John R. Kasich, Governor
Mary Taylor, Lt. Governor
Craig W. Butler, Director

6/24/2014

Certified Mail

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

Mr. Greg Smith
Honeywell Lighting and Electronics
550 State Route 55
Urbana, OH 43078

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0511010009
Permit Number: P0116567
Permit Type: Renewal
County: Champaign

Dear Permit Holder:

Enclosed please find a final Ohio Environmental Protection Agency (EPA) 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. In this letter you will find the information on the following topics:

- **How to appeal this permit**
- **How to save money, reduce pollution and reduce energy consumption**
- **How to give us feedback on your permitting experience**
- **How to get an electronic copy of your permit**

How to appeal this permit

The issuance of this PTIO 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 Josh Mandel," 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
77 South High Street, 17th Floor
Columbus, OH 43215

How to save money, reduce pollution and reduce energy consumption

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Compliance Assistance and Pollution Prevention at (614) 644-3469. Additionally, all or a portion of the capital expenditures related to installing air pollution control equipment under this permit may be eligible for financing and State tax exemptions through the Ohio Air Quality Development Authority (OAQDA) under Ohio Revised Code Section 3706. For more information, see the OAQDA website: www.ohioairquality.org/clean_air

How to give us feedback on your permitting experience

Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

How to get an electronic copy of your permit

This permit can be accessed electronically via the eBusiness Center: Air Services in Microsoft Word format or in Adobe PDF on the Division of Air Pollution Control (DAPC) Web page, www.epa.ohio.gov/dapc by clicking the "Search for Permits" link under the Permitting topic on the Programs tab.

If you have any questions, please contact Ohio EPA DAPC, Southwest District Office at (937)285-6357or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA-SWDO

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
Honeywell Lighting and Electronics

Facility ID:	0511010009
Permit Number:	P0116567
Permit Type:	Renewal
Issued:	6/24/2014
Effective:	6/24/2014
Expiration:	6/24/2019

Division of Air Pollution Control
Permit-to-Install and Operate
for
Honeywell Lighting and Electronics

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Authorization

Facility ID:	0511010009
Application Number(s):	A0049998
Permit Number:	P0116567
Permit Description:	FEPTIO renewal permit for Other Aircraft Parts and Auxiliary Equipment Manufacturing
Permit Type:	Renewal
Permit Fee:	$0.00
Issue Date:	6/24/2014
Effective Date:	6/24/2014
Expiration Date:	6/24/2019

Permit Evaluation Report (PER) Annual Date: Jan 1 - Dec 31, Due Feb 15

This document constitutes issuance to:

Honeywell Lighting and Electronics
550 STATE RTE 55
Urbana, OH 43078

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

Ohio Environmental Protection Agency (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

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0116567
Permit Description: FEPTIO renewal permit for Other Aircraft Parts and Auxiliary Equipment Manufacturing

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

Group Name: Coating Operations

Emissions Unit ID:	**K001**
Company Equipment ID:	Conformal Coating Operation
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K002**
Company Equipment ID:	Night Vision Coating Operation
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K005**
Company Equipment ID:	Rt. 55 Booths 3 & 5
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K008**
Company Equipment ID:	Rt. 55 Paint Dept. Booth #2
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K009**
Company Equipment ID:	Rt 55 Paint Dept. Booth #1
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K103**
Company Equipment ID:	R&O Coating Operation
Superseded Permit Number:	P0109274
General Permit Category andType:	Not Applicable

Group Name: Solvent Cleanup Usage Group

Emissions Unit ID:	**P001**
Company Equipment ID:	Solvent Handwipe Cleaning Operation
Superseded Permit Number:	P0108657
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P002**
Company Equipment ID:	Printed Circuit Board Manufacturing Operation
Superseded Permit Number:	P0108657
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**P208**
Company Equipment ID:	Resin Mold Fabrication Operations
Superseded Permit Number:	P0108657
General Permit Category andType:	Not Applicable

Group Name: Swirl Coating Group

Emissions Unit ID:	**K013**
Company Equipment ID:	Swirl Coating #1
Superseded Permit Number:	P0110098
General Permit Category andType:	Not Applicable
Emissions Unit ID:	**K014**
Company Equipment ID:	Swirl Coating #2
Superseded Permit Number:	P0110098
General Permit Category andType:	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. For facilities that are permitted as synthetic minor sources, the fee schedule is adjusted annually for inflation. Ohio EPA will notify you when it is time to report your emissions and to pay your annual emission fees.

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

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

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

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

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

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

7. What reports must I submit under this permit?

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

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

If you are required to obtain a Title V permit under OAC Chapter 3745-77 in the future, the permit-to-operate portion of this permit will be superseded by the issued Title V permit. From the effective date of the Title V permit forward, this PTIO will effectively become a PTI (permit-to-install) in accordance with OAC rule 3745-31-02(B). The following terms and conditions of this permit 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 [DO/LAA] in accordance with OAC rule 3745-15-06(B). Malfunctions that must be reported are those that result in emissions that exceed permitted emission levels. It is your responsibility to evaluate control equipment breakdowns and operational upsets to determine if a reportable malfunction has occurred.

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

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

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

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

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

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

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

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

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

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

change in ownership or operator. Any transferee of this permit must assume the responsibilities of the transferor permit holder.

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.

2. The emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from this facility shall be less than 7.5 tons per year (TPY) for any individual HAP and 22.5 TPY for the combination of all HAPs, based upon rolling, 12-month summations. The emission units included in this facility-wide limitation are: K001, K002, K005, K008, K009, K013, K103, K014, P001, P002 and P208.

3. The permittee shall collect and record the following information each month for this facility:

   a) the company identification for each HAP-emitting material (i.e., all HAP-containing coatings, clean-up materials, resins, adhesives, potting compounds, plating chemicals, etc.);

   b) the individual HAP content of each HAP emitting material;

   c) the total combined HAP content of each HAP emitting material (i.e. sum of individual HAP contents from b);

   d) the amount of each HAP emitting material employed during the previous calendar month;

   e) the hours of operation, or other emissions determining rationale, of all HAP-generating sources (e.g., fuel combustion, sanding/grinding operations, plating);

   f) the total individual HAP emissions from all HAP-emitting materials employed and all HAP-generating sources, in pounds or tons per month;

   g) the total combined HAP emissions from all HAP emitting materials employed and all HAP-generating sources, in pounds or tons per month;

   h) the rolling, 12-month summation of individual HAP emissions from all HAP-emitting materials employed and all HAP-generating sources, in tons; and

   i) the rolling, 12-month summation of total combined HAP emissions from all HAP-emitting materials employed and all HAP-generating sources, in tons.

   The permittee shall have the option of using the potential to emit in place of the recordkeeping described in B.3. for any “de minimis” or exempt emissions unit for purposes of complying with the facility-wide HAP(s) limitations. Furthermore, the permittee shall have the flexibility to use

purchasing records in lieu of recordkeeping requirement as stated in B.3.d) for purposes of complying with the facility-wide HAP(s) limitations.

4. The permittee shall submit quarterly deviation (excursion) reports for the following emissions unit(s) 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:

   b) The rolling 12 individual HAP emissions is equal to or greater than 7.5 tons from this facility; and

   c) The rolling 12 month combined HAP's emissions are equal to or greater than 22.5 tons from this facility.

   d) the probable cause of each deviation (excursion);

   e) any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

   f) 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).

   [OAC rule 3745-15-03(B)(1)(b)] and [OAC rule 3745-15-03(C)]

5. This facility is subject to 40 CFR 63, Subpart HHHHHH, National Emission Standards for Hazardous Air Pollutants: Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources. The complete 40 CFR 63 requirements, including the 40 CFR 63 General Provisions may be accessed via the internet from the Electronic Code of Federal Regulations (e-CFR) website http://ecfr.gpoaccess.gov or by contacting the Ohio EPA, Southwest District Office. Table 1 to 40 CFR 63, Subpart HHHHHH identifies which parts of the General Provisions in 40 CFR 63, Subpart A apply.

   [40 CFR 63, Subpart HHHHHH]

C. Emissions Unit Terms and Conditions

1. K001, Metal coating booth, with electric oven

Operations, Property and/or Equipment Description:

Metal coating booth, with electric oven

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. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	81.6 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

a. Emission Limitations:

81.6 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

2. K002, Aircraft metal parts coating line

Operations, Property and/or Equipment Description:

Aircraft metal parts coating line

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

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

a. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	75.1 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

c. Emission Limitations:

75.1 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

3. K005, Metal and plastic coating booth, with electric oven

Operations, Property and/or Equipment Description:

Metal and plastic coating booth, with electric oven

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. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	88.0 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

c. Emission Limitations:

88.0 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

4. K008, Rt. 55 Paint Dept. Booth 2: Metal, Plastic, and other coating

Operations, Property and/or Equipment Description:

Rt. 55 Paint Dept. Booth 2: Metal, Plastic, and other coating

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. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	68.66 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

c. Emission Limitations:

68.66 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

5. K009, Rt. 55 Paint Dept. Booth 1: Metal, Plastic, and other material coating

Operations, Property and/or Equipment Description:

Rt. 55 Paint Dept. Booth 1: Metal, Plastic, and other material coating

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. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	68.66 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

c. Emission Limitations:

68.66 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

6. K103, Metal coating booth, with electric oven

Operations, Property and/or Equipment Description:

Metal coating booth, with electric oven

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. None.

(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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a	OAC rule 3745-31-05(A)(3)	88.0 lbs OC per day from all coatings employed in this emissions unit, as applied.
b	OAC rule 3745-31-05(A)(3), as effective 11/30/01	BAT has been determined to be compliance with existing requirements for OAC rule 3745-17-11. See b)(2)a.
c	OAC rule 3745-31-05(A)(3)(a)(ii), as effective 12/01/06	See b)(2)b.
d	OAC rule 3745-31-05(D) Synthetic Minor Limit to Avoid Title V	Combined OC emissions from the following coating operations shall not exceed 42.2 tons per rolling 12-month period from emissions units K001, K002, K005, K008, K009, and K103.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		Combined OC emissions from the use of cleanup materials in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period. See c)(1) and (2).
e	OAC rule 3745-21-09(U)(2)(e)	See c)(3).
f	OAC rule 3745-17-11(A)(1)(k)	See b)(2)(c).
g	40 CFR 63, Subpart HHHHHH	See Section B "Faculty-Wide Terms and Condition".

(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 Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this emissions unit since the potential emissions are less than ten (10) tons per year.

c. This emissions unit is not subject to the requirements established by OAC 3745-17-11 as long as the coating operation continues to employ only hand-held cup spray guns.

c) Operational Restrictions

(1) The combined clean-up solvent usage in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed a combined 12 month rolling usage of 2,007.5 gallons.

(2) The OC content of clean-up material employed in emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 8.0 pounds of VOC/OC per gallon.

(3) The amount of coating employed in this emissions unit shall not exceed 10 gallons per day, when coating metal parts, including any added thinners and reducers, as applied.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. the date the emissions unit was operated;

b. the company identification for each coating employed;

c. the number of gallons of each coating employed;

d. the VOC/OC content of each coating, in pounds per gallon, as applied; and

e. the total VOC/OC emission rate for all coatings employed, in pounds per day.

(2) The permittee shall collect monthly records on the clean-up materials employed in emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each clean-up material employed;

b. the amount of each clean-up material employed during the previous calendar month, in gallons. This may be based on purchasing records or actual usage tracking;

c. the total combined rolling, 12-month summation of clean-up material employed, in gallons. The rolling, 12-month summation of the clean-up material employed is the total amount clean-up material employed for the current month ("b") plus the total amount of clean-up material employed ("b") for the 11 previous calendar months). This may be based on purchasing records or actual usage tracking;

d. the OC content of each clean-up material, in pounds per gallon, as applied;

e. the amount of estimated OC generated from clean-up material employed, in tons, (the sum of [("b" x "d")/2000]); and

f. the total combined rolling, 12-month summation OC emissions, in tons[1.] from cleanup materials employed. The rolling, 12-month summation of the total OC emissions is the total amount of OC emissions for the current month ("e") plus the total amount of OC emissions ("e") for the 11 previous calendar months.

[1.] OC emission rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above list combined cleanup OC emission limitations, in section b)(1)d.

(3) The permittee shall collect and record the following information each month for emissions units K001, K002, K005, K008, K009, and K103:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed during the previous calendar month. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC emissions for all coatings and clean-up materials employed, in tons per month; and

e. the total combined VOC/OC emission rate for all coatings and cleanup materials employed, in tons per rolling 12- month period.

(4) The permittee shall collect and record the total number of gallons of coating, including any added thinners and reducers, as applied, when coating metal parts in this emissions unit.

e) Reporting Requirements

(1) The permittee shall submit deviation (excursion) reports for that identify each exceedance of the following:

a. combined rolling 12-month cleanup material usage in emissions units K001, K002, K005, K008, K009, and K103 of 2,007.5 gallons;

b. clean-up solvent VOC/OC content of 8.0 pounds per gallon, in emissions units K001, K002, K005, K008, K009, and, K103; and

c. combined rolling 12-month VOC/OC emission of 42.2 tons from emissions units K001, K002, K005, K008, K009, and K103.

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

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

a. Emission Limitations:

The OC emissions from the use of clean-up material employed in K001, K002, K005, K008, K009, and K103 shall not exceed 8.03 tons per rolling 12 month period.

Applicable Compliance Method:

Compliance with the OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

b. Emission Limitations:

Combined VOC/OC emissions from emissions units K001, K002, K005, K008, K009, and K103 shall not exceed 42.2 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance combined VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

c. Emission Limitations:

88.00 lbs VOC/OC per day from all coatings employed in this emissions unit.

Applicable Compliance Method:

Compliance with the daily VOC/OC emission limitation shall be determined by the recordkeeping requirement as established in section d) of this permit.

(2) USEPA Method 24 or manufacturer's formulation data shall be used to determine the OC and HAP contents of coatings and clean-up solvents.

g) Miscellaneous Requirements

(1) None.

7. Emissions Unit Group -Solvent Cleanup Usage Group: P001,P002,P208,

EU ID	Operations, Property and/or Equipment Description
P001	Route 55 & Russell St solvent work stations
P002	Printed Circuit Board Manufacturing Operations
P208	Resin room

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. None.

(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) 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.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	Use of control measure in section c)(1) of this permit.
b.	OAC rule 3745-31-05(D) (to minimize the potential emissions below the applicable thresholds of Title V)	Combined VOC/OC emissions from the solvent cleanup operations in emissions units P001, P002, and P208 shall not exceed 20 tons per rolling 12-month period

(2) Additional Terms and Conditions

a. None.

c) Operational Restrictions

(1) The product cleaning operation in this emissions unit shall be equipped with solvent dispenser and a waste material disposal container equipped with a lid, in order to minimize and/or eliminate the release of VOC/OC fugitive emissions.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the solvent cleaning materials employed in emissions units P001, P002, and P208:

a. the number of gallons employed;

b. the number of gallons disposed of;

c. the VOC/OC content of the material employed;

d. the VOC/OC emitted, in tons, (the summation of: {[("a" x "c") - ("b" x "c")] / 2000});
and

e. the total combined rolling, 12-month summation VOC/OC emissions, in tons[1]. The rolling, 12-month summation of the total VOC/OC emissions (the total amount of VOC/OC emissions for the current month ("d") plus the total amount of VOC/OC emissions for the 11 previous calendar months).

[1.] VOC/OC emissions rates calculated based on purchasing records are assumed to represent the worst case actual emissions and may be used to demonstrate compliance with the above listed combined cleanup VOC/OC emission limitations, in section b)(1)b.

e) Reporting Requirements

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

a. all deviations (excursions) of the following emission limitations, operational restrictions 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:

i. combined rolling 12 month VOC/OC emission rate of 20.0 tons from the use of cleanup solvent emissions in emissions units P001, P002, and P208.

b. the probable cause of each deviation (excursion);

c. any corrective actions that were taken to remedy the deviations (excursions) or prevent future deviations (excursions); and

d. the magnitude and duration of each deviation (excursion).

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

The quarterly reports shall be submitted (postmarked) each year by the thirty-first of January (covering October to December), the thirtieth of April (covering January to March), the thirty-first of July (covering April to June), and the thirty-first of October (covering July to September), unless an alternative schedule has been established and approved by the director (the appropriate district office or local air agency).

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

f) Testing Requirements

(1) Compliance with the Emissions Limitations and/or Control Requirements specified in section b) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

Combined VOC/OC emissions from the solvent cleanup operations in emissions units P001, P002, and P208 shall not exceed 20 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with the combined rolling 12-month VOC/OC emission limitation shall be determined by the recordkeeping requirement specified in d)(1).

g) Miscellaneous Requirements

(1) None.

8. Emissions Unit Group -Swirl Coating Group: K013,K014,

EU ID	Operations, Property and/or Equipment Description
K013	Swirl Coating Operation #1: Metal, Plastic, and circuit board coating
K014	Swirl Coating Operation #2: Metal, Plastic, and circuit board coating.

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)h and d)(3), below.

(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 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 3745-31-05(A)(3), as effective 11/30/01	Compliance with the coating usage limitations under OAC rule 3745-21-09(U)(2)(e) and OAC rule 3745-17-11(A)(1)(i). See b)(2) c and d.
b.	OAC rule 3745-31-05(A)(3)(ii), as effective 12/01/06	See b)(2)b.
c.	OAC rule 3745-31-05 (F) voluntary limit to minimize overall emissions	Volatile organic compound (VOC) emissions shall not exceed 9.9 tons per rolling 12 month period, including both coatings and cleanup materials. See c)(1).
d.	OAC rule 3745-21-09(U)(2)	See b)(2)c. and c)(1).
e.	OAC rule 3745-17-11(C)	Exempt under OAC 3745-17-11(A)(1)(i) See b)(2)(d.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
f.	OAC rule 3745-17-07	Exempt under OAC 3745-17-07(A)(3)(h) See b)(2)e.
g.	40 CFR Part 63 Subpart HHHHHH (H6)	Exempt See b)(2)f.
h.	OAC rule 3745-114-01	Ohio Toxic Rule See d)(3).

(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. This paragraph applies once U.S. EPA approves the December 1. 2006 version of OAC rule 3745-31-05, as part of the State Implementation Plan, (SIP).

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) or VOC emissions from this emissions unit since the potential to emit of each pollutant is less than ten tons per year.

c. In accordance with OAC 3475-21-09(U)(2)(e)(iii), miscellaneous metal parts or products coating lines which never use more than 10 gallons per day when coating metal are exempt from the requirements of OAC 3745-21-09(U).

d. This emissions unit is not subject to the requirements established by OAC rule 3745-17-11 as long as the permittee maintains coating usage records, coating purchase records, and /or coating production records that demonstrate the actual coating usage is less than five gallons per day.

e. Under OAC rule 3745-17-07(A)(3)(h), any air contaminant source which is not subject to any mass emission limitation in rules 3745-17-08, 3745-17-09, 3745-17-10 or 3745-17-11 of the OAC is not subject to the opacity standard for stack emissions in OAC 3745-17-07(A)(1).

f. As defined in 40 CFR 63.11180, “spray-applied coating operations” mean coatings that are applied using a hand-held device. The swirl coating operations utilize automated spray nozzles and do not meet the definition of spray-applied coating operations. Therefore, the swirl coating operations are not subject to NESHAP HHHHHH.

c) Operational Restrictions

(1) The coatings, as applied (including added thinners) usage in this emissions unit shall not exceed 5 gallons per day.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for this emissions unit:

a. The name and identification number of each coating, as applied (including added thinners); and

b. The number of gallons of each coating employed.

(2) The permittee shall maintain the following monthly records on the material employed in this emissions unit:

a. the company identification for each coating and clean-up material employed;

b. the number of gallons of each coating and clean-up material employed. The clean-up material employed may be based on purchasing records or actual usage tracking;

c. the VOC/OC content of each coating and clean-up material, in pounds per gallon, as applied;

d. the total combined VOC/OC generated by all coatings and clean-up materials employed, in tons per month;

e. the amount of clean-up material recovered, in gallons;

f. the VOC/OC content of recovered clean-up material, in percent by volume;

g. the estimated amount of clean-up material recovered, in gallons, (the summation of: ("e" x "f");

h. the total amount of VOC/OC material recovered, in tons per month, (the summation of: [("g" x 7.51 pounds of gallon*)/ 2000));

i. the total combined monthly VOC/OC emissions, in tons per month, (the summation of: ("d" - "h"); and

j. the total combined rolling, 12-month summation VOC/OC emissions, in tons. The rolling, 12-month summation of the total VOC/OC emissions (the total amount of VOC/OC emissions for the current month ("i") plus the total amount of VOC/OC emissions for the 11 previous calendar months)

* This assumed VOC/OC content of 7.51 pounds per gallon is based on the lowest VOC/OC content of the clean-up solvents that will be employed at this facility, which were listed in the PTI application. This assumption represents the worst case emissions as based on the facility's application.

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

[ORC 3704.03(F)(3)(c) and F(4)]

e) Reporting Requirements

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

a. Emission Limitations:

9.9 tons of VOC per rolling 12 month period.

Applicable Compliance Method:

Compliance with the gallon usage restriction above shall be based on the record keeping requirements established in section d) of this permit.

Formulation data or USEPA Method 24 shall be used to determine the VOC contents of the coatings and cleanup materials.

g) Miscellaneous Requirements

(1) None.