



Environmental
Protection Agency

John R. Kasich, Governor
Mary Taylor, Lt. Governor
Scott J. Nally, Director

2/10/2011

Jeanie Weiskittle
AGC AUTOMOTIVE AMERICAS
1465 W SANDUSKY AVE
BELLEFONTAINE, OH 43311

RE: DRAFT AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0546000103
Permit Number: P0107392
Permit Type: Initial Installation
County: Logan

Certified Mail

No	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT/GACT
No	NSPS
No	NESHAPS
No	NETTING
No	MAJOR NON-ATTAINMENT
No	MODELING SUBMITTED
Yes	SYNTHETIC MINOR TO AVOID TITLE V
Yes	FEDERALLY ENFORCABLE PTIO (FEPTIO)

Dear Permit Holder:

A draft of the Ohio Administrative Code (OAC) Chapter 3745-31 Air Pollution Permit-to-Install and Operate (PTIO) 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 public comments on the permit. A public notice will appear in the Ohio EPA Weekly Review and the local newspaper, Bellefontaine Examiner. A copy of the public notice and the draft permit are enclosed. This permit can be accessed electronically on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Issued Air Pollution Control Permits" link. 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, Southwest District Office
401 East Fifth Street
Dayton, OH 45402

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 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 is indicated in the Authorization section. Please do not submit any payment now. If you have any questions, please contact Ohio EPA DAPC, Southwest District Office at (937)285-6357.

Sincerely,

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

Cc: U.S. EPA Region 5 Via E-Mail Notification
Ohio EPA-SWDO; Indiana



Permit Strategy Write-Up

1. Check all that apply:

Synthetic Minor Determination (To avoid Title V)

Netting Determination

2. Source Description:

This permit is to cover the installation of two additional encapsulation lines at AGC Automotive's Belfontaine, Ohio, facility. These encapsulation lines will be used to produce automotive glass windows for AGC's customers. The two new lines will be emissions units R026 and R027.

3. Facility Emissions and Attainment Status:

The facility is a Synthetic Minor for Title V having potential OC/VOC of 94 tons per rolling 12 month period. The facility potential OC/VOC emissions are made-up of the following rolling 12 month limitations for the different operations throughout the facility:

- 68 tons of OC/VOC from the Ceramic lines;
- 5 tons of OC/VOC from Silver lines;
- 8 tons of OC/VOC from encapsulation operations; and
- 13 tons of OC/VOC from liquid organic cleanup materials employed throughout the facility.

The installation of emissions units R026 and R027, two new encapsulation lines will increase the overall emissions from the encapsulation lines from 8.0 OC/VOC ton per rolling 12 month period to 12.0 limitation OC/VOC ton per rolling 12 month period.

The increase in the encapsulation combined limit will increase the overall potential facility OC/VOC emissions to 98 tons per rolling 12 month period. The company is well aware of how close their potential emissions are to the Title V threshold, but are sure that they will be able to demonstrate compliance with their new Synthetic minor potential.

The facility is located in Logan County, which is attainment for all regulated pollutants.

4. Source Emissions:

Both of the new encapsulation lines will have a potential of 1.5 pounds of OC/VOC per hour from the use of adhesives and coatings. Emissions from the use of liquid organic cleanup material will be limited by the overall facility OC/VOC limitation to not exceed 13.0 tons per rolling 12 month period.

In addition, the liquid organic cleanup material is to be non-photochemically reactive.

5. Conclusion:

Although, the potential emissions, for each unit, may be less than 10 tons of OC/VOC per year, due to the Federal Court decision requires that each unit have a determined BAT.



The BAT determination for each of these emissions units is the potential hourly shall not exceed 1.5 pounds of OC/VOC per hour and the liquid organic cleanup material be non-photochemically reactive. This BAT determination contains both a short term limitation based on the potential and material usage limitation, which assures that the potential daily OC emissions when employing photochemically reactive coatings and/or adhesives is less than 40 pounds.

6. Please provide additional notes or comments as necessary:

None

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

<u>Pollutant</u>	<u>Tons Per Year</u>
8.0*	OC/VOC
13.0**	OC/VOC
98.0***	OC/VOC

* Federally enforceable limitations for all encapsulation lines, emissions units R013, R014, R024, R026 and R027.

** Federally enforceable limitations from the facility-wide use of liquid organic cleanup materials.

*** Federally enforceable total of all OC/VOC emitting operations at this facility.

PUBLIC NOTICE
Issuance of Draft Air Pollution Permit-To-Install and Operate
AGC AUTOMOTIVE AMERICAS

Issue Date: 2/10/2011
Permit Number: P0107392
Permit Type: Initial Installation
Permit Description: Installation of (2) new encapsulation line with combined OC/VOC limitations in order to assure the facility remains a Synthetic Minor for Title V
Facility ID: 0546000103
Facility Location: AGC AUTOMOTIVE AMERICAS
1465 W SANDUSKY AVE,
BELLEFONTAINE, OH 43311
Facility Description: Glass Product Manufacturing Made of Purchased Glass

Scott J. Nally, 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 Craig Osborne at Ohio EPA DAPC, Southwest District Office, 401 East Fifth Street, Dayton, OH 45402 or (937)285-6357. The permit can be downloaded from the Web page: www.epa.ohio.gov/dapc

Ohio

**Environmental
Protection Agency**

DRAFT

**Division of Air Pollution Control
Permit-to-Install and Operate
for
AGC AUTOMOTIVE AMERICAS**

Facility ID:	0546000103
Permit Number:	P0107392
Permit Type:	Initial Installation
Issued:	2/10/2011
Effective:	To be entered upon final issuance
Expiration:	To be entered upon final issuance



Division of Air Pollution Control
Permit-to-Install and Operate
for
AGC AUTOMOTIVE AMERICAS

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Authorization

Facility ID: 0546000103
Application Number(s): A0040993
Permit Number: P0107392
Permit Description: Installation of (2) new encapsulation line with combined OC/VOC limitations in order to assure the facility remains a Synthetic Minor for Title V
Permit Type: Initial Installation
Permit Fee: \$400.00 *DO NOT send payment at this time, subject to change before final issuance*
Issue Date: 2/10/2011
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:

AGC AUTOMOTIVE AMERICAS
1465 W SANDUSKY AVE
BELLEFONTAINE, OH 43311

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, Southwest District Office
401 East Fifth Street
Dayton, OH 45402
(937)285-6357

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

Scott J. Nally
Director



Authorization (continued)

Permit Number: P0107392
Permit Description: Installation of (2) new encapsulation line with combined OC/VOC limitations in order to assure the facility remains a Synthetic Minor for Title V

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

Group Name: New Encapsulation lines

Emissions Unit ID:	R026
Company Equipment ID:	BE05 Encapsulation Line
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	R027
Company Equipment ID:	BE06 Encapsulation Line
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

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. Unless otherwise specified, facilities subject to one or more synthetic minor restrictions must use Ohio EPA's "Air Services" to submit annual emissions associated with this permit requirement. 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, Southwest 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 submitting¹ 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 emissions 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.

¹ Permittees that use Ohio EPA's "Air Services" can mark the affected emissions unit(s) as "permanently shutdown" in the facility profile along with the date the emissions unit(s) was permanently removed and/or disabled. Submitting the facility profile update will constitute notifying of the permanent shutdown of the affected emissions unit(s).

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.

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.

B. Facility-Wide Terms and Conditions

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.

C. Emissions Unit Terms and Conditions



1. Emissions Unit Group - New Encapsulation lines: R026, R027,

Table with 2 columns: EU ID, Operations, Property and/or Equipment Description. Rows for R026 and R027.

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. b)(1)e., d)(5), (6), (7) and e)(2),.

(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. None.

b) Applicable Emissions Limitations and/or Control Requirements

(1) The specific operation(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 are identified below. Emissions from each unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Table with 2 columns: Applicable Rules/Requirements, Applicable Emissions Limitations/Control Measures. Rows a, b, and c..



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		<p>R025, R026, and R027 shall not exceed 12.0 tons per rolling 12 month period.</p> <p>The combined overall OC emissions from the use of cleanup materials in emission units at this facility K006, K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, R024, R025, R026, and R027, shall not exceed 13.00 tons per rolling 12 month period.</p>
d.	OAC rule 3745-21-07(G)(2)	See Sections b)(2)e., d)(3), and e)(1), below.
e.	OAC rule 3745-114-01	<p>Ohio Toxic Rule</p> <p>See Sections d)(5), (6), (7) and e)(2), below.</p>

(2) Additional Terms and Conditions

- a. The permittee has satisfied the Best Available Technology (BAT) requirements pursuant to OAC paragraph 3745-31-05(A)(3), as effective November 30, 2001, in this permit. On December 1, 2006, paragraph (A)(3) of OAC rule 3745-31-05 was revised to conform to ORC changes effective August 3, 2006 (S.B. 265 changes), such that BAT is no longer required by State regulations for NAAQS pollutants less than ten tons per year. However, that rule revision has not yet been approved by 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 revisions to the OAC rule 3745-31-05, the requirement to satisfy BAT still exists as part of the federally-approved SIP for Ohio. Once U.S. EPA approves the December 1, 2006, version of 3745-31-05, then these emission limits/control measures no longer apply.
- b. The BAT requirements under OAC rule 3745-31-05(A)(3) do not apply to the OC/VOC emissions from this air contaminant source since the "controlled" potential to emit for OC/VOC is less than ten tons per year.
- c. The hourly limitation of 1.5 pounds of OC/VOC per hour is established to reflect the potential emissions from this emissions unit. Therefore, it is not necessary to establish record keeping and reporting requirements to ensure compliance with this limitation.
- d. The actual usage of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emission units at this facility K006,

K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, R024, R025, R026, and R027, shall not exceed 9.0 TPY* for any single HAP and 24.0 TPY* for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.

* This assumes the HAPs emitted are the same as the amount of HAPs used since all HAPs used evaporate.

- e. On February 18, 2008, OAC rule 3745-21-07 was revised in its entirety; therefore, the 21-07 rule that was in effect prior to this date is no longer part of the State regulations. On April 4, 2008, the rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP); however, until the U.S. EPA approves the revision to OAC rule 3745-21-07, the requirement to comply with the previous 21-07 rule provisions still exists as part of the federally-approved SIP for Ohio. The requirements of amended OAC rule 3745-21-07 do not apply to emissions units that are installed after February 18, 2008. The following terms and conditions shall become void after U.S. EPA approves the rule revision: b)(1)d., d)(3), and e)(1)c.

c) **Operational Restrictions**

- (1) The combined organic compounds emitted from the coatings and adhesives employed in emission units R013, R014, R024, R025, R026, and R027 shall not exceed 12.0 tons per year, based upon a rolling, 12-month summation of all coatings and adhesives employed in these emission units.

d) **Monitoring and/or Recordkeeping Requirements**

- (1) This facility shall maintain the following monthly records on all coatings and adhesives employed in emissions units R013, R014, R024, R025, R026, and R027:
- a. the name of the coating or adhesive employed;
 - b. the amount of coating or adhesive employed, in gallons;
 - c. the organic compound content, in lbs/gallon;
 - d. the OC emission of all coatings or adhesive employed, in tons per month; and
 - e. the 12-month rolling total amount of OC emitted from the use of coatings or adhesives, in tons per last 12-month period.
- (2) The permittee shall collect and record the following information each month on the cleanup materials in emission units: K006, K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, R024, R025, R026, and R027:
- a. the name of the material employed;
 - b. the amount of material employed, in gallons;

- c. the organic compound content, in lbs/gallon;
 - d. the OC emission of all cleanup materials, in tons per month; and
 - e. the 12-month rolling total amount of OC emitted from the use of cleanup materials, in tons per last 12-month period.
- (3) The permittee shall maintain the following monthly records on all liquid organic cleanup materials employed in this emissions unit
- a. the name and identification number of each liquid organic cleanup materials employed; and
 - b. whether or not the liquid organic cleanup materials contains photochemically reactive material as defined in OAC rule 3745-21-01(C)(5).
- (4) The permittee shall collect and record the following information each month for the HAP(s) employed in the following emission units: K006, K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, R024, R025, R026, and R027:
- a. the emission unit's source identification and description that Hazardous Air Pollutant (HAP) containing materials were employed;
 - b. the name and identification number of each HAP containing material employed;
 - c. the individual HAP* content for each HAP containing material employed, in pounds of individual HAP per gallon, as employed;
 - d. the amount of each HAP containing material employed, in gallons;
 - e. the total individual HAP usage for each HAP from the above listed materials employed, in pounds or tons per month [for each HAP the sum of (c) times (d)];
 - f. the total combined HAP usage from all above listed materials employed, in pounds or tons per month [the sum of (c) times (d) for each coating];
 - g. the updated rolling, 12-month summation of usage for each individual HAP**, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months; and
 - h. the updated rolling, 12-month summation of usage for total combined HAP**, 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, Southwest District Office contact. This information does not have to be kept on a line-by-line basis.

** This assumes the HAP(s) emitted are the same as the amounts of HAP(s) used since all HAP(s) used evaporate.

- (5) The permit to install for this emissions unit 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 Maximum in-stack concentration was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results for the "worst case" pollutant(s):

Pollutant: Trimethpentanediol Monoisobutyrate

TLV (mg/m³): 188

Maximum Hourly Emission Rate (lbs/hr): 1.5

MAGLC (ug/m³): 4,476.2

Estimated In-Stack Concentration (ug/m³): 54,450

Screen 3 predicted Highest Ground Level Concentration (ug/m³): 19.27

- (6) Physical changes to or changes 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 Toxic 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 applying 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 for 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.

- (7) The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still 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 its evaluation and determination that the changed emissions unit still satisfies the "Air Toxic Policy"; and
 - c. where 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.

e) Reporting Requirements

- (1) The permittee shall submit deviation (excursion) reports which include the following information:
- a. an identification of each 12-month period during which the combined OC emissions from the coatings or adhesives employed in emissions units R013, R014, R024, R025, R026, and R027 exceeded 12.0 tons;
 - b. an identification of each 12-month period during which the facility-wide combined OC emissions from the use of cleanup materials exceeded 13.00 tons;
 - c. use of an "photochemical reactive cleanup material" in this emissions unit;
 - d. an identification of each month during which the individual HAP emissions at the facility exceeded 9.0 tons per year, based on a 12-month rolling average; and
 - e. an identification of each month during which the combined HAP emissions at the facility exceeded 24.0 tons per year, based on a 12-month rolling average.

The quarterly deviation (excursion) reports shall be submitted in accordance with the reporting requirements of the Standard Terms and Conditions of this permit.

(OAC rule 3745-15-03(B)(1)(a) and OAC rule 3745-15-03(C) and OAC rule 3745-77-07(C)(1))

- (2) The permittee shall maintain a record of any change made to a parameter or value used in the dispersion model, used to demonstrate compliance with the "Toxic Air Contaminant Statute", ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration. The record shall include the date and reason(s) for the change and if the change would increase the ground-level concentration.

[ORC 3704.03(F)(3)(c) and F(4)], [OAC rule 3745-114-01], Option A, Engineering Guide #70

f) Testing Requirements

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

a. Emission Limitation:

1.5 pounds of OC per hour

The above hourly limitation is based on the following equation:

$$\text{HER} = \text{Cu} \times \text{OC}$$

Where:

HER= Hourly Emission Rate, in pounds per hour;

Cu = Coating usage, in gallons per hour, (0.17, combined hourly coating usage in EAC form that was submitted with permit application); and

OC = Organic Compound content, in pounds per gallon, (7.31, highest OC/VOC content of the materials listed in EAC form that was submitted with permit application).

Applicable Compliance Method:

Compliance with the above emissions limitations will be assumed based on the maximum coating usage and OC/VOC content in the permit application. Prior to modifying the coating usage and/or OC/VOC content employed in this emissions unit that would cause an increase in the hourly potential OC emissions from this emissions unit, the permittee shall apply for and obtain all appropriate air pollution permits.

b. Emission Limitation:

Combined OC emissions from emissions units R013, R014, R024, R025, R026, and R027 of 12.0 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the above emissions limitation shall be determined by the record keeping in section d)(1) of this permit.

c. Emission Limitation:

The combined overall OC emissions from the use of cleanup materials in emission units at this facility K006, K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, , R024, R025, R026, and R027, shall not exceed 13.00 tons per rolling 12 month period.



Applicable Compliance Method:

Compliance with the above emissions limitation shall be determined by the record keeping in section d)(2) of this permit.

d. Emission Limitation:

The combined overall single HAP and/or any combination of HAPs emissions from emission units at this facility K006, K009, R001, R004, R005, R007, R008, R009, R010, R011, R012, R013, R014, R015, R016, R017, R018, R019, R020, R021, R022, R023, R024, R025, R026, and R027, shall not exceed 9.0 TPY* for any single HAP and 24.0 TPY* for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.

* This assumes the HAPs emitted are the same as the amount of HAPs used since all HAPs used evaporate.

Applicable Compliance Method:

Compliance with the above emissions limitation shall be determined by the record keeping in section d)(4) of this permit.

Formulation data or USEPA Method 24 (for coatings) shall be used to determine the organic compound contents of the materials employed.

g) Miscellaneous Requirements

(1) None.