

Synthetic Minor Determination and/or **Netting Determination**

Permit To Install **14-05488**

A. Source Description

This facility is a structural steel and metal fabricating shop that uses extreme performance coatings. Most painting is done on metal automotive parts. The facility has moved to a larger building to facilitate more production. The facility has a large spray paint area equipped with two 12,500 acfm fans that vent the air contaminant stream through fabric filters and out two separate stacks. After the coating is applied to the metal, the coated equipment is allowed to air dry on a rack. Both primers and specialty paints are sprayed, with primers constituting the majority of paint sprayed. Approximately three to four hours of painting is done per day.

B. Facility Emissions and Attainment Status

The potential to emit for the VOC emissions are 69.2 TPY. The potential to emit for a single HAP, xylene is 40.5 TPY. CHC Fabricating is requesting federally enforceable limits through a synthetic minor permit and accepting usage limitations to limit their HAP emissions below major levels so they do not trigger the MACT requirements. The facility is located in Hamilton County which is non-attainment for ozone.

C. Source Emissions

The allowable VOC emissions for this facility will be 15.8 pounds per hour and 9.63 TPY. The facility uses 160 gallons of acetone per year. Most of the emissions are attributed to the specialty paints that are sometimes thinned before application. Primers are typically not thinned. The facility HAP emissions will be limited to 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs.

D. Conclusion

This facility must maintain an extensive inventory of primers and specialty coatings to accommodate their customers' wide range of requirements. The facility will record monthly all coating and cleanup usage and VOC contents to demonstrate compliance with permit limits. The facility will also submit quarterly exceedance reports. Based on the limits outlined in this permit the HAP emissions will be less than 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs, thus the facility will be exempt from the MACT standards and Title V.



State of Ohio Environmental Protection Agency

Street Address:

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

Mailing Address:

Lazarus Gov.
Center

**RE: DRAFT PERMIT TO INSTALL
HAMILTON COUNTY
Application No: 14-05488**

CERTIFIED MAIL

DATE: 11/28/2003

CHC Fabricating Corporation
Robert Christen
220 West North Bend Rd.
Cincinnati, OH 45216

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. 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 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 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 a fee of **\$200** 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

OH-KY-IN Regional Council of Governments

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HAMILTON COUNTY

PUBLIC NOTICE

ISSUANCE OF DRAFT PERMIT TO INSTALL **14-05488** FOR AN AIR CONTAMINANT SOURCE FOR **CHC FABRICATING CORPORATION**

On 11/28/2003 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **CHC Fabricating Corporation**, located at **10270 Wayne Ave, Cincinnati**, Ohio.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 14-05488:

Metal Paint Spray Operation.

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.

Brad Miller, Hamilton County Department of Environmental Services, 250 William Howard 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 PERMIT TO INSTALL 14-05488

Application Number: 14-05488
APS Premise Number: 1431484151
Permit Fee: **To be entered upon final issuance**
Name of Facility: CHC Fabricating Corporation
Person to Contact: Robert Christen
Address: 220 West North Bend Rd.
Cincinnati, OH 45216

Location of proposed air contaminant source(s) [emissions unit(s)]:
**10270 Wayne Ave
Cincinnati, Ohio**

Description of proposed emissions unit(s):
Metal Paint Spray Operation.

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit 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 emissions unit(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 and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

CHC Fabricating Corporation

Facility ID: 1431484151

PTI Application: 14-05488

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 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	9.63
Acetone	0.53
Individual HAPs	9.9
Combined HAPs	24.9

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>	<u>Applicable Emissions Limitations/Control Measures</u>
K001 - Structural steel/miscellaneous metal paint spray operation	OAC rule 3745-31-05(A)(3)	15.8 lbs/hour VOC, excluding cleanup material
		0.53 TPY acetone for cleanup material
		See term B.2.
	OAC rule 3745-31-05(D)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D) and OAC rule 3745-21-09(U)(1)(c).
	OAC rule 3745-21-09(U)(1)(c)	9.63 TPY VOC, excluding cleanup material, based upon a rolling, 12-month summation
		See terms A.2.d and B.1
		See term A.2.a

2. Additional Terms and Conditions

- 2.a The volatile organic compound (VOC) content of each coating employed in this emissions unit shall not exceed 3.5 pounds of VOC per gallon of coating, excluding water and

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Emissions Unit ID: **K001****Issued: To be entered upon final issuance**

exempt solvents, as applied.

- 2.b** The hourly emissions limitation outlined is based upon the emissions unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limit.
- 2.c** Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, the VOC content limitations, emissions limitations, and compliance with the Air Toxics Policy.
- 2.d** The actual 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.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit to install, the permittee shall not exceed the HAPs emission limits specified in the following table:

<u>Month(s)</u>	<u>Maximum Allowable Single HAP Emissions In Tons</u>	<u>Maximum Allowable Combined HAP Emissions In Tons</u>
1	0.8	2.1
1-2	1.7	4.2
1-3	2.5	6.2
1-4	3.3	8.3
1-5	4.2	10.4
1-6	5.0	12.5
1-7	5.8	14.6
1-8	6.6	16.6
1-9	7.5	18.7
1-10	8.3	20.8
1-11	9.1	22.9
1-12	9.9	24.9

After the first 12 calendar months of operation following the issuance of this permit to install, compliance with the annual HAPs emission limits shall be based upon a rolling, 12-month summation of the HAP(s) emission figures.

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B. Operational Restrictions

1. The maximum annual coating usage for this emissions unit shall not exceed 5500 gallons, excluding water and exempt solvents, based upon a rolling, 12-month summation of the coating usage figures.

To ensure federal enforceability during the first 12 calendar months of operation following the issuance of this permit to install, the permittee shall not exceed the coating usage levels specified in the following table:

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<u>Month(s)</u>	<u>Maximum Allowable Cumulative Coating Usage</u>
1	1000
1-2	1500
1-3	2000
1-4	2500
1-5	3000
1-6	3500
1-7	4000
1-8	4500
1-9	5000
1-10	5500
1-11	5500
1-12	5500

After the first 12 calendar months of operation following the issuance of this permit to install, compliance with the annual coating usage limitation shall be based upon a rolling, 12-month summation of the coating usage figures.

2. The maximum annual acetone (cleanup material) usage for this emissions unit shall not exceed 160 gallons.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month:
 - a. The name and identification number of each coating and cleanup material employed.
 - b. The volume, in gallons, of each coating, excluding water and exempt solvents and cleanup material employed.
 - c. The VOC content of each coating and cleanup material, in pounds per gallon, excluding water and exempt solvents, as applied.
 - d. The total volume, in gallons, of all coatings, excluding water and exempt solvents and cleanup materials employed.
 - e. Beginning after the first 12 calendar months of operation following the issuance of this

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permit, the rolling, 12-month summation of the coating usage figures, excluding water and exempt solvents.

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Also during the first 12 calendar months of operation following the issuance of this permit, the permittee shall record the cumulative coating usage for each calendar month.

- f. The total VOC emission rate for all coatings and cleanup materials employed, in pounds per month (b x c).
 - g. Beginning after the first 12 calendar months of operation following the issuance of this permit, the rolling, 12-month summation of the total VOC emissions from all coating and cleanup materials, in tons.
2. The permittee shall collect and record the following information each month for the entire facility:
- a. the name and identification number of each coating, employed;
 - b. the individual Hazardous Air Pollutant (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 plus 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];

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Emissions Unit ID: **K001****Issued: To be entered upon final issuance**

- k. the updated rolling, 12-month summation of emissions for each individual HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months. For the first twelve months following the issuance of the permit, this shall be a cumulative total for all months since the issuance of the PTI; and
- l. the updated rolling, 12-month summation of emissions for total combined HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months. For the first twelve months following the issuance of the permit, this shall be a cumulative total for all months since the issuance of the PTI.

* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Hamilton County Department of Environmental Services contact. This information does not have to be kept on a individual emissions unit basis.

3. The permit to install for this emissions unit (K001) was evaluated based on the actual materials (typically coatings and cleanup 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: Xylene

TLV (ug/m3): 434,192

Maximum Hourly Emission Rate (lbs/hr): 15.8

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 483

MAGLC (ug/m3): 10,338

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

Emissions Unit ID: **K001**

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.).

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.);
- b. Documentation of it's 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 Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings (i.e., for VOC contents). The notification shall include a copy of such record and shall be sent to the

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Emissions Unit ID: **K001****Issued: To be entered upon final issuance**

Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

2. The permittee shall submit deviation reports which identify any exceedance of the usage limitations set forth in terms B.1 and B.2. If no exceedances occurred, the permittee shall state so in the report.
3. The permittee shall submit deviation reports which identify any exceedance of the HAP emission limitations set forth in term A.2.d. If no exceedances occurred, the permittee shall state so in the report.
4. Unless otherwise noted in the above terms, the deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

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Emissions Unit ID: **K001****Issued: To be entered upon final issuance**

5. The permittee shall also submit annual reports which specify the total volatile organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:
15.8 lbs/hour VOC

Applicable Compliance Method:

Compliance has been demonstrated by multiplying the maximum hourly coating usage rate of 4.5 gallons/hour by the maximum VOC content of 3.5 lbs/gallon.

- b. Emission Limitation:
9.63 TPY VOC based on a rolling, 12-month summation

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements as specified in Section C.1.

- c. Emission Limitation:
0.53 TPY acetone for cleanup

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements as specified in Section C.1.

- d. Emission Limitation:
3.5 pounds of VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

USEPA methods 24 and 24A shall be used to determine the VOC content for flexographic printing lines and related coatings. 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 ink, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that ink to demonstrate compliance until the USEPA provides alternative

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PTI A

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- analytical procedures or alternative precision statements for Method 24 or 24A.
- e. Emission Limitation:
5,500 gallons/year of coating
- Applicable Compliance Method:
Compliance shall be based upon the record keeping requirements as specified in Section C.1.
- f. Emission Limitation:
9.9 TPY for any single HAP and 24.9 TPY for combined HAPs
- Applicable Compliance Method:
Compliance with the HAP emission limitations will be determined by the record keeping requirements specified in Section C.2.

F. Miscellaneous Requirements

1. The following terms and conditions of this permit are federally enforceable: A, B, C.1 and C.2, D and E.