



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Lazarus Gov. Center

**RE: DRAFT PERMIT TO INSTALL MODIFICATION
BUTLER COUNTY
Application No: 14-04572**

CERTIFIED MAIL

DATE: 7/1/2003

CTL Aerospace Inc.
LeRoy Euvrard
2230 Burnet Avenue
Cincinnati, OH 45219

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit modification should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install modification may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install modification a fee of \$ 0 will be due. Please do not submit any payment now.

The Ohio EPA is urging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Very truly yours,

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA HCDES

Ohio-Kentucky-Indiana Regional Council of Governments

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BUTLER COUNTY

PUBLIC NOTICE
ISSUANCE OF DRAFT PERMIT TO INSTALL 14-04572 FOR AN AIR CONTAMINANT SOURCE FOR
CTL AEROSPACE INC.

On 7/1/2003 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **CTL Aerospace Inc.**, located at **5616 Spellmire Drive, Union Township, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 14-04572:

Administrative modification to limit facility-wide VOC emissions.

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Harry Schweitering, Hamilton County Department of Environmental Services, 250 William Howart Taft Pkwy, Cincinnati, OH 45219-2660 [(513)946-7777]



**Permit To Install
Terms and Conditions**

**Issue Date: To be entered upon final issuance
Effective Date: To be entered upon final issuance**

DRAFT MODIFICATION OF PERMIT TO INSTALL 14-04572

Application Number: 14-04572
APS Premise Number: 1409000646
Permit Fee: **To be entered upon final issuance**
Name of Facility: CTL Aerospace Inc.
Person to Contact: LeRoy Euvrard
Address: 2230 Burnet Avenue
Cincinnati, OH 45219

Location of proposed air contaminant source(s) [emissions unit(s)]:
**5616 Spellmire Drive
Union Township, Ohio**

Description of proposed emissions unit(s):
Administrative modification to limit facility-wide VOC emissions.

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described source(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

CTL Aerospace Inc.

Facility ID: 1409000646

PTI Application: 14-04572

Issued: To be entered upon final issuance

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

- a. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
- b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

3. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any

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information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

5. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

6. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

7. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

8. Termination of Permit to Install

This Permit to Install shall terminate within eighteen months of the effective date of the Permit to Install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may

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lead to such sanctions

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and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

10. Public Disclosure

The facility is hereby notified that this permit, and all agency records concerning the operation of this permitted source, are subject to public disclosure in accordance with OAC rule 3745-49-03.

11. Applicability

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

12. Best Available Technology

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

13. Source Operation and Operating Permit Requirements After Completion of Construction

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete

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Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit..

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit to Install fees within 30 days after the issuance of this Permit to Install.

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	21.0

PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>
R005 - Blowtherm repair booth - modified	OAC rule 3745-31-05(A)(3)
	OAC rule 3745-31-05(D)
	OAC rule 3745-21-07(G)(2)
	OAC rule 3745-21-09(U)(2)(f)

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Emissions Unit ID: **R005**

Applicable Emissions
Limitations/Control Measures

See terms A.2.a, A.2.b, A.2.c and B.1.

The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-07(G)(2), OAC rule 3745-21-09(U)(2)(f) and OAC rule 3745-31-05(D).

24.9 TPY VOC from emissions units R003, R005 and P009 combined, based on a rolling, 12-month summation.

See terms A.2.d and A.2.e.

The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-31-05(A)(3).

The requirements established pursuant to this rule are equivalent to the requirements of OAC rule 3745-31-05(A)(3).

Issued: To be entered upon final issuance**2. Additional Terms and Conditions**

- 2.a** The volatile organic compound (VOC) emissions shall not exceed the following when coating metal parts:
- i. 67 pounds per day and 12.2 tons per year from coatings.
 - ii. 8 pounds per day and 1.5 tons per year from liquid organic cleaning material.
- 2.b** The VOC emissions shall not exceed the following when coating non-metal parts:
- i. 8 pounds per hour, 40 pounds per day and 7.3 tons per year combined from coatings and liquid organic cleanup material.
- 2.c** The VOC content as applied of any coating employed shall not exceed 6.7 pounds per gallon, including water and exempt solvents.
- 2.d** The total volatile organic compound (VOC) emissions from all the aerospace manufacturing and rework operations and associated cleaning and washoff processes located at this facility shall not exceed 24.9 TPY based on a rolling, 12-month summation. The 24.9 TPY rolling, 12-month summation included emissions from non-metal and metal coating. "Coating" means a protective, decorative, or functional material applied in a thin layer to a surface. Such materials include, but are not limited to, paints, topcoats, varnishes, sealers, stains, washcoats, basecoats, inks and temporary protective coatings. "Cleaning material" means organic solvent used to remove coating materials from equipment used in aerospace manufacturing and rework operations. "Washoff material" means organic solvent used to remove coating from a substrate. "Volatile organic compound" means any volatile organic compound as defined in OAC rule 3745-21-01(B)(6).
- 2.e** The total allowable emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.
- 2.f** Compliance with OAC rule 3745-31-05(A)(3) shall be determined by compliance with the emission limits, usage limits, VOC content limits and compliance with the Air Toxics Policy.

B. Operational Restrictions

1. The coating usage shall not exceed 10 gallons per day for coating metal parts in this emissions unit.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each day when coating metal parts:
 - a. The name and identification number of each coating and liquid organic cleanup material employed.
 - b. The VOC content of each coating and liquid organic cleanup material employed, in pounds per gallon, as applied, including water and exempt solvents.
 - c. The volume, in gallons, of each coating and liquid organic cleanup material employed for coating metal parts.
 - d. The total volume, in gallons, of all of the coatings employed for coating metal parts.
 - e. The daily VOC emissions from coating metal parts, calculated by taking the sum of (b) times (c) for each coating employed for coating metal parts, in pounds.
 - f. The daily VOC emissions from the use of cleanup materials associated with coating metal parts, calculated by taking the sum of (b) times (c) for each liquid organic cleanup material employed for coating metal parts, in pounds.
2. The permittee shall collect and record the following information each day when coating non-metal parts:
 - a. The name and identification number of each coating and liquid organic cleanup material employed.
 - b. The VOC content of each coating and liquid organic cleanup material employed, in pounds per gallon, as applied, including water and exempt solvents.
 - c. The volume, in gallons, of each coating and liquid organic cleanup material employed for coating non-metal parts.
 - d. The daily VOC emissions from coating non-metal parts, calculated by taking the sum of (b) times (c) for each coating and liquid organic cleanup material employed for coating non-metal parts, in pounds.

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- e. The number of hours the emissions unit was in operation for coating non-metal parts.
 - f. The hourly VOC emissions from coating non-metal parts, calculated by dividing (d) by (e) for each coating and liquid organic cleanup material employed for coating non-metal parts.
3. The permittee shall collect and record the following information each year:
- a. The VOC emissions from all coatings when coating metal parts, in tons [summation of C.1.e for all days during the calendar year].

- b. The VOC emissions from liquid organic cleanup materials when coating metal parts, in tons [summation of C.1.f. for all days during the calendar year].
 - c. The VOC emissions from coatings and liquid organic cleanup materials when coating non-metal parts, in tons [summation of C.2.d. for all days during the calendar year].
4. The permittee shall collect and record the following information each month for the entire facility:
- a. The name and identification number of each coating, as applied.
 - b. The individual HAP content for each HAP of each coating in pounds of individual HAP per gallon of coating, as applied.
 - c. The total combined HAP content of each coating in pounds of combined HAPs per gallon of coating, as applied [sum all the individual HAP contents from (b)].
 - d. The number of gallons of each coating employed.
 - e. The name and identification of each cleanup material employed.
 - f. The individual HAP content for each HAP of each cleanup material in pounds of individual HAP per gallon of cleanup material, as applied.
 - g. The total combined HAP content of each cleanup material in pounds of combined HAPs per gallon of cleanup material, as applied [sum all the individual HAP contents from (f)].
 - h. The number of gallons of each cleanup material employed.
 - i. The total individual HAP emissions for each HAP from all coatings and cleanup materials employed, in pounds or tons per month [for each HAP the sum of (b) times (d) for each coating and the sum of (f) times (h) for each cleanup material].
 - j. The total combined HAP emissions from all coatings and cleanup materials employed, in pounds or tons per month [the sum of (c) times (d) for each coating plus the sum of (g) times (h) for each cleanup material].
 - k. The updated rolling, 12-month summation for individual HAP emissions for each HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

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1. The updated rolling, 12-month summation for total combined HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. This information does not have to be kept on a line-by-line basis.

5. The permittee shall collect and record the following information each month for emissions units R003, R005 and P009 combined for the purpose of demonstrating compliance with the annual VOC emission rate of 24.9 TPY VOC combined, based on a rolling, 12-month summation:
 - a. The name and identification number of each coating, cleaning and washoff material employed.
 - b. The volume, in gallons, of each coating, cleaning and washoff material employed.
 - c. The VOC content of each coating, cleaning and washoff material, in pounds of VOC per gallon, as applied.
 - d. The amount of VOC emitted for all coating, cleaning and washoff materials employed, in pounds per month (b x c).
 - e. The rolling 12-month* usage for coating, cleaning and washoff materials, in gallons.
 - f. The rolling 12-month* VOC emission rate in tons per year (in tons, rounded off to one decimal place).

*A rolling 12-month period includes the previous set of 12 months.

- g. Monthly records shall be completed within 15 days following the end of each calendar month.

The records shall be maintained for five years, and upon request the permittee shall submit such records to the appropriate Ohio EPA District Office or local air agency.

6. The permittee shall maintain for this facility all purchase orders and invoices of VOC - containing materials. The permittee shall retain such purchase orders and invoices for at least five years from the date of issuance. Upon request, the permittee shall make available to the Director of the Ohio EPA, or an authorized representative of the Director, such purchase orders and invoices for use in

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confirming the general accuracy of the records maintained and the reports submitted regarding material usage.

7. The permit to install for this emissions unit R005 was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model(or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Ground-Level Concentration (MAGLC).

The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: 2-ethoxy ethanol

TLV (ug/m3): 18,000

Maximum Hourly Emission Rate (lbs/hr): 3.27

Predicted 1 Hour Maximum Ground-level Concentration (ug/m3): 313.51

Maximum Acceptable Ground-level Concentration (MAGLC) (ug/m3): 428.6

Physical changes to or in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the "Air Toxics Policy" is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be satisfied. If, upon evaluation, the permittee determines that the "Air Toxic Policy" will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in the "Air Toxic Policy" include the following:

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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Facility ID: 1409000646

Emissions Unit ID: **R005**

If the permittee determines that the "Air Toxic Policy" will be satisfied with the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition [other than (VV)(1)(a)(ii)], then the permittee shall obtain a final permit to install prior to the change.

The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will satisfy the Air Toxic Policy:"

- a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

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- b. documentation of its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
- c. when the computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the "Air Toxic Policy" for the change.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any daily record showing that emissions unit R005 exceeded any daily usage, VOC content and/or daily emission limit for coating metal parts. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurs.
2. The permittee shall submit deviation (excursion) reports that contain the following information for coating non-metal parts:
 - a. An identification of each day during which the average hourly VOC emissions from the coatings and liquid organic cleanup materials employed for coating non-metal parts exceeded 8 pounds per hour, and the actual average hourly VOC emissions for coating non-metal parts for each such day.
 - b. An identification of each day during which the VOC emissions from the coatings and liquid organic cleanup materials employed for coating non-metal parts exceeded 40 pounds per day, and the actual VOC emissions for coating non-metal parts for each such day.
3. The permittee shall submit annual reports for emissions unit R005 that contain the following information for this emissions unit:
 - a. The annual VOC emissions from all coatings employed for coating metal parts, in tons per year.
 - b. The annual VOC emissions from all liquid organic cleanup materials employed for coating metal parts, in tons per year.
 - c. The annual VOC emissions from all coatings and liquid organic cleanup materials employed for coating non-metal parts, in tons per year.

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Facility ID: 1409000646

Emissions Unit ID: **R005**

These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

4. If the facility (emissions units R003, R005 and P009) has a rolling, 12 month record that exceeds 24.9 tons of VOC from combined operations associated with aerospace manufacturing and rework operations the permittee shall submit the following:
 - a. Within 30 days after the end of that rolling, 12-month period in which the exceedance occurred, a notification to the Hamilton County Department of Environmental Services that the VOC emission limit was exceeded .
 - b. Within three months after the end of that rolling, 12-month period in which the exceedance occurred, a compliance plan to the Hamilton County Department of Environmental Services to comply with the presumptive RACT standards specified within USEPA document 453/R-97-004 " Control of Volatile Organic Compound Emissions from Aerospace Manufacturing and Rework Operations" (December 1997). Any divergence from the presumptive RACT standards and the model rule provided within that document shall be described at the time of the submittal of the 3-month compliance plan. Compliance with the presumptive RACT standards is to be achieved within 12 months after the rolling, 12-month period exceedance, unless otherwise requested by the permittee and approved by USEPA as a revision to Ohio's state implementation plan for ozone.
 - c. Exceeding the 24.9 TPY VOC/OC limit is a violation for each day of the last month of each 12 month period in which the 24.9 TPY limit is exceeded regardless of whether a compliance plan is submitted.
5. The permittee shall notify the Director (the appropriate Ohio EPA District Office or the local air agency) of any exceedance of the HAP emissions limitations set forth in this Permit to Install. The permittee shall submit annual reports which identify all exceedances of these limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year. If no exceedances occurred during the reporting period then a report is required stating so.
6. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions.

E. Testing Requirements

1. Compliance with the VOC emissions limitations in section A.2.b shall be demonstrated by the following equations:

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Emissions Unit ID: **R005****Issued: To be entered upon final issuance**

Emissions Limits:

8 lbs VOC/hour

40 lbs VOC/day

7.3 TPY VOC

Applicable Compliance Method:

Compliance with the organic compound emission limits of 8 pounds per hour, 40 pounds per day and 7.3 TPY from coating non-metal parts shall be demonstrated by the recordkeeping requirements in term and condition C.2 and C.3.

2. Compliance with the VOC emissions limitations in section A.2.a shall be demonstrated by the following equations:

Emissions Limits:

67 lbs VOC/day and 12.2 TPY VOC from coatings

8 lbs VOC/day and 1.5 TPY VOC from cleaning material

Applicable Compliance Method:

Compliance with the organic compound emission limits listed above for metal parts shall be demonstrated by the recordkeeping requirements in term and condition C.1 and C.3.

3. OAC rule 3745-21-10(B) shall be used to determine the VOC contents of the coatings, cleaning and washoff materials employed in this emissions unit. If, pursuant to 40 CFR Part 60, Appendix A, an owner or operator determines that Method 24 or 24A cannot be used for a particular coating, cleaning or washoff material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for the coating or ink to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
4. Compliance with the usage and VOC content limits shall be determined by the record keeping requirements in term C.1.
5. Compliance with the emission limit of 24.9 TPY VOC from emissions units R003, R005 and P009 combined based on a rolling 12-month summation shall be demonstrated by the recordkeeping requirements in term and condition C.5.

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Facility ID: 1409000646

Emissions Unit ID: **R005**

6. Compliance with the HAP emissions limitation in term A.2.e shall be demonstrated by the recordkeeping in term C.4.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A., B., C.1-C.6, D. and E.
2. This Federally Enforceable Permit limits the potential emissions of organic compounds from the aerospace manufacturing and rework processes and associated cleaning and washoff processes located at this facility to no more than 24.9 TPY during any rolling, 12-month period. Should VOC emissions from the aerospace manufacturing and rework processes and associated cleaning and washoff processes exceed 24.9 TPY during any rolling, 12-month period, this facility should notify the Hamilton County Department of Environmental Services within 30 days. See term D.4.
3. The terms and conditions listed in this permit to install shall supercede all the air pollution control requirements contained in permit to install 14-04572 as issued on August 19, 1998.