



Environmental
Protection Agency

Ted Strickland, Governor
Lee Fisher, Lt. Governor
Chris Korleski, Director

6/30/2010

Cassandra Root
Chase Industries, Inc
10021 Commerce Park Drive
Cincinnati, OH 45246

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

Facility ID: 1409000716
Permit Number: P0106429
Permit Type: Renewal
County: Butler

Certified Mail

Yes	TOXIC REVIEW
No	PSD
No	SYNTHETIC MINOR TO AVOID MAJOR NSR
No	CEMS
No	MACT
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:

Enclosed please find a final Air Pollution Permit-to-Install and Operate (PTIO) which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully. Please complete a survey at www.epa.ohio.gov/dapc/permitsurvey.aspx and give us feedback on your permitting experience. We value your opinion.

The issuance of this PTI is a final action of the Director and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00, made payable to "Ohio Treasurer Kevin Boyce," which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

Environmental Review Appeals Commission
309 South Fourth Street, Room 222
Columbus, OH 43215

If you have any questions, please contact Hamilton County Dept. of Environmental Services at (513)946-7777 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. This permit can be accessed electronically on the DAPC Web page, www.epa.ohio.gov/dapc, by clicking the "Issued Air Pollution Control Permits" link.

Sincerely,

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

Cc: HCDOES



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Chase Industries, Inc**

Facility ID: 1409000716
Permit Number: P0106429
Permit Type: Renewal
Issued: 6/30/2010
Effective: 6/30/2010
Expiration: 12/16/2013



Division of Air Pollution Control
Permit-to-Install and Operate
for
Chase Industries, Inc

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Authorization

Facility ID: 1409000716
Application Number(s): A0039582
Permit Number: P0106429
Permit Description: First issue permit after PTI, being processed as a "renewal", for Open Air Brushing and Spraying Operation (K001); will supersede PTI 14-04716, issued 3/25/2008. Renewal permit for Doorline for the application of contact adhesives (K003); will supersede PTI 14-05045, issued 1/23/2001. No changes to permit terms and conditions requested.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 6/30/2010
Effective Date: 6/30/2010
Expiration Date: 12/16/2013
Permit Evaluation Report (PER) Annual Date: July 1 - June 30, Due Aug 15

This document constitutes issuance to:

Chase Industries, Inc
10021 Commerce Park Drive
Cincinnati, OH 45246

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:

Hamilton County Dept. of Environmental Services
250 William Howard Taft Pkwy.
Cincinnati, OH 45219-2660
(513)946-7777

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



Authorization (continued)

Permit Number: P0106429
Permit Description: First issue permit after PTI, being processed as a "renewal", for Open Air Brushing and Spraying Operation (K001); will supersede PTI 14-04716, issued 3/25/2008. Renewal permit for Doorline for the application of contact adhesives (K003); will supersede PTI 14-05045, issued 1/23/2001. No changes to permit terms and conditions requested.

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

Emissions Unit ID:	K001
Company Equipment ID:	Open Area Brushing and Spraying
Superseded Permit Number:	14-04716
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	K003
Company Equipment ID:	Application of contact adhesives
Superseded Permit Number:	14-05045
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 Hamilton County Dept. of Environmental Services 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.

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

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).

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) 2., 3., 4., 5., 6., 7., 8., and 9.
2. The actual emissions of hazardous air pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units K001 (Open Air Brushing and Spraying Operation), K002 (Adhesive Coating Line), K003 (Doorline for Application of Contact Adhesives), any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 9.9 tons per year (TPY) for any single HAP, as a rolling, 12-month summation and 24.9 TPY for any combination of HAPs, as a rolling, 12-month summation.

The permittee has existing records to demonstrate compliance with this emission limitation upon permit issuance.
3. The total allowable emissions of organic compound (OC)/volatile organic compound (VOC) from emissions units K001 (Open Area Brushing and Spraying Operation), K002 (Adhesive Coating Line), K003 (Doorline for Application of Contact Adhesives), any de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units pursuant to OAC rule 3745-31-03, or future constructed emissions units, combined, shall not exceed 99.9 tons per year (TPY). Compliance with the above limitations shall be based on a rolling, 12-month summation.

The permittee has existing records to demonstrate compliance with this emission limitation upon permit issuance.
4. The permittee shall collect and record the following information each month for the emissions units identified in 2. above:
 - a) The name and identification number of each coating or material employed.
 - b) The individual HAP* content for each HAP of each coating or material, in pounds of individual HAP per gallon of coating or material, as applied.
 - c) The total combined HAP content of each coating or material, in pounds of combined HAPs per gallon of coating or material, as applied [sum all the individual HAP contents from b)].
 - d) The number of gallons of each coating or material employed.
 - e) The name and identification number 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 from all coatings, materials, and cleanup materials employed, in pounds or tons [for each HAP, the sum of b) times d) for all coatings or materials plus the sum of f) times h) for all cleanup materials, and divided by 2,000 pounds per ton, if the units are in tons].
- j) The total combined HAP emissions from all coatings, materials, and cleanup materials employed, in pounds or tons [the sum of c) times d) for all coatings or materials plus the sum of g) times h) for all cleanup materials, and divided by 2,000 pounds per tons, if the units are in tons].
- k) The updated rolling, 12-month summation of emissions for each individual HAP, in tons. This shall include the information for the current month and the preceding eleven calendar months.
- l) The updated rolling, 12-month summation of emissions for the total combined HAPs, in 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 Hamilton County Department of Environmental Services contact. This information does not have to be kept on a line-by-line basis.

5. The permittee shall collect and record the following information each month for the emissions units identified in 3. above:
- a) The name and identification number of each coating or material employed.
 - b) The OC/VOC content of each coating or material, in pounds of OC/VOC per gallon of coating or material, as applied.
 - c) The number of gallons of each coating or material employed.
 - d) The name and identification number of each cleanup material employed.
 - e) The OC/VOC content of each cleanup material, in pounds of OC/VOC per gallon of cleanup material, as applied.
 - f) The number of gallons of each cleanup material employed.
 - g) The total OC/VOC emissions from all coatings, materials, and cleanup materials employed, in pounds or tons [the sum of b) times c) for all coatings or materials plus the sum of e) times f) for all cleanup materials, and divided by 2,000 pounds per ton, if the units are in tons].



- h) The updated rolling, 12-month summation of OC/VOC emissions, in tons. This shall include the information for the current month and the preceding eleven calendar months.
6. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the HAP emission limitations outlined in 2. If no exceedances occurred, the permittee shall state so in the report. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June, and July through September, respectively).
7. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the OC/VOC emission limitation outlined in 3. If no exceedances occurred, the permittee shall state so in the report. The reports shall be submitted by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June, and July through September, respectively).
8. Emission Limitation:
9.9 TPY for any single HAP and 24.9 TPY for combined HAPs, based on a rolling 12-month summation for the emissions units listed in 2.

Applicable Compliance Method:
Compliance with the HAP emission limitations shall be demonstrated by the record keeping requirements specified in 3.
9. Emission Limitation:
99.9 TPY for OC/VOC, based on a rolling 12-month summation for the emissions units listed in 3.

Applicable Compliance Method:
Compliance with the OC/VOC emission limitation shall be demonstrated by the record keeping requirements specified in 5.

C. Emissions Unit Terms and Conditions



1. K001, Open Area Brushing and Spraying

Operations, Property and/or Equipment Description:

Open Air Brushing and Spraying Operation

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. d)(6) and d)(7).

(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)d., c)(1), c)(2), c)(3), c)(4), c)(5), c)(6), c)(7), d)(1)b., d)(3)b., d)(4)d., d)(4)e. d)(4)f., d)(5)d., d)(5)e. d)(5)f., e)(2), and e)(3)b.

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)	Organic compound (OC) emissions shall not exceed 238.4 pounds per day when coating non-metal parts. Volatile organic compound (VOC) emissions shall not exceed 34.7 pounds per day when coating metal parts. The requirements of this rule also include compliance with the requirements of OAC rule 3745-31-05(D).
b.	OAC rule 3745-21-07(G)(2)	Exempt, see c)(7) and b)(2)c.
c.	OAC rule 3745-21-09(U)(1)(c)	The VOC content specified by this rule is less stringent than the VOC content established pursuant to 3745-31-05(A)(3).
d.	OAC rule 3745-31-05(D) Synthetic Minor to Avoid Title V and Federal New Source Review	See Sections B.2., B.3., B.4., B.5., B.6., B.7., B.8., and B.9., and c)(1), c)(2), c)(3), c)(4), c)(5), and c)(6).

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
	Permitting	<p>Volatile organic compound (VOC) emissions shall not exceed 2.84 tons per year (TPY), based on a rolling, 12-month summation, when coating metal parts.</p> <p>Organic compound (OC) emissions shall not exceed 19.5 tons per year (TPY), based on a rolling, 12-month summation, when coating non-metal parts.</p> <p>Organic compound (OC) emissions shall not exceed 5.64 tons per year (TPY), based on a rolling, 12-month summation, from cleanup materials.</p>
e.	OAC rule 3745-17-11(C)	Exempt per OAC rule 3745-17-11(A)(1)(h) and (j).

(2) Additional Terms and Conditions

- a. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the specified mass emission limitations, OC and VOC content limitations, usage restrictions, and the use of non-photochemically reactive materials.
- b. The permittee has existing records to demonstrate compliance with the emission limitations in b) and the usage limitations in c) upon issuance of this permit.
- c. 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 following terms and conditions shall become void after U.S. EPA approves the rule revision:

c)(7), d)(1)b., d)(3)b., and e)(3)b.

c) Operational Restrictions

- (1) The maximum coating usage for this emissions unit shall not exceed 34.75 gallons per day and 5,685 gallons per year, including water and exempt solvents, for coating non-metal parts. The annual coating usage limitation shall be based upon a rolling, 12-month summation.
- (2) The maximum coating usage for this emissions unit shall not exceed 15 gallons per day and 2,460 gallons per year, excluding water and exempt solvents, for coating metal

parts. The annual coating usage limitation shall be based upon a rolling, 12-month summation.

- (3) The maximum cleanup material usage for this emissions unit shall not exceed 1,670 gallons per year. The annual cleanup material usage limitation shall be based upon a rolling, 12-month summation.
 - (4) The OC content of any coating employed when coating non-metal parts in this emissions unit shall not exceed 6.86 pounds per gallon, as applied, including water and exempt solvents.
 - (5) The VOC content of any coating employed when coating metal parts in this emissions unit shall not exceed 2.31 pounds per gallon, as applied, excluding water and exempt solvents.
 - (6) The OC content of any cleanup material employed for this emissions unit shall not exceed 6.75 pounds per gallon.
 - (7) The use of photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5), is prohibited in this emissions unit, except for any material used in the coating of metal parts.
- d) **Monitoring and/or Recordkeeping Requirements**
- (1) The permittee shall collect and record the following information for each day when coating non-metal parts for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. a record of each liquid organic material employed in this emissions unit indicating whether or not the liquid organic material is a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5);
 - c. the OC content of each coating, in pounds per gallon, as applied;
 - d. the volume, in gallons, of each coating employed;
 - e. the total volume, in gallons, of all coatings employed [summation of d. for all coatings employed during the day]; and
 - f. the daily OC emissions, in pounds [summation of c. x d. for all coatings employed during the day].
 - (2) The permittee shall collect and record the following information each day when coating metal parts for this emissions unit:
 - a. the name and identification number of each coating employed;
 - b. the VOC content of each coating, in pounds per gallon, as applied, excluding water and exempt solvents;

- c. the volume, in gallons, excluding water and exempt solvents, of each coating employed;
 - d. the total volume, in gallons, excluding water and exempt solvents, of all coatings employed [summation of c. for all coatings employed during the day]; and
 - e. the daily VOC emissions, in pounds [summation of b. x c. for all coatings employed during the day].
- (3) The permittee shall collect and record the following information for each month for the cleanup materials employed in this emissions unit:
- a. the company identification of each cleanup material employed;
 - b. a record of each liquid organic cleanup material employed in this emissions unit indicating whether or not the liquid organic cleanup material is a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5);
 - c. the OC content of each cleanup material employed, in pounds per gallon;
 - d. the volume, in gallons, of each cleanup material employed;
 - e. the total volume, in gallons, of all cleanup materials employed [summation of d. for cleanup materials employed]; and
 - f. the OC emissions, in pounds [summation of c. x d. for all cleanup materials employed].
- (4) The permittee shall maintain monthly records of the following information for this emissions unit:
- a. the total volume, in gallons, of all coatings employed for non-metal parts (summation of d)(1)e. for all days of the calendar month);
 - b. the total volume, in gallons, excluding water and exempt solvents, of all coatings employed for metal parts (summation of d)(2)d. for all days of the calendar month);
 - c. the total volume, in gallons, of all cleanup materials employed (summation of d)(3)e. for the calendar month);
 - d. the updated rolling, 12-month summation of all coatings employed for non-metal parts, in gallons;
 - e. the updated rolling, 12-month summation of all coatings employed for metal parts, in gallons, excluding water and exempt solvents; and
 - f. the updated rolling, 12-month summation of all cleanup materials employed, in gallons.

- (5) The permittee shall maintain monthly records of the following information for this emissions unit:
- a. the total OC emissions, in pounds, from all coatings employed for non-metal parts (summation of d)(1)f. for all days of the calendar month);
 - b. the total VOC emissions, in pounds, from all coatings employed for metal parts (summation of d)(2)e. for all days of the calendar month);
 - c. the total OC emissions, in pounds, from all cleanup materials employed (summation of d)(3)f. for the calendar month);
 - d. the updated rolling, 12-month summation of all OC emissions from coatings employed for non-metal parts, in tons;
 - e. the updated rolling, 12-month summation of all VOC emissions from coatings employed for metal parts, in tons; and
 - f. the updated rolling, 12-month summation of all OC emissions from cleanup materials employed, in tons.
- (6) The federally enforceable permit to install and operate for this emissions unit (K001) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: stoddard solvent

TLV (ug/m3): 573,000

Maximum Hourly Emission Rate (lbs/hr): 6.71

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 1124

MAGLC (ug/m3): 13,643

Pollutant: heptane

TLV (ug/m3): 1,639,000

Maximum Hourly Emission Rate (lbs/hr): 15.44

Predicted 1-Hour Maximum Ground-Level

Concentration (ug/m3): 2586

MAGLC (ug/m3): 39,024

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 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.).
- (7) 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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final federally enforceable permit to install and operate 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 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. when 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) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.

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

a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations 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:

all exceedances of the OC/VOC content limitations specified in c)(4), c)(5), and c)(6);

all exceedances of the rolling, 12-month coating and cleanup material usage restrictions specified in c)(1), c)(2), and c)(3);

all exceedances of the rolling, 12-month emission limitations for OC/VOC emissions specified in b)(1)d.;

all exceedances of the rolling, 12-month emission limitation for OC/VOC emissions specified in Section B.3.; and

all exceedances of the rolling, 12-month emission limitations for HAP emissions specified in Section B.2.

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, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September), unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

(3) The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record identifying any of the following:

a. an exceedance of the daily coating usage limitations; and

- b. each day during which any photochemically reactive material [as defined in OAC rule 3745-21-01(C)(5)] was employed in this emissions unit, except for any material used in the coating of metal parts.

The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days after the exceedance occurs.

- (4) 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, the OC and VOC content limitations, and the coating and cleanup material usage restrictions in Sections A and B of these terms and conditions shall be determined in accordance with the following methods:

- a. Emission Limitation:

OC emissions shall not exceed 238.4 pounds per day, when coating non-metal parts.

Applicable Compliance Method:

Compliance with the daily OC emission limitation when coating non-metal parts identified in b)(2)a. shall be demonstrated by the record keeping requirement identified in d)(1).

Actual daily OC emissions for emissions unit K001 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed in gallons per day) x (OC content of coating in pounds per gallon)] for each coating material employed per day when coating non-metal parts.

- b. Emission Limitation:

VOC emissions shall not exceed 34.7 pounds per day, when coating metal parts.

Applicable Compliance Method:

Compliance with the daily VOC emission limitation when coating metal parts identified in b)(2)a. shall be demonstrated by the record keeping requirement identified in d)(2).

Actual daily VOC emissions for emissions unit K001 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

VOC = Sum of [(gallons of coating employed in gallons per day) x (VOC content of coating in pounds per gallon)] for each coating material employed per day when coating metal parts.

c. Emission Limitation:

VOC emissions shall not exceed 2.84 TPY, based on a rolling, 12-month summation, when coating metal parts.

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emission limitation identified in b)(2)d. shall be demonstrated by the record keeping requirement identified in d)(5).

Actual VOC emissions when coating metal parts for emissions unit K001 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

VOC = Sum of [(gallons of coating employed) x (VOC content of coating) / (2000 lbs per ton)] for each coating material employed when coating metal parts.

d. Emission Limitation:

Organic compound (OC) emissions shall not exceed 19.5 tons per year (TPY), based on a rolling, 12-month summation, when coating non-metal parts.

Applicable Compliance Method:

Compliance with the rolling, 12-month OC emission limitation identified in b)(2)d. shall be demonstrated by the record keeping requirement identified in d)(5).

Actual OC emissions when coating non-metal parts for emissions unit K001 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed) x (OC content of coating) / (2000 lbs per ton)] for each coating material employed when coating non-metal parts.

e. Emission Limitation:

OC emissions shall not exceed 5.64 TPY, based on a rolling, 12-month summation, from cleanup materials.

Applicable Compliance Method:

Compliance with the rolling, 12-month OC emission limitation identified in b)(2)d. shall be demonstrated by the record keeping requirement identified in d)(5).

Actual OC emissions from cleanup materials for emissions unit K001 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of cleanup materials employed) x (OC content of cleanup material) / (2000 lbs per ton)] for each cleanup material employed.

f. OC/VOC Content Limitations:

OC content of any coating shall not exceed 6.86 pounds per gallon, including water and exempt solvents, when coating non-metal parts.

VOC content of any coating shall not exceed 2.31 pounds per gallon, excluding water and exempt solvents, when coating metal parts.

OC content of any cleanup material shall not exceed 6.75 pounds per gallon.

Applicable Compliance Method:

In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren, and Wood Counties shall use USEPA Method 24 to determine the OC/VOC contents of the coatings. If an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

USEPA Method 24 or formulation data shall be used to determine the OC contents of the cleanup materials.

Compliance with these OC/VOC content limitations shall be demonstrated by the record keeping requirements specified in d)(1), d)(2), and d)(3).

g. Usage Restriction:

Coating usage shall not exceed 34.75 gallons per day and 5,685 gallons per year, including water and exempt solvents, when coating non-metal parts, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the daily coating usage restriction for non-metal parts shall be determined by the record keeping requirements specified in d)(1).

Compliance with the annual coating usage restriction for non-metal parts shall be determined by the record keeping requirements specified in d)(4).

h. Usage Restriction:

Coating usage shall not exceed 15 gallons per day and 2,460 gallons per year, excluding water and exempt solvents, when coating metal parts, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the daily coating usage restriction for metal parts shall be determined by the record keeping requirements specified in d)(2).

Compliance with the annual coating usage restriction for metal parts shall be determined by the record keeping requirements specified in d)(4).

i. Usage Restriction:

Cleanup material usage shall not exceed 1,670 gallons per year, based upon a rolling, 12-month summation.

Applicable Compliance Method:

Compliance with the annual cleanup material usage restriction shall be determined by the record keeping requirements specified in d)(4).

- (2) Compliance with operational restriction in c)(7) shall be demonstrated by the record keeping in d)(1) and d)(3).

g) Miscellaneous Requirements

- (1) The terms and conditions of this federally enforceable permit to install and operate supersede the terms and conditions of permit to install 14-04716, as issued on March 25, 2008, for emissions unit K001.

2. K003, Application of contact adhesives

Operations, Property and/or Equipment Description:

Doorline for the application of contact adhesives

- 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. d)(2) and d)(3).
 - (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)d., c)(4), d)(1)j., and e)(4).
- 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)	Organic compound (OC) emissions shall not exceed 93.15 pounds per day and 17.4 tons per year (TPY) when coating non-metal parts. Organic compound (OC) emissions shall not exceed 12.2 pounds per day and 2.2 tons per year (TPY) when coating metal parts. Organic compound (OC) emissions shall not exceed 19.6 tons per year (TPY) total. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(U)(2)(e)(ii).
b.	OAC rule 3745-21-07(G)(2)	Exempt, see c)(4) and b)(2)b.
c.	OAC rule 3745-21-09(U)(2)(e)(ii)	Coating usage shall not exceed 3 gallons per day for metal parts.



	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
d.	OAC rule 3745-31-05(D)	See Sections B.2., B.3., B.4., B.5., B.6., B.7., B.8., and B.9.
e.	OAC rule 3745-17-11(C)	Exempt per OAC rule 3745-17-11(A)(1)(h) and (j).

(2) Additional Terms and Conditions

- a. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the usage, OC content and emission limits, the use of non-photochemically reactive materials and compliance with the air toxics policy.
- b. 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 following terms and conditions shall become void after U.S. EPA approves the rule revision:

c)(4), d)(1)j., and e)(4).

c) Operational Restrictions

- (1) The maximum coating usage for emissions unit K003 shall not exceed 23 gallons per day and 8585 gallons per year, including water and exempt solvents for coating non-metal parts.
- (2) The maximum coating usage for emissions unit K003 shall not exceed 3 gallons per day and 1,095 gallons per year, including water and exempt solvents for coating metal parts.
- (3) The OC content of any coating employed when coating both metal and non-metal parts in emissions unit K003 shall not exceed 4.05 pounds per gallon, as applied, including water and exempt solvents.
- (4) The use of photochemically reactive material as defined in OAC rule 3745-21-01(C)(5) is prohibited.

d) Monitoring and/or Recordkeeping Requirements

- (1) The permittee shall collect and record the following information for each day for emissions unit K003:
 - a. The name and identification number of each coating employed.
 - b. The OC content of each coating for non-metal parts, in pounds per gallon, as applied, including water and exempt solvents.

- c. The volume, in gallons, of each coating employed for coating non-metal parts, including water and exempt solvents.
 - d. The total volume, in gallons, of all coatings employed for coating non-metal parts, including water and exempt solvents.
 - e. The daily OC emissions from coating non-metal parts, calculated by taking the sum of c. times d. for each coating employed for coating non-metal parts.
 - f. The OC content of each coating for metal parts, in pounds per gallon, as applied, including water and exempt solvents.
 - g. The volume, in gallons, of each coating employed for coating metal parts, including water and exempt solvents.
 - h. The total volume, in gallons, of all coatings employed for coating metal parts, including water and exempt solvents.
 - i. The daily VOC emissions from coating metal parts, calculated by taking the sum of g. times h. for each coating employed for coating non-metal parts.
 - j. Documentation on whether or not each coating is a photochemically reactive material as defined in OAC rule 3745-21-01(C)(5).
- (2) The permittee shall maintain monthly records of the following information for emissions unit K003:
- a. the total volume, in gallons, of all coatings employed for non-metal parts (summation of d)(1)d. for all days of the calendar month);
 - b. the total volume, in gallons, including water and exempt solvents, of all coatings employed for metal parts (summation of d)(1)h. for all days of the calendar month);
 - c. the total OC emissions, in pounds, from all coatings employed for non-metal parts (summation of d)(1)e. for all days of the calendar month); and
 - d. the total VOC emissions, in pounds, from all coatings employed for metal parts (summation of d)(1)i. for all days of the calendar month).

These monthly records shall be maintained for the purpose of determining annual OC emissions for the emissions unit.

- (3) The federally enforceable permit to install and operate for this emissions unit (K003) was evaluated based on the actual materials and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model (or other Ohio EPA approved model). The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level

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

Pollutant: Methyl methacrylate

TLV (ug/m3): 409,500

Maximum Hourly Emission Rate (lbs/hr): 4.5

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 893

MAGLC (ug/m3): 9750

Pollutant: Vinyl acetate

TLV (ug/m3): 35,200

Maximum Hourly Emission Rate (lbs/hr): 0.015

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 3.0

MAGLC (ug/m3): 838

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 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.).
- (4) 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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC

rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final federally enforceable permit to install and operate 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 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. when 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) Unless other arrangements have been approved by the Director, all notifications and reports shall be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal.
- (2) The permittee shall submit quarterly deviation (excursion) reports that identify:
 - a. all deviations (excursions) of the following emission limitations, operational restrictions and/or control device operating parameter limitations 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:

all exceedances of the rolling, 12-month emission limitation for OC/VOC emissions specified in Section B.3.; and

all exceedances of the rolling, 12-month emission limitations for HAP emissions specified in Section B.2.
 - 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, electronically through Ohio EPA Air Services, each year by January 31 (covering October to December), April 30 (covering January to March), July 31 (covering April to June), and October 31 (covering July to September),

unless an alternative schedule has been established and approved by the Director (the appropriate District Office or local air agency).

- (3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the emissions unit exceeded any usage limitation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
- (4) The permittee shall notify the Hamilton County Department of Environmental Services in writing identifying each day during which any photochemically reactive material [as defined in OAC rule 3745-21-01(C)(5)] was employed in this emissions unit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.
- (5) 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 emission limitations in b)(1) of these terms and conditions shall be demonstrated by the following methods:

- a. **Emission Limitation:**

Organic compound (OC) emissions shall not exceed 93.15 pounds per day and 17.4 tons per year (TPY) when coating non-metal parts.

Applicable Compliance Method:

Compliance with the daily OC emission limitation when coating non-metal parts identified in b)(1)a. shall be demonstrated by the record keeping requirement identified in d)(1).

Actual daily OC emissions when coating non-metal parts for emissions unit K003 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

$$OC = \text{Sum of } [(gallons \text{ of coating employed in gallons per day}) \times (OC \text{ content of coating in pounds per gallon})]$$
 for each coating material employed per day when coating non-metal parts.

Compliance with the annual OC emission limitation identified in b)(1)a. shall be demonstrated by the record keeping requirement identified in d)(2).

Actual OC emissions when coating non-metal parts for emissions unit K003 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed) x (OC content of coating) / (2000 lbs per ton)] for each coating material employed when coating non-metal parts.

b. Emission Limitation:

Organic compound (OC) emissions shall not exceed 12.2 pounds per day and 2.2 tons per year (TPY) when coating metal parts.

Applicable Compliance Method:

Compliance with the daily OC emission limitation when coating metal parts identified in b)(1)a. shall be demonstrated by the record keeping requirement identified in d)(1).

Actual daily OC emissions when coating metal parts for emissions unit K003 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed in gallons per day) x (OC content of coating in pounds per gallon)] for each coating material employed per day when coating metal parts.

Compliance with the annual OC emission limitation identified in b)(1)a. shall be demonstrated by the record keeping requirement identified in d)(2).

Actual OC emissions when coating metal parts for emissions unit K003 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed) x (OC content of coating) / (2000 lbs per ton)] for each coating material employed when coating metal parts.

c. Emission Limitation:

Organic compound (OC) emissions shall not exceed 19.6 tons per year (TPY) total.

Applicable Compliance Method:

Compliance with the annual OC emission limitation identified in b)(1)a. shall be demonstrated by the record keeping requirement identified in d)(2).

Actual OC emissions for emissions unit K003 shall be determined based on the following equation from the permittee-supplied information in FEPTIO application P0106429 as submitted on May 28, 2010:

OC = Sum of [(gallons of coating employed) x (OC content of coating) / (2000 lbs per ton)] for each coating material employed.

d. Emission Limitation:

The OC content of any coating employed when coating both metal and non-metal parts in emissions unit K003 shall not exceed 4.05 pounds per gallon, as applied, including water and exempt solvents.

Applicable Compliance Method:

In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren, and Wood Counties shall use USEPA Method 24 to determine the OC contents of the coatings. If an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

Compliance with this OC content limitation shall be demonstrated by the record keeping requirements specified in d)(1).

- (2) Compliance with the usage restrictions in c)(1) and c)(2) shall be demonstrated by the record keeping in d)(1) and d)(2).

g) Miscellaneous Requirements

- (1) The terms and conditions of this federally enforceable permit to install and operate supersede the terms and conditions of permit to install 14-05045, as issued on January 23, 2001, for emissions unit K003.