = Total source maximum operating capacity in million Btu per hour (MMBtu/hr) heat input. The maximum heating capacity rating is defined as the maximum capacity at which the facility is operated or the nameplate capacity, whichever is specified in the facility's permit application, except when some lower capacity is contained in the facility's operation permit, in which case, the capacity specified in the operation permit shall be used.~~

~~D.2.5 Nitrogen Oxides (NO_x) [40 CFR 60 Subpart Db][326 IAC 12]~~

~~Pursuant to 40 CFR 60.44b(a) the emissions of nitrogen oxides (NO_x) for the 122 MMBtu per hour boilers 003 and 004 shall be limited to 0.1 pounds per million Btu each. Pursuant to 40 CFR 60.44b(h) the nitrogen oxide standard applies at all times including startup, shutdown and malfunctions. Pursuant to 40 CFR 60.44b(i) compliance with this emissions limitation shall be determined on a 30 day rolling average basis.~~

~~D.2.6 Restrictions on Fuel Usage and Sulfur Contents [326 IAC 2-3] [CP096-00156-01]~~

~~(a) The Permittee shall limit the combustion of Jet A fuel as specified in the table below. Compliance with the fuel limitation shall be based on a 12 consecutive month period with compliance determined at the end of each month. The sum of the fuel usage limitations under D.1.6 (which includes boilers under Section D.2) D.3.1, and D.4.1 equates to Sulfur Dioxide emissions of 99 tons per 12 consecutive month period. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply. The source has opted to retain the fuel limitations.~~

~~Facilities~~	~~Jet A Fuel and Off Spec Jet A Fuel~~
~~12.6, 25.2, and two (2) 122 MMBtu per hour boilers combined~~	~~4,725,730~~

~~The records for fuel usage shall be furnished to OES and/or IDEM within 10 days of request.~~

~~(b) Pursuant to CP096-00156-01, issued November 25, 1996, the Permittee shall limit the sulfur content of Jet A fuel to less than 0.28 with percent. Compliance with this condition satisfies the requirements of 326 IAC 7-1.1-1, 40 CFR 60.42b(j), and 326 IAC 12 specified under Condition D.2.3. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~D.2.7 Opacity [40 CFR 60.43b(f)][326 IAC 12]~~

~~Pursuant to 40 CFR 60 subpart Db, opacity from the two 122 MMBtu per hour boilers, 003 and 004, shall not be in excess of 20% opacity except for one 6 minute period per hour of not more than 27% opacity. This opacity limit only applies when combusting fuel oil (Jet A fuel). Pursuant to applicability determination made by EPA on May 29, 1998, the Jet A fuel is an "oil" within the meaning of NSPS subpart Db. Pursuant to 40 CFR 60.43b(g), the opacity standard shall apply at all times except during periods of startup, shutdown, malfunction, or whenever not combusting Jet A fuel or any other "oil."~~

~~D.2.8 General Provisions Relating to NSPS [326 IAC 12-1][40 CFR Part 60, Subpart A]~~

~~The provisions of 40 CFR Part 60, Subpart A – General Provisions, which are incorporated by reference in 326 IAC 12-1, apply to the boilers described in this section except when otherwise specified in 40 CFR Part 60, Subpart Db.~~

~~D.2.9 Preventive Maintenance Plan [326 IAC 2-7-5(13)]~~

~~A Preventive Maintenance Plan, in accordance with Section B – Preventive Maintenance Plan, of this permit, is required for this facility and its control device.~~

~~**Compliance Determination Requirements**~~

~~D.2.10 Sulfur Dioxide Emissions and Sulfur Content [326 IAC 7-2-1][40 CFR 60.42b][326 IAC 12]~~

~~(a) Pursuant to 326 IAC 3-7-4, the Permittee shall demonstrate that sulfur dioxide emissions do not exceed five-tenths (0.5) pounds per million Btu heat input by:~~

~~(1) Providing vendor analysis of fuel delivered, if accompanied by a certification, or;~~

~~(2) Analyzing the oil sample to determine the sulfur content of the oil via the procedures in 40 CFR 60, Appendix A, Method 19.~~

~~(A) Oil samples may be collected from the fuel tank immediately after the fuel tank is filled and before any oil is combusted; and~~

~~(B) If a partially empty fuel tank is refilled, a new sample and analysis would be required upon filling.~~

~~(b) Compliance may also be determined by conducting a stack test for sulfur dioxide emissions from the boiler using 40 CFR 60, Appendix A, Method 6 in accordance with the procedures in 326 IAC 3-6.~~

~~A determination of noncompliance pursuant to any of the methods specified in (a) or (b) above shall not be refuted by evidence of compliance pursuant to the other method.~~

~~D.2.11 Continuous Emissions Monitoring System(CEMS) for Nitrogen Oxides (NO_x) [326 IAC 3-5] [40 CFR 60 Subpart Db]~~

~~(a) Pursuant to 326 IAC 3-5 (Continuous Monitoring of Emissions), 326 IAC 2-1.1-11, 40 CFR 60, Subpart Db, a continuous monitoring system shall be installed, calibrated, maintained and operated for measuring nitrogen oxides from boilers 003 and 004, which meets the performance specifications.~~

~~(b) When nitrogen oxides emission data are not obtained because of continuous monitoring system breakdowns, repairs, calibration checks and zero and span adjustments, emission data will be obtained by using standby monitoring systems, Method 7, Method 7A, or other approved reference methods to provide emission data for a minimum of 75 percent of the operating hours in each steam generating unit operating day, in at least 22 out of 30 successive steam generating unit operating days.~~

~~D.2.12 Continuous Opacity Monitoring [326 IAC 3-5] [326 IAC 5-1-1(2)]~~

~~Pursuant to 326 IAC 3-5 (Continuous Monitoring of Emissions), 326 IAC 2-1.1-11, 40 CFR 60, Subpart Db, a continuous monitoring system shall be installed, calibrated, maintained and operated for measuring opacity from boilers 003 and 004, which meets the performance specifications of 326 IAC 3-5-2 and 40 CFR 60, Subpart Db.~~

~~D.2.13 NO_x Readings~~

~~(a) Pursuant to 326 IAC 3-5-2 (Continuous Monitoring of Emissions; Minimum Performance and Operating Specifications), the Nitrogen Oxide emissions from any combination of operating boilers identified as 003 and 004 shall be performed on a continuous basis using continuous emission monitoring (CEM) device(s) installed, calibrated, maintained and operated in compliance with all applicable requirements of 326 IAC 3-5 and 40 CFR 60 Appendix B.~~

~~(b) Appropriate response steps shall be taken in accordance with Section C.18 – Compliance Response Plan, Implementation, Records and Reports whenever the Nitrogen Oxides exceed 0.1 pounds per million Btu, determined on a 30 day rolling average basis, when combusting Natural Gas as indicated in Condition D.2.5. Failure to take response steps in accordance with Section C.18 – Compliance Response Plan, Implementation, Records and Reports shall be considered a violation of this permit.~~

~~D.2.14 Opacity Readings~~

~~(a) Appropriate response steps shall be taken in accordance with Section C.18 – Compliance Response Plan, Implementation, Records and Reports whenever the opacity exceeds 20% opacity except for one 6 minute period per hour of not more than 27% opacity. Failure to take response steps in accordance with Section C.18 – Compliance Response Plan, Implementation, Records and Reports shall be considered a violation of this permit.~~

~~Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.2.15 Record Keeping Requirements~~

~~(a) To document compliance with Condition D.2.3 and D.2.6, the Permittee shall maintain records in accordance with (1) through (6) below. Records maintained for (1) through (6) shall be taken monthly and shall be complete and sufficient to establish compliance with the SO_2 emission limits established in Condition D.2.3 and D.2.6.~~

~~(1) Calendar dates covered in the compliance determination period;~~

~~(2) Actual Jet A fuel usage since last compliance determination period and equivalent sulfur dioxide emissions;~~

~~(3) To certify compliance when burning natural gas only, the Permittee shall maintain records of fuel used.~~

~~If fuel supplier certification is used to demonstrate compliance the following, as a minimum, shall be maintained:~~

~~(4) Fuel supplier certifications:~~

~~(5) The name of the fuel supplier; and~~

~~(6) A statement from the fuel supplier that certifies the sulfur content of the Jet A fuel.~~

~~(b) To document compliance with Condition D.2.7 and D.2.12, the Permittee shall maintain records in accordance with (1) through (5) below:~~

~~(1) Data and results from the most recent stack test,~~

~~(2) All continuous monitoring data, pursuant to 326 IAC 3-5 and 40 CFR 60, Subpart Db,~~

~~(3) All preventive measures taken.~~

~~(c) To document compliance with Condition D.2.5, the Permittee shall maintain records in accordance with (1) through (10) below. Records maintained for (1) through (10) shall be taken daily and shall be complete and sufficient to establish compliance with the NO_x emission limit established in Condition D.2.5.~~

~~(1) Calendar Date~~

~~(2) The average hourly nitrogen oxides emission rates (expressed as NO_x)(ng/J or lb/million Btu heat input) measured or predicted.~~

~~(3) The 30 day average nitrogen oxides emission rates (ng/J or lb/million Btu heat input) calculated at the end of each steam generating unit operating day from the measured or predicted hourly nitrogen oxide emission rate from the preceding 30 steam generating unit operating days.~~

~~(4) Identification of the steam generating unit operating days when the calculated 30 day average nitrogen oxides emission rates are in excess of the nitrogen oxides emission standards under 60.44b, with the reasons for such excess emissions as well as a description of corrective actions taken.~~

~~(5) Identification of the steam generating unit operating days for which pollutant data have not been obtained, including reasons for not obtaining sufficient data and a description of corrective actions taken.~~

~~(6) Identification of the times when emission data have been excluded from the calculation of the average emission rates and the reasons for excluding data.~~

~~(7) Identification of "F" factor used for calculations, methods of determination, and type of fuel combusted.~~

~~(8) Identification of the times when the pollutant concentration exceeded full span of the continuous monitoring system.~~

~~(9) Description of any modifications to the continuous monitoring system that could affect the ability of the continuous monitoring system to comply with Performance Specification 2 or 3.~~

~~(10) Results of daily CEMS drift tests and quarterly accuracy assessments as required under appendix F, Procedure 1.~~

~~(d) To document compliance with the record keeping requirements of 40 CFR 60.49b(d), the Permittee shall maintain records of the amount of natural gas and Jet A fuel combusted per day.~~

~~(e) All records shall be maintained in accordance with Section C - General Record Keeping Requirements, of this permit and the Permittee shall maintain records required under 326 IAC 3-5-6 at the source in a manner so that they may be inspected by the IDEM, OAQ, or the U.S.EPA, if so requested or required.~~

~~D.2.16 Reporting Requirements~~

~~(a) A natural gas boiler certification, signed by the responsible official, that certifies all of the fuels combusted during the period shall be submitted to the address listed in Section C-General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the six (6) month period being reported. The natural gas fired boiler certification does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(b) Quarterly summaries of the information to document compliance with Condition D.2.6 shall be submitted to the addresses listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

~~(c) A quarterly summary of excess opacity emissions, as defined in 326 IAC 3-5-7 and 40 CFR 60.63(d), from the continuous monitoring system shall be submitted to the address listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

SECTION D.3 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(b) The following degreasing operations that do not individually exceed 145 gallons per 12 months, except if subject to 326 IAC 20-6 [326 IAC 8-3]. ~~These degreasing operations are located throughout the center.~~

(1) ~~Parts Cleaner PW-01~~ **Ten (10) parts cleaners located in Hangars 1, 2, 3, 5 or 6.**
~~(2) Parts Cleaner PW-02~~
~~(3) Parts Cleaner PW-03~~
~~(4) Parts Cleaner PW-04~~
~~(5) Parts Cleaner PW-08~~
~~(6) Parts Cleaner currently located in the lower part of hangar 5-A, room 123.~~
~~(7) Parts Cleaner currently located in the lower part of hangar 6-A on the side wall.~~
~~(8) Parts Cleaner currently located in the lower part of hangar 6-A usually situated near the left wing of the aircraft.~~
~~(9) Parts Cleaner PW-11~~
~~(10) Parts Cleaner PW-12~~
~~(11) Parts Cleaner located in the lower part of hangar 7B~~
~~(12) Parts Cleaner PW-19~~
~~(13) Parts Cleaner in the Non Destructive Testing (NDT) area near the Magnaflux~~
~~(14) Parts Cleaner AC-10~~
~~(15) Parts Cleaner PW-20~~
~~(16) Parts Cleaner PW-06~~
~~(17) Parts Cleaner PW-09~~
~~(18) Parts Cleaner currently located in the lower cleaning room of hangar 7A.~~
~~(19) Parts Cleaner currently located in the upper cleaning room of hangar 7A~~

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.**3**~~7~~.1 Volatile Organic Compounds (VOC) [326 IAC 8-3-2]

Pursuant to 326 IAC 8-3-2 (Cold Cleaner Operations), for cold cleaning operations constructed after January 1, 1980, the owner or operator shall:

(a) Equip the cleaner with a cover;

(b) Equip the cleaner with a facility for draining cleaned parts;

(c) Close the degreaser cover whenever parts are not being handled in the cleaner;

(d) Drain cleaned parts for at least fifteen (15) seconds or until dripping ceases;

(e) Provide a permanent, conspicuous label summarizing the operation requirements; and

(f) Store waste solvent only in covered containers and not dispose of waste solvent or transfer it to another party, in such a manner that greater than twenty percent (20%) of the waste solvent (by weight) can evaporate into the atmosphere.

D.**3**~~7~~.2 Volatile Organic Compounds (VOC) [326 IAC 8-3-5]

(a) Pursuant to 326 IAC 8-3-5(a) (Cold Cleaner Degreaser Operation and Control), the owner or operator of a cold cleaner degreaser facility, construction of which commenced after July 1, 1990, shall ensure that the following control equipment requirements are met:

(1) Equip the degreaser with a cover. The cover must be designed so that it can be easily operated with one (1) hand if:

(A) The solvent volatility is greater than two (2) kiloPascals (fifteen (15) millimeters of mercury or three-tenths (0.3) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F));

(B) The solvent is agitated; or

(C) The solvent is heated.

(2) Equip the degreaser with a facility for draining cleaned articles. If the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), then the drainage facility must be internal such that articles are enclosed under the cover while draining. The drainage facility may be external for applications where an internal type cannot fit into the cleaning system.

(3) Provide a permanent, conspicuous label which lists the operating requirements outlined in subsection (b).

(4) The solvent spray, if used, must be a solid, fluid stream and shall be applied at a pressure which does not cause excessive splashing.

(5) Equip the degreaser with one (1) of the following control devices if the solvent volatility is greater than four and three-tenths (4.3) kiloPascals (thirty-two (32) millimeters of mercury) or six-tenths (0.6) pounds per square inch) measured at thirty-eight degrees Celsius (38°C) (one hundred degrees Fahrenheit (100°F)), or if the solvent is heated to a temperature greater than forty-eight and nine-tenths degrees Celsius (48.9^{O}C) (one hundred twenty degrees Fahrenheit (120°F)):

(A) A freeboard that attains a freeboard ratio of seventy-five hundredths (0.75) or greater.

(B) A water cover when solvent is used is insoluble in, and heavier than, water.

(C) Other systems of demonstrated equivalent control such as a refrigerated chiller of carbon adsorption. Such systems shall be submitted to the U.S. EPA as a SIP revision.

(b) Pursuant to 326 IAC 8-3-5(b) (Cold Cleaner Degreaser Operation and Control), the Permittee shall ensure that the following operating requirements are met:

(1) Close the cover whenever articles are not being handled in the degreaser.

(2) Drain cleaned articles for at least fifteen (15) seconds or until dripping ceases.

(3) Store waste solvent only in covered containers and prohibit the disposal or transfer of waste solvent in any manner in which greater than twenty percent (20%) of the waste solvent by weight could evaporate.

~~Facility Description [326 IAC 2-7-5(15)]:~~

~~(e) Emergency Generator #1, manufactured by Cummins, model number KTA39-G4, identified as emission unit 005, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as stack 005, installed in 1993.~~

~~(f) Emergency Generator #2, manufactured by Cummins, model number KTA39-G4, identified as emission unit 006, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as 006, installed in 1993.~~

~~(g) Emergency Generator #3, manufactured by Cummins, model number KTA39-G4, identified as emission unit 007, fired with Jet A fuel, with a maximum horsepower rating of 1,505, exhausting to one stack, identified as 007, installed in 1993.~~

~~(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions).~~

~~Emission Limitations and Standards [326 IAC 2-7-5(1)]~~

~~D.3.1 Restrictions on Fuel Usage [326 IAC 2-3] [CP096-00156-01]~~

~~(a) Pursuant to CP096-00156-01 Condition 13, issued November 25, 1996, the Permittee~~

~~shall limit the combustion of Jet A fuel as specified in the table below. Compliance with the fuel limitation shall be based on a 12 consecutive month period with compliance determined at the end of each month. The sum of the fuel usage limitations under D.1.6 (which includes boilers under Section D.2) D.3.1, and D.4.1 equates to Sulfur Dioxide emissions of 99 tons per 12 consecutive month period. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~Facilities~~	~~Jet A Fuel~~
~~Three 1,505 HP Cummins Emergency Generator Engines Combined~~	~~111,360~~

~~The records for fuel usage shall be furnished to OES and/or IDEM within 10 days of request.~~

~~(b) Pursuant to CP096-00156-01, issued November 25, 1996, the Permittee shall limit the sulfur content of Jet A fuel to less than 0.28 with percent. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~Compliance Determination Requirements~~

~~D.3.2 Sulfur Dioxide Emissions [326 IAC 7-1.1-1][326 IAC 3-6][326 IAC 3-7]~~

~~(a) Compliance with the SO_2 limit in Section D.3.1 shall be demonstrated utilizing one of the following options:~~

~~(1) Pursuant to 326 IAC 3-7-4 (Jet A fuel Sampling; Analysis Methods), sample and analyze each shipment of Jet A fuel received for sulfur content and heat content. Providing vendor analysis of fuel delivered, is an acceptable substitute for analysis, if accompanied by a certification, or~~

~~(2) Pursuant to 326 IAC 3-6 (Source Sampling Procedures), conduct a stack test for SO_2 emissions using 40 CFR Part 60 Appendix A Method 6, 6A, 6C or 8 or other approved method(s) in accordance with the procedures in 326 IAC 3-6.~~

~~(b) Pursuant to 326 IAC 7-2 (Sulfur Dioxide Compliance: Reporting and Methods to Determine Compliance), computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on the emission factors contained in the USEPA publication AP-42 "Compilation of Air Pollutant Emission Factors" unless other emission factors based on site specific sulfur dioxide measurements are approved by IDEM, OAQ and OES.~~

~~Compliance or noncompliance with distillate Jet A fuel fired combustion units shall be determined using a calendar month average sulfur dioxide emission rate in pounds per million Btu.~~

~~Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.3.3 Record Keeping Requirements~~

~~To document compliance with Condition D.3.1, the Permittee shall maintain records of calendar month average fuel sulfur content, heat content, fuel consumption and sulfur dioxide emission rate. Records maintained shall be complete and sufficient to establish compliance with the SO_2 emission rate established in Condition D.3.1~~

~~D.3.4 Reporting Requirements~~

~~A quarterly summary of the information to document compliance with Condition D.3.1 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

SECTION D.4 FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(c) The following grinding and machining operations **located in Hangar 1, 2, 3, 5 or 6 and** controlled with fabric filters, scrubbers, mist collectors, wet collectors, electrostatic precipitators, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations with uncontrolled potential to emit of less than five (5) pounds of PM-10 per hour and less than twenty five (25) pounds of PM-10 per day. [326 IAC 6-3]

~~(1) Grit Blast Cabinet BC-01~~ **Seven (7) Grit Blast Cabinets.**
~~(2) Grit Blast Cabinet BC-02~~
~~(3) Grit Blast Cabinet BC-06~~
~~(4) Grit Blast Cabinet BC-07~~
~~(5) Grit Blast Cabinet BC-14~~
~~(6) Grit Blast Cabinet BC-13~~
~~(7) Grit Blast Cabinet BC-09~~
~~(8) Grit Blast Cabinet BC-12~~
~~(9) Grit Blast Cabinet BC-10~~
~~(10) Grit Blast Cabinet BB-01~~
~~(11) Grit Blast Cabinet BC-02~~
~~(12) Grit Blast Cabinet BC-05~~
~~(13) Grit Blast Cabinet BC-15~~
~~(14) Grit Blast Cabinet BC-16~~
~~(15) Grit Blast Cabinet EE-02~~
~~(16) Grit Blast Cabinet PM-01~~
~~(17) Grit Blast Cabinet BC-08~~
~~(18) Grit Blast Cabinet BC-17~~
~~(19) Grit Blast Cabinet BC-18~~
~~(20) Grit Blast Room in the Sheet Metal Shop~~
~~(21) Grit Blast Cabinet BC-03~~
~~(22) Grit Blast Cabinet BC-04~~

(d) The following activities or categories not previously identified which have potential emissions less than significance thresholds listed under 326 IAC 2-7-1(21): [326 IAC 6-3]

(1) The following ~~five~~ emission units located **in Hangar 1, 2, 3, 5 or 6** ~~throughout the facility including the Sheet Metal Shop and Composite Shop~~ with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year:

(A) Downdraft Benches
(B) ECB Booth
(C) Fugitives (Cleaning)
(D) Sanding Benches
(E) Touchup Booths

~~(2) The following three emission units located in the Sheet Metal Shop and Composite Shop with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per: [326 IAC 6-3]~~

~~(A) Cleaning Room~~
~~(B) Dinol Room~~
~~(C) Fugitives (Cleaning)~~

~~(3) The emission unit identified as Hangar 7a with potential VOC emissions less than 3 pounds per hour, potential PM emissions less than 5 pounds per hour and potential HAP emissions less than 1 ton per year: [326 IAC 6-3]~~

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.**4** ~~8~~.1 Particulate [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2~~(c)~~ **(e)**, the allowable particulate emissions rate from any process not already regulated by 326 IAC 6**.5** -1 or any New Source Performance Standard, and which has a maximum process weight rate less than 100 pounds per hour shall not exceed 0.551 pounds per hour. Those processes are listed above.

Compliance Determination Requirements [326 IAC 2-7-6(1)][326 IAC 2-7-5(1)]

D.**4**~~8~~.2 Particulate Matter (PM)

In order to comply with D.**4**~~8~~.1, the dry filter systems for PM control shall be in operation and control emissions from the grit blast cabinets at all times that the grit blast cabinets are in operation.

~~Facility Description [326 IAC 2-7-5(15)]:~~

~~(h) Fire Pump Engine #1, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 008, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 008, and installed in 1993.~~

~~(i) Fire Pump Engine #2, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 009, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 009, and installed in 1993.~~

~~(j) Fire Pump Engine #3, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 010, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 010, and installed in 1993.~~

~~(k) Fire Pump Engine #4, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 011, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 011, and installed in 1993.~~

~~(l) Fire Pump Engine #5, manufactured by Detroit Diesel, model number DDFP-L8FA-8189F, identified as emission unit 012, fired with Jet A fuel, with a maximum horsepower rating of 480, exhausted out one stack, identified as stack 012, and installed in 1993.~~

~~(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)~~

~~Emission Limitations and Standards [326 IAC 2-7-5(1)]~~

~~D.4.1 Restrictions on Fuel Usage [326 IAC 2-3]~~

~~(a) Pursuant to CP096-00156-01 Condition 13, issued November 25, 1996The Permittee shall limit the combustion of Jet A fuel as specified in the table below. Compliance with the fuel limitation shall be based on a 12 consecutive month period with compliance determined at the end of each month. The sum of the fuel usage limitations under D.1.6 (which includes boilers under Section D.2) D.3.1, and D.4.1 equates to Sulfur Dioxide emissions of 99 tons per 12 consecutive month period. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~Facilities~~	~~Jet A Fuel~~
~~Five 480 HP Detroit Diesel Engines Combined~~	~~7,500~~

~~The records for fuel usage shall be furnished to OES and/or IDEM within 10 days of request.~~

~~(b) Pursuant to CP096-00156-01, issued November 25, 1996, the Permittee shall limit the sulfur content of Jet A fuel to less than 0.28 with percent. This condition carried over from CP096-00156-01 Condition 13 was in place so that 326 IAC 2-3 did not apply.~~

~~Compliance Determination Requirements~~

~~D.4.2 Sulfur Dioxide Emissions [326 IAC 7-1.1-1][326 IAC 3-6][326 IAC 3-7]~~

~~(a) Compliance with the SO_2 limit in Section D.4.1 shall be demonstrated utilizing one of the following options:~~

~~(1) Pursuant to 326 IAC 3-7-4 (Fuel Oil Sampling; Analysis Methods), sample and analyze each shipment of fuel oil received for sulfur content and heat content. Providing vendor analysis of fuel delivered is an acceptable substitute for analysis, if accompanied by a certification, or~~

~~(2) Pursuant to 326 IAC 3-6 (Source Sampling Procedures), conduct a stack test for SO_2 emissions using 40 CFR Part 60 Appendix A Method 6, 6A, 6C or 8 or other approved method(s) in accordance with the procedures in 326 IAC 3-6.~~

~~(b) Pursuant to 326 IAC 7-2 (Sulfur Dioxide Compliance: Reporting and Methods to Determine Compliance), computation of calculated sulfur dioxide emission rates from fuel sampling and analysis data shall be based on the emission factors contained in the USEPA publication AP-42 "Compilation of Air Pollutant Emission Factors" unless other emission factors based on site specific sulfur dioxide measurements are approved by IDEM, OAQ and OES.~~

~~Compliance or noncompliance with distillate Jet A fuel fired combustion units shall be determined using a calendar month average sulfur dioxide emission rate in pounds per million Btu.~~

~~Record Keeping and Reporting Requirements [326 IAC 2-7-5(3)] [326 IAC 2-7-19]~~

~~D.4.3 Record Keeping Requirements~~

~~To document compliance with Condition D.4.1, the Permittee shall maintain records of calendar month average fuel sulfur content, heat content, fuel consumption and sulfur dioxide emission rate. Records maintained shall be complete and sufficient to establish compliance with the SO_2 emission rate established in Condition D.4.1~~

~~D.4.4 Reporting Requirements~~

~~A quarterly summary of the information to document compliance with Condition D.4.1(a) shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit, using the reporting forms located at the end of this permit, or their equivalent, within thirty (30) days after the end of the quarter being reported. The report submitted by the Permittee does require the certification by the "responsible official" as defined by 326 IAC 2-7-1(34).~~

SECTION D.5 FACILITY CONDITIONS

Facility Description [326 IAC 2-7-5(15)]
Specifically regulated insignificant activity:

(e) Cleaners and solvents characterized as having a vapor pressure equal to or less than 2 kPa; 15 mm Hg; or 0.3 psi measured at 38°C (100 °F) or having a vapor pressure equal to or less than 0.7 kPa; 5 mm Hg; or 0.1 psi measured at 20°C (68 °F); the use of which for all cleaners and solvents combined does not exceed 145 gallons per 12 months. Cleaning operations include hand wiping and spray gun cleaning. These activities are located **in Hangar 1, 2, 3, 5 and 6** ~~throughout the Center~~. Potential VOC emissions are less than 3 pounds per hour and potential HAP emissions are less than 1 ton per year. [40 CFR 63, Subpart GG][326 IAC 20]

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.**5**~~9~~.1 General Provisions Relating to HAPS [326 IAC 20-1][40 CFR Part 63, Subpart A]

The provisions of 40 CFR Part 63, Subpart A – General Provisions, which are incorporated as 326 IAC 20-1-1, apply to the facility described in this section except when otherwise specified in 40 CFR Part 63, Subpart GG, Table 1.

D.**5**~~9~~.2 Aerospace NESHAP [40 CFR 63 Subpart GG][326 IAC 20]

This facility is subject to the National Emission Standards for Hazardous Air Pollutants for Aerospace Manufacturing and Rework Facilities, 326 IAC 20-15 (40 CFR 63.741, Subpart GG).

Cleaning Solvent Type	Composition Requirements
Aqueous	Cleaning solvents in which water is the primary ingredient (> 80 percent of cleaning solvent solution as applied must be water). Detergents surfactants, and bioenzyme mixtures and nutrients may be combined along with a variety of additives, such as organic solvents (e.g. high boiling point alcohols, builders, saponifiers, inhibitors, emulsifiers, pH buffers, and antifoaming agents). Aqueous solutions must have a flash point greater than 93 C (200F) (as reported by the manufacturer), and the solution must be miscible with water.

Hydrocarbon Based	Cleaners that are composed of photochemically reactive hydrocarbons and/or oxygenated hydrocarbons and have a maximum vapor pressure of 7 mm Hg at 20C (3.75 in H20 and 68F). Those cleaners also contain no HAP.

(a) The following housekeeping requirements apply pursuant to 40 CFR 63.744(a) unless the cleaning solvent used is identified in Table 1 of 40 CFR 63.744 (shown above), or contains HAP and VOC below the deminimus levels specified in 40 CFR 63.741(f).

(1) Pursuant to 40 CFR 63.744(a)(1), the Permittee shall place cleaning solvent laden cloth, paper or other absorbent applicators in bags or other closed containers upon completing their used.

(2) Pursuant to 40 CFR 63.744(a)(2), the Permittee shall store fresh and spent cleaning solvents (except semi-aqueous) in closed containers.

(3) Pursuant to 40 CFR 63.744(a)(3), the Permittee shall conduct the handling and transfer of cleaning solvents to or from enclosed systems, vats, waste containers, and other cleaning operation equipment that hold or store fresh or spent cleaning solvents in a way which minimizes spills.

(b) Except for the cleaning of spray gun equipment performed in accordance with 40 CFR 63.744(c)(3), all hand wipe cleaning solvents must meet the composition requirements identified in Table 1 of 40 CFR 63.744 (above) or have a composite vapor pressure at or below 45 mm Hg at 20C.

(c) For spray gun cleaning operations, the Permittee shall use one of the four specified techniques or their equivalent, pursuant to 40 CFR 63.744(c).

(d) For enclosed spray gun cleaners, if leaks are found during the monthly inspection, source should repair as soon as practicable, but within 15 days, pursuant to 40 CFR 63.744(c)(1)(ii).

(e) If cleaning solvent solutions that contain HAP and VOC below the deminimis levels are used, those cleaning operations using such solutions are exempt from the requirements of 40 CFR 63.744(c)

(f) For flush cleaning operations source must empty used cleaning solvent into enclosed container, collection system, or system with equivalent emission control pursuant to 40 CFR 63.744(d).

Compliance Determination Requirements

D.**5**~~9~~.3 Hand Wipe Cleaning [40 CFR 63.749(c)(1)]

An affected hand wipe cleaning operation shall be considered in compliance when all hand wipe cleaning solvents, excluding those used for hand wipe cleaning of spray gun equipment under 40 CFR 63.744(c), meet either the composition requirements specified in 40 CFR 63.744(b)(1) or the vapor pressure requirement specified in 40 CFR 63.744(b)(2).

D.**5**~~9~~.4 Spray Gun Cleaning [40 CFR 63.749(c)(2)]

An affected spray gun cleaning operation shall be considered in compliance when each of the following conditions is met:

(a) One of four techniques specified in 40 CFR 63.744(c)(1) through (c)(4) is used:

(b) The technique selected is operated according to the procedures specified in 40 CFR 63.744(c)(1) through (c)(4) as appropriate; and

(c) If an enclosed system is used, monthly visual inspections are conducted and any leak detected is repaired within 15 days after detection. If the leak is not repaired by the 15th day after detection, the solvent shall be removed and the enclosed cleaner shall be shutdown until the cleaner is repaired or its use is permanently discontinued.

D.5~~9~~.5 Flush Cleaning [40 CFR 63.749(c)(3)]

An affected flush cleaning operation shall be considered in compliance if the operating requirements specified in 40 CFR 63.744(d) are implemented and carried out.

D.5~~9~~.6 Compliance Test Methods for Cleaning Operations [40 CFR 63.750(a) and (b)]

Permittee shall make composition determinations using manufacturing data [40 CFR 63.750(a)] or a vapor Pressure determination using readily available sources such as MSDS if single component; composite vapor pressure determined by manufacturer's supplied data or ASTM E 260-91 and by equation provided for multiple component solvents. [40 CFR 63.750(b)]

Compliance Monitoring Requirements [326 IAC 2-7-6(1)] [326 IAC 2-7-5(1)]

D.5~~9~~.7 Monitoring Requirements for Cleaning Operations [40 CFR 63.751(a)]

Permittee shall conduct monthly visual leak inspection for enclosed spray gun cleaners in accordance with the requirements of 40 CFR 63.751(a).

Record Keeping and Reporting Requirement [326 IAC 2-7-5(3)] [326 IAC 2-7-19]

D.5~~9~~.8 Record Keeping Requirements

(a) Pursuant to 40 CFR 63.752(b)(2), each cleaning solvent used in hand wipe cleaning operations that complies with the composition requirements specified in 40 CFR 63.744(b)(1) or for semi aqueous cleaning solvents used for flush cleaning operations:

(1) The name of each cleaning solvent used;

(2) all data and calculations that demonstrate that the cleaning solvent complies with one of the composition requirements; and

(3) annual records of the volume of each solvent used, as determined from facility purchase records or usage records.

(b) For each cleaning solvent used in hand wipe cleaning operations that does not comply with the composition requirements in 40 CFR 63.744(b)(1), but does comply with the vapor pressure requirements in 40 CFR 63.744(b)(2):

(1) The name of each cleaning solvent used;

(2) the composite vapor pressure of each cleaning solvent used;

(3) all vapor pressure test results, if appropriate data and calculations used to determine the composite vapor pressure of each cleaning solvent; and

(4) the amount (in gallons) of each cleaning solvent used each month at each operation.

(c) For each cleaning solvent used for the exempt hand wipe cleaning operations specified in 40 CFR 63.744(e) that does not conform to the vapor pressure or composition requirements of 40 CFR 63.744(b):

(1) The identity and amount (in gallons) of each cleaning solvent used each month at each operation; and

(2) a list of processes set forth in 40 CFR 63.744(e) to which the cleaning operation applies.

(d) A record of all leaks from enclosed spray gun cleaners identified pursuant to 40 CFR 63.751(a) that includes, for each leak found;

(1) Source identification;

(2) Date leak was discovered; and

(3) Date leak was repaired.

D.**5**~~9~~.9 Reporting requirements for cleaning operations [40 CFR 63.753(b)]

A semi-annual summary of the information to document compliance with Condition D.**5**~~9~~.2 shall be submitted to the address(es) listed in Section C - General Reporting Requirements, of this permit within thirty (30) days after the end of the six (6) month period being reported. The report submitted by the Permittee requires the certification by the "responsible official" as defined by 326 IAC 2-7-1(34). The summary shall include:

(a) Statement certifying compliance. [40 CFR 63.753(b)(1)(v)]

(b) Semiannual report for hand wiping operations' noncompliant cleaning solvent used. [40 CFR 63.753(b)(1)(i)]

(c) Semiannual report of all new cleaning solvents and their composite vapor pressure or notifications of compliance with composition requirements. [40 CFR 753(b)(1)(ii)]

(d) Semiannual report of noncompliant spray gun cleaning method used. [40 CFR 63.753(b)(1)(iii)]

(e) Leaks from enclosed spray gun cleaners not repaired within 15 days. [40 CFR 63.753(b)(1)(iv)]

Change 9

Because the boilers, generators and fire pumps will not have operational control transferred to AAR, the Natural Gas Boiler Certification Form, the Part 70 Quarterly Usage Report Form and the two (2) Continuous Opacity Monitoring Report Forms are deleted from this review, 097-21245-00559, for AAR Aircraft Services, Indianapolis.

Change 10

All references to the mailing address of IDEM, OAQ throughout the Part 70 Operating Permit have been revised to the new mail address as follows:

Indiana Department of Environmental Management
Office of Air Quality
100 North Senate Avenue~~, P.O. Box 6015~~
Indianapolis, Indiana ~~46206-6015~~ **46204**

October 14, 2005

Kyle Kadinger
General Manager
AAR Aircraft Services, Indianapolis
2825 West Perimeter Road
Indianapolis, Indiana 46241

Certified Mail 7000 0600 0023 5187 0304

RE: 097-21245-00559
First Administrative Amendment to
Part 70 Permit T097-9602-00156

Dear Mr. Kadinger:

The Indianapolis Airport Authority was issued a Part 70 Operating Permit, T097-9602-00156, on June 26, 2003 for an aerospace vehicle maintenance center located at 2825 West Perimeter Road, Indianapolis, Indiana 46241. A request for an Administrative Amendment to this Part 70 Operating Permit was received from AAR Aircraft Services, Indianapolis on May 4, 2005.

AAR Aircraft Services, Indianapolis (AAR) requested that the existing Part 70 Operating Permit for this source, T097-9602-00156, be administratively amended to allow the transfer of operational control of portions of existing permitted equipment or operations under T097-9602-00156 to AAR Aircraft Services, Indianapolis or Indianapolis Diversified Machining, Inc. AAR's transfer of operational control application of May 4, 2005 is assigned as 097-21245-00559. Indianapolis Diversified Machining, Inc. transfer of operational control application of May 25, 2005 is assigned as 097-21325-00560. IAA's administrative amendment request application of May 9, 2005 to retain operational control of specified equipment or operations is assigned as 097-21243-00156. The Indianapolis Airport Authority (IAA) stated that the powerhouse, emergency power equipment and Hangar 7 operations must remain in the Part 70 Operating Permit for IAA.

The request to transfer or retain specified portions of existing permitted equipment or operations in each of these applications does not involve an increase in potential to emit or an increase in limited potential to emit regulated pollutants. The application request does not involve the addition of any new or modified equipment and does not involve the revision of any existing applicable requirement. Therefore, this request qualifies as an administrative permit amendment under 326 IAC 2-7-11(a)(4), a change that "Allows for a change in operational control of a source where the commissioner determines that no other change in a Part 70 permit is necessary".

A review of collocated source issues is discussed in the attached Technical Support Document for an Administrative Amendment to a Part 70 Operating Permit and is stated in a new Condition A.2 (Part 70 Source Definition) as described below.

Pursuant to the provisions of 326 IAC 2-7-11, the Part 70 Operating Permit is hereby administratively amended to transfer operational control of emission units and activities associated with Hangar 1, 2, 3, 4, 5 and 6 to AAR Aircraft Services as described in the attached Technical Support Document for an Administrative Amendment to a Part 70 Operating Permit.

The page numbering in the Table of Contents has been updated to reflect the effect of the Amendment on the renumbering of pages. All other conditions of the permit shall remain unchanged and in effect. Please find enclosed a copy of the entire Part 70 Operating Permit with the amendment revisions.

Department of Public Works
Office of Environmental Services
2700 South Belmont Avenue (317) 327-2234
Indianapolis, Indiana 46221 (fax) 327-2274
(TDD) 325-5186
www.indygov.org

This decision is subject to the Indiana Administrative Orders and Procedures Act – IC 4-21.5-3-5. If you have any questions on this matter, please contact Mr. Mark Caraher at (317) 327-2272.

Sincerely,

ORIGINAL SIGNED BY:

Felicia A. Robinson
Manager of Environmental Planning

Enclosure: Amended Part 70 Operating Permit
Technical Support Document

Cc: files
Matt Mosier, OES Compliance
Mindy Hahn, IDEM, OAQ
Marion County Health Department
USEPA, Region 5

MBC