



State of Ohio Environmental Protection Agency

STREET ADDRESS:

Lazarus Government Center
50 W. Town St., Suite 700
Columbus, Ohio 43215

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www.epa.state.oh.us

MAILING ADDRESS:

P.O. Box 1049
Columbus, OH 43216-1049

12/1/2008

Rich Krehnovi
Pittsburgh Glass Works, LLC
5066 Lincoln Highway
Crestline, OH 44827

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0370000217
Permit Number: 03-17442
Permit Type: Initial Installation
County: Richland

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR
No	CEMS
No	MACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate for the referenced facility has been issued for the emissions unit(s) listed in the Authorization section of 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 comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Mansfield News-Journal. A copy of the public notice and the draft permit are enclosed. This permit has been posted to the Division of Air Pollution Control Web page <http://www.epa.state.oh.us/dapc> in Microsoft Word and Adobe Acrobat format. Comments will be accepted as a marked-up copy of the draft permit or in narrative format. Any comments must be sent to the following:

Andrew Hall
Permit Review/Development Section
Ohio EPA, DAPC
122 South Front Street
Columbus, Ohio 43215

and Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402

Comments and/or a request for a public hearing will be accepted within 30 days of the date the notice is published in the newspaper. You will be notified in writing if a public hearing is scheduled. A decision on issuing a final permit-to-install and operate will be made after consideration of comments received and oral testimony if a public hearing is conducted. Any permit fee that will be due upon issuance of a final Permit-to-Install and Operate is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Northwest District Office at (419)352-8461.

Sincerely,

Michael W. Ahern, Manager
Permit Issuance and Data Management Section, DAPC

Cc: U.S. EPA Region 5 *Via E-Mail Notification*
Ohio EPA-NWDO; Canada

Ted Strickland, Governor
Lee Fisher, Lieutenant Governor
Chris Korleski, Director

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
Pittsburgh Glass Works, LLC

Issue Date: 12/1/2008
Permit Number: 03-17442
Permit Type: Initial Installation
Permit Description: Installation of (3) window assembly stations.
Facility ID: 0370000217
Facility Location: Pittsburgh Glass Works, LLC
5066 US Rte 30,
Crestline, OH 44827
Facility Description: Flat Glass Manufacturing

Chris Korleski, Director of the Ohio Environmental Protection Agency, 50 West Town Street, Columbus Ohio has issued a draft action of an air pollution control, federally enforceable permit-to-install and operate (PTIO) for the facility at the location identified above on the date indicated. Comments concerning this draft action, or a request for a public meeting, must be sent in writing no later than thirty (30) days from the date this notice is published. All comments, questions, requests for permit applications or other pertinent documentation, and correspondence concerning this action must be directed to Donald Waltermeyer at Ohio EPA DAPC, Northwest District Office, 347 North Dunbridge Road or (419)352-8461. The permit can be downloaded from the Web page: www.epa.state.oh.us/dapc



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination

Netting Determination

Source Description:

Pittsburgh Glass Works, LLC has proposed the installation of 3 window assembly stations which involve assembly, primer and adhesive application and soldering resulting in emissions of volatile organic compounds (VOC). Pittsburgh Glass Works, LLC has requested that the proposed new window assembly stations be included in federally enforceable group emission limitations for VOC, individual Hazardous Air Pollutants (HAPs), and aggregate HAPs were previously established for 25 other coating operations, (K004, and P017-P040), located at the facility in PTI #03-13402 issued on February 27, 2001, and PTI #03-16359 issued on June 7, 2005. The federal enforceable group limitations will now include emissions units K004, P017-P040, and the 3 window assembly stations (P041-P043).

Facility Emissions and Attainment Status:

The facility is potentially a major source for Title V for VOC and HAPs emissions. Richland County is in attainment/unclassifiable for all criteria pollutants.

Source Emissions:

POTENTIAL EMISSIONS: Without any restrictions, the facility has a potential to emit greater than 100 tons/yr (TPY) VOC and greater than 10 TPY of any individual HAP and 25 TPY of any combination of HAPs.

RESTRICTING POTENTIAL EMISSIONS: The facility has requested annual gallon coating usage restrictions along with maximum VOC content restrictions to reduce potential emissions of VOC below Title V applicability thresholds. The facility has also requested annual emissions limitations of 9.90 TPY of any individual HAP and 24.90 TPY of any combination of HAPs to reduce emissions to below Title V and MACT applicability thresholds.

Conclusion:

Coating usage and VOC content restrictions will result in potential VOC emissions below Title V applicability thresholds. Annual HAP emissions limitations will maintain the facilities current status as a minor facility for Title V and MACT purposes

Please provide additional notes or comments as necessary:

None

Total Permit Allowable Emissions Summary (for informational purposes only):

<u>Pollutant</u>	<u>Tons Per Year</u>
OC	21.90
Individual HAP	9.90



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Permit Strategy Write-Up
Permit Number: 03-17442
Facility ID: 0370000217

Aggregate HAPs	24.90
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VOC*	93.86
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* Group VOC limit includes multiple emission units permitted under PTI #03-13402 and PTI #0316359 and as such, is greater than the OC limitation established in this permit.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

DRAFT

Air Pollution Permit-to-Install and Operate
for
Pittsburgh Glass Works, LLC

Facility ID: 0370000217
Permit Number: 03-17442
Permit Type: Initial Installation
Issued: 12/1/2008
Effective: To be entered upon final issuance
Expiration: To be entered upon final issuance



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
Pittsburgh Glass Works, LLC

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Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

Authorization

Facility ID: 0370000217

Application Number(s): A0004644

Permit Number: 03-17442

Permit Description: Installation of (3) window assembly stations.

Permit Type: Initial Installation

Permit Fee: \$600.00 *DO NOT send payment at this time - subject to change before final issuance*

Issue Date: 12/1/2008

Effective Date: To be entered upon final issuance

Expiration Date: To be entered upon final issuance

Permit Evaluation Report (PER) Annual Date: To be entered upon final issuance

This document constitutes issuance to:

Pittsburgh Glass Works, LLC
5066 US Rte 30
Crestline, OH 44827

of a Permit-to-Install and Operate for the emissions unit(s) identified on the following page.

Ohio EPA District Office or local air agency responsible for processing and administering your permit:

Ohio EPA DAPC, Northwest District Office
347 North Dunbridge Road
Bowling Green, OH 43402
(419)352-8461

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section 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 described emissions unit(s) will operate in compliance with applicable State and Federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director



State of Ohio Environmental Protection Agency
 Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

Authorization (continued)

Permit Number: 03-17442
 Permit Description: Installation of (3) window assembly stations.

Permits for the following Emissions Unit(s) or groups of Emissions Units are in this document as indicated below:

Group Name: Window Assembly Lines

Emissions Unit ID:	P041
Company Equipment ID:	Window Assembly Line #13
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P042
Company Equipment ID:	Window Assembly Line #14.
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P043
Company Equipment ID:	Window Assembly Line #15.
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

A. Standard Terms and Conditions



1. What does this permit-to-install and operate ("PTIO") allow me to do?

This permit allows you to install and operate the emissions unit(s) identified in this PTIO. You must install and operate the unit(s) in accordance with the application you submitted and all the terms and conditions contained in this PTIO, including emission limits and those terms that ensure compliance with the emission limits (for example, operating, recordkeeping and monitoring requirements).

2. Who is responsible for complying with this permit?

The person identified on the "Authorization" page, above, is responsible for complying with this permit until the permit is revoked, terminated, or transferred. "Person" means a person, firm, corporation, association, or partnership. The words "you," "your," or "permittee" refer to the "person" identified on the "Authorization" page above.

The permit applies only to the emissions unit(s) identified in the permit. If you install or modify any other equipment that requires an air permit, you must apply for an additional PTIO(s) for these sources.

3. What records must I keep under this permit?

You must keep all records required by this permit, including monitoring data, test results, strip-chart recordings, calibration data, maintenance records, and any other record required by this permit for five years from the date the record was created. You can keep these records electronically, provided they can be made available to Ohio EPA during an inspection at the facility. Failure to make requested records available to Ohio EPA upon request is a violation of this permit requirement.

4. What are my permit fees and when do I pay them?

There are two fees associated with permitted air contaminant sources in Ohio:

- PTIO fee. This one-time fee is based on a fee schedule in accordance with Ohio Revised Code (ORC) section 3745.11, or based on a time and materials charge for permit application review and permit processing if required by the Director.

You will be sent an invoice for this fee after you receive this PTIO and payment is due within 30 days of the invoice date. You are required to pay the fee for this PTIO even if you do not install or modify your operations as authorized by this permit.

- Annual emissions fee. Ohio EPA will assess a separate fee based on the total annual emissions from your facility. You self-report your emissions in accordance with Ohio Administrative Code (OAC) Chapter 3745-78. This fee assessed is based on a fee schedule in ORC section 3745.11 and funds Ohio EPA's permit compliance oversight activities. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

5. When does my PTIO expire, and when do I need to submit my renewal application?

This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is



very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

If a complete renewal application is submitted before the expiration date, Ohio EPA considers this a timely application for purposes of ORC section 119.06, and you are authorized to continue operating the emissions unit(s) covered by this permit beyond the expiration date of this permit until final action is taken by Ohio EPA on the renewal application.

6. What happens to this permit if my project is delayed or I do not install or modify my source?

This PTIO expires 18 months after the issue date identified on the "Authorization" page above unless otherwise specified if you have not (1) started constructing the new or modified emission sources identified in this permit, or (2) entered into a binding contract to undertake such construction. This deadline can be extended by up to 12 months, provided you apply to Ohio EPA for this extension within a reasonable time before the 18-month period has ended and you can show good cause for any such extension.

7. What reports must I submit under this permit?

An annual permit evaluation report (PER) is required in addition to any malfunction reporting required by OAC rule 3745-15-06 or other specific rule-based reporting requirement identified in this permit. Your PER due date is identified in the Authorization section of this permit.

8. If I am required to obtain a Title V operating permit in the future, what happens to the operating provisions and PER obligations under this permit?

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions will no longer be applicable after issuance of the Title V permit: Section B, Term 1.b) and Section C, for each emissions unit, Term a)(2).

The PER requirements in this permit remain effective until the date the Title V permit is issued and is effective, and cease to apply after the effective date of the Title V permit. The final PER obligation will cover operations up to the effective date of the Title V permit and must be submitted on or before the submission deadline identified in this permit on the last day prior to the effective date of the Title V permit.

9. What are my obligations when I perform scheduled maintenance on air pollution control equipment?

You must perform scheduled maintenance of air pollution control equipment in accordance with OAC rule 3745-15-06(A). If scheduled maintenance requires shutting down or bypassing any air pollution control equipment, you must also shut down the emissions unit(s) served by the air pollution control equipment during maintenance, unless the conditions of OAC rule 3745-15-06(A)(3) are met. Any emissions that exceed permitted amount(s) under this permit (unless specifically exempted by rule) must be reported as deviations in the annual permit evaluation report (PER), including nonexempt excess emissions that occur during approved scheduled maintenance.



10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report?

If you have a reportable malfunction of any emissions unit(s) or any associated air pollution control system, you must report this to the Ohio EPA DAPC, Northwest District Office in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

If you have a malfunction, but determine that it is not a reportable malfunction under OAC rule 3745-15-06(B), it is recommended that you maintain records associated with control equipment breakdown or process upsets. Although it is not a requirement of this permit, Ohio EPA recommends that you maintain records for non-reportable malfunctions.

11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located?

Yes. Under Ohio law, the Director or his authorized representative may inspect the facility, conduct tests, examine records or reports to determine compliance with air pollution laws and regulations and the terms and conditions of this permit. You must provide, within a reasonable time, any information Ohio EPA requests either verbally or in writing.

12. What happens if one or more emissions units operated under this permit is/are shut down permanently?

Ohio EPA can terminate the permit terms associated with any permanently shut down emissions unit. "Shut down" means the emissions unit has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31.

You should notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification that identifies the date on which the emissions unit was permanently shut down. The certification must be submitted by an authorized official from the facility. You cannot continue to operate an emission unit once the certification has been submitted to Ohio EPA by the authorized official.

You must comply with all recordkeeping and reporting for any permanently shut down emissions unit in accordance with the provisions of the permit, regulations or laws that were enforceable during the period of operation, such as the requirement to submit a PER, air fee emission report, or malfunction report. You must also keep all records relating to any permanently shutdown emissions unit, generated while the emissions unit was in operation, for at least five years from the date the record was generated.

Again, you cannot resume operation of any emissions unit certified by the authorized official as being permanently shut down without first applying for and obtaining a permit pursuant to OAC Chapter 3745-31.

13. Can I transfer this permit to a new owner or operator?

You can transfer this permit to a new owner or operator. If you transfer the permit, you must follow the procedures in OAC Chapter 3745-31, including notifying Ohio EPA or the local air agency of the change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"?

This permit and OAC rule 3745-15-07 prohibit operation of the air contaminant source(s) regulated under this permit in a manner that causes a nuisance. Ohio EPA can require additional controls or modification of the requirements of this permit through enforcement orders or judicial enforcement action if, upon investigation, Ohio EPA determines existing operations are causing a nuisance.

15. What happens if a portion of this permit is determined to be invalid?

If a portion of this permit is determined to be invalid, the remainder of the terms and conditions remain valid and enforceable. The exception is where the enforceability of terms and conditions are dependent on the term or condition that was declared invalid.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

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B. Facility-Wide Terms and Conditions



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.



State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Draft Permit-to-Install and Operate

Permit Number: 03-17442

Facility ID: 0370000217

Effective Date: To be entered upon final issuance

C. Emissions Unit Terms and Conditions



1. Emissions Unit Group - Window Assembly Lines: P041, P042, P043,

EU ID	Operations, Property and/or Equipment Description
P041	Assembly, primer & adhesive application, and soldering for window assembly line
P042	Assembly, primer & adhesive application, and soldering for window assembly line
P043	Assembly, primer & adhesive application, and soldering for window assembly line

a) This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

(1) For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.

a. g)(1).

(2) For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.

a. b)(1)c., b)(2)c., b)(2)d., c)(1), d)(3), d)(4), d)(5), e)(1), f)(1)b., f)(1)c., f)(1)d., and f)(1)e.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)(a)(ii)	See b)(1)a.
b.	OAC rule 3745-21-07(G)(2)	Emissions of organic compounds (OC) shall not exceed 8 pounds per hour and 40 pounds per day [see b)(2)b.]
c.	OAC rule 3745-31-05(D)	93.86 tons VOC per rolling 12-month period for emissions units K004, and P017-P043 combined [see b)(2)c.] 9.90 tons per rolling 12-month period of any individual Hazardous Air Pollutant (HAP*) and 24.90 tons per rolling 12-month period of any combination of HAPs for emissions units K004, and P017-P043 combined [see b)(2)d.]
d.	ORC 3704.03(F) and OAC rule 3745-114-01	See g)(1).



(2) Additional Terms and Conditions

- a. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the OC emissions from emission units P041, P042, and P043 since the calculated annual emission rate for OC is less than ten tons per year for each emissions unit taking into account the federally enforceable rule limit of 40 pounds per day under OAC 3745-21-07(G)(2) for coating and adhesive operations and the uncontrolled potential to emit for associated cleanup operations.
- b. The 8 pounds per hour and 40 pounds per day OC limitations apply to emissions associated the application of primer and adhesive materials. Emissions associated with cleanup operations do not apply to the 8 pounds per hour and 40 pounds per day OC limitations [see c)(2)].

On February 18, 2008 Ohio EPA rescinded existing rule 3745-21-07 of the Ohio Administrative Code (OAC) and adopted new rule 3745-21-07. The new OAC rule 3745-21-07 does not establish any requirements for this emissions unit. However, the rule rescindment and new rule have not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the rule rescindment and new OAC rule 3745-21-07, the requirement to comply with OAC rule 3745-21-07 (G) (2) still exists as part of the federally-approved SIP of Ohio.

- c. The emissions of VOC from emissions units K004 and P017-P043 combined shall not exceed 93.86 tons per year based on a rolling, 12-month summation of monthly emissions. The federally enforceable VOC limitation is based on coating usage restrictions and VOC content requirements [see c)(1) and c(2)]. Federally enforceable VOC limitations are being established for purpose of avoiding Title V applicability.

Rolling emissions limitations have been established in Permit to Install (PTI) #03-13402 issued on February 27, 2001 and, as such, rolling VOC emission records exist. The applicant shall use the existing records to determine compliance upon startup under this permit. Therefore, it is not necessary to establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

- d. HAP* emissions from emissions units K004 and P017-P043 shall not exceed 9.90 tons per year for any individual HAP and 24.90 tons per year for any combination of HAPs, based upon a rolling 12-month summation of the monthly HAP emissions

Rolling emissions limitations have been established in Permit to Install (PTI) #03-13402 issued on February 27, 2001 and, as such, rolling HAP emission records exist. The applicant shall use the existing records to determine compliance upon startup under this permit. Therefore, it is not necessary to establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

* Hazardous Air Pollutant (HAP) as defined in Section 112(b) of the Clean Air Act.



c) Operational Restrictions

- (1) The maximum annual coating usage for emissions units K004 and P017-P043, combined, shall not exceed any of the following:
 - a. 3,050 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 11.0 lbs/gallon per rolling 12-month period;
 - b. 25,067 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 7.0 lbs/gallon per rolling 12-month period; and
 - c. 25,067 gallons for all coatings, adhesives, and cleanup materials combined per rolling 12-month period.

Coating usage restrictions were initially established in PTI #03-13402, issued on February 27, 2001, and as such, rolling coating usage records exist. The applicant shall use the existing records to determine compliance upon startup under this permit. Therefore, it is not necessary to establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

- (2) The use of photochemically reactive material for cleanup material, as defined in OAC rule 3745-21-01, is prohibited in emission units P041, P042, and P043.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall collect and record the following information each month for cleanup material employed in emissions units P041, P042, and P043 combined:
 - a. the name and identification number of each cleanup material employed;
 - b. documentation on whether or not each cleanup material is a photochemically reactive material.

[the definitions of Aphotochemically reactive@ and Anonphotochemically reactive@ are based upon OAC rule 3745-21-01.]
- (2) The permittee shall collect and record the following information for each day for each emissions unit (P041, P042, and P043) separately:
 - a. the company identification for each coating and adhesive employed;
 - b. the number of gallons of each coating and adhesive employed;
 - c. the organic compound content of each coating and adhesive, in pounds per gallon;
 - d. the total organic compound emission rate for all coatings and adhesives, in pounds per day;
 - e. the total number of hours the emissions unit was in operation; and
 - f. the average hourly organic compound emission rate for all coatings and adhesives, i.e., "d." divided by "c.", in pounds per hour (average).



[Note: The coating information must be for the coatings and adhesives as employed, including any thinning solvents added at the emissions unit.]

- (3) In order to demonstrate compliance with the 93.86 tons VOC per rolling 12-month period, the permittee shall collect and record the following information each month for emissions units K004, and P017-P043 combined:
 - a. the name and identification number of each coating, adhesive and cleanup materials;
 - b. the VOC content of each coating, adhesive, and cleanup material, in pounds per gallon, as applied;
 - c. the number of gallons of each coating, adhesive, and cleanup material employed;
 - d. the VOC emission rates from each coating, adhesive, and cleanup material employed ("b." times "c."), in pounds;
 - e. the total VOC emission rate from all coatings, adhesives, and cleanup materials employed (summation of "d."); and
 - f. the total annual emissions of VOC, in tons, based on a rolling, 12-month summation.

- (4) The permittee shall collect and record the following information regarding HAP emissions each month for emissions units K004, and P017-P043 combined:
 - a. the company identification of each coating, adhesive, and cleanup material employed;
 - b. the pounds per gallon of each HAP in each coating, adhesive, and cleanup material, as applied;
 - c. the number of gallons of each coating, adhesive, and cleanup material employed;
 - d. the total emission rate for each HAP from all coatings, adhesives, and cleanup materials employed, [summation of each HAP emission rate ("b" times "c") for each individual coating, adhesive, and cleanup material], in pounds per month;
 - e. the total HAP emission rate for the combination of all HAPs from all coatings, adhesives, and cleanup materials employed, (summation of "d" for all HAPs), in pounds per month; and
 - f. the annual emissions of each HAP and the combination of all HAPs, in tons, based upon a rolling 12-month summation.

- (5) In addition to the above information, the permittee shall also collect and record the following information for each month for emissions units K004 and P017-P043 combined:
 - a. the annual* number of gallons of each coating, adhesive, and cleanup material;



- b. the annual* number of gallons of coatings, adhesives and cleanup materials with a maximum VOC content of 7.0 lbs/gallon;
- c. the annual* number of gallons of coatings, adhesives, and cleanup materials with a maximum VOC content of 11.0 lbs/gallon of coating;
- d. the annual* number of gallons of all coatings, adhesives, and cleanup materials.

*Based upon a rolling, 12- month summation of the coatings, adhesive and cleanup material usage rates

e) Reporting Requirements

(1) The permittee shall submit quarterly deviation (excursion) reports that identify:

- a. all deviations (excursions) of the following emission limitations, operational restrictions that restrict the Potential to Emit (PTE) of any regulated air pollutant and have been detected by the monitoring, record keeping and/or testing requirements in this permit:
 - i. 93.86 tons VOC per rolling 12-month period for emission units K004, and P017 – P043 combined.
 - ii. 3,050 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 11.0 pounds per gallon per rolling 12-month period for emission units K004, and P017 – P043 combined.
 - iii. 25,067 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 7.0 pounds per gallon per rolling 12-month period for emission units K004, and P017 – P043 combined.
 - iv. 25,067 gallons of coating, adhesive, and cleanup material per rolling 12-month period for emission units K004, and P017 – P043 combined.
 - v. 9.90 tons per rolling 12-month period of any individual HAP for emission units K004, and P017 – P043 combined.
 - vi. 24.90 tons per rolling 12-month period of any combination of HAPs for emission units K004, and P017 – P043 combined.
- b. the probable cause of each deviation (excursion);
- c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and
- d. the magnitude and duration of each deviation (excursion).

If no deviations (excursions) occurred during a calendar quarter, the permittee shall submit a report that states that no deviations (excursions) occurred during the quarter.

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October



(covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

- (2) Annual Permit Evaluation Report (PER) forms will be mailed to the permittee at the end of the reporting period specified in the Authorization section of this permit. The permittee shall submit the PER in the form and manner provided by the director by the due date identified in the Authorization section of this permit. The permit evaluation report shall cover a reporting period of no more than twelve-months for each air contaminant source identified in this permit.

f) Testing Requirements

- (1) Compliance with the emissions limitations in b)(1) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

Emissions of organic compounds (OC) shall not exceed 8 pounds per hour and 40 pounds per day

Applicable Compliance Method:

Compliance shall be demonstrated through the recordkeeping requirements specified in d)(2).

b. Emission Limitation:

93.86 tons VOC per rolling 12-month period for emissions units K004, and P017-P043 combined.

Applicable Compliance Method:

Compliance shall be demonstrated through the recordkeeping requirements specified in d)(3).

c. Emission Limitations:

The maximum annual coating usage for emissions units K004 and P017-P043 combined shall not exceed any of the following:

- i. 3,050 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 11.0 lbs/gallon per rolling 12-month period;
- ii. 25,067 gallons of coating, adhesive, and cleanup material with a maximum VOC content of 7.0 lbs/gallon per rolling 12-month period; and
- iii. 25,067 gallons for all coatings, adhesives, and cleanup materials combined per rolling 12-month period.

Applicable Compliance Method:

Compliance shall be demonstrated through the recordkeeping requirements specified in d)(5).



d. Emission Limitation:

9.90 tons per rolling 12-month period of any individual HAP for emission units K004, and P017 – P043 combined.

Applicable Compliance Method:

Compliance shall be demonstrated through the recordkeeping requirements specified in d)(4).

e. Emission Limitation:

24.90 tons per rolling 12-month period of any combination of HAPs for emission units K004, and P017 – P043 combined.

Applicable Compliance Method:

Compliance shall be demonstrated through the recordkeeping requirements specified in d)(4).

g) Miscellaneous Requirements

- (1) Modeling to demonstrate compliance with, the Toxic Air Contaminant Statute, ORC 3704.03(F)(4)(b), was not necessary because the maximum annual emissions for each toxic air contaminant (from emission units P041, P042, and P043 combined), as defined in OAC rule 3745-114-01, will be less than 1.0 ton per year. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.