State of Ohio Environmental Protection Agency

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

TELE: (614) 644-3020 FAX: (614) 644-3184
www.epa.state.oh.us

MAILING ADDRESS:
P.O. Box 1049
Columbus, OH 43216-1049

Certified Mail

4/9/2009

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

RICHARD WALSER
HALL COMPANY, THE
420 EAST WATER STR
URBANA, OH 43078

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0511010104
Permit Number: P0104029
Permit Type: Renewal
County: Champaign

Dear Permit Holder:

Enclosed please find a final Air Pollution Permit-to-Install and Operate ("PTIO") which will allow you to install, modify, and/or operate the described emissions unit(s) in the manner indicated in the permit. Because this permit contains conditions and restrictions, please read it very carefully.

Ohio EPA maintains a document entitled "Frequently Asked Questions about the PTIO". The document can be downloaded from the DAPC Web page, www.epa.state.oh.us/dapc, from the "Permits" link. This document contains additional information related to your permit, such as what activities are covered under the PTIO, who has enforcement authority over the permit and Ohio EPA's authorization to inspect your facility and records. Please contact the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469 if you need assistance.

The issuance of this PTIO is a final action of the Director and may be appealed to the Environmental Review Appeals Commission ("ERAC") under Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and describe the action complained of and the grounds for the appeal. The appeal must be filed with the ERAC within thirty (30) days after notice of the Director's action. A filing fee of $70.00 must be submitted to the ERAC with the appeal, although the ERAC, has discretion to reduce the amount of the filing fee if you can demonstrate (by affidavit) that payment of the full amount of the fee would cause extreme hardship. If you file an appeal of this action, you must notify Ohio EPA of the filing of the appeal (by providing a copy to the Director) within three (3) days of filing your appeal with the ERAC. Ohio EPA requests that a copy of the appeal also be provided to the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the ERAC at the following address:

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

If you have any questions regarding this permit, please contact the Ohio EPA DAPC, Southwest District Office. This permit has been posted to the Division of Air Pollution Control (DAPC) Web page www.epa.state.oh.us/dapc.

Sincerely,

Michael W. Ahern

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

Cc: Ohio EPA-SWDO

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

FINAL

Air Pollution Permit-to-Install and Operate
for
HALL COMPANY, THE

Facility ID: 0511010104
Permit Number: P0104029
Permit Type: Renewal
Issued: 4/9/2009
Effective: 4/9/2009
Expiration: 4/9/2014

State of Ohio Environmental Protection Agency
Division of Air Pollution Control

Air Pollution Permit-to-Install and Operate
for
HALL COMPANY, THE

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Authorization

Facility ID: 0511010104
Application Number(s): A0036240
Permit Number: P0104029
Permit Description: FEPTIO for the facility that will limit the combined HAP's emissions to below Title V thresholds
Permit Type: Renewal
Permit Fee: $0.00
Issue Date: 4/9/2009
Effective Date: 4/9/2009
Expiration Date: 4/9/2014
Permit Evaluation Report (PER) Annual Date: July 1 - June 30, Due Aug 15

This document constitutes issuance to:

HALL COMPANY, THE
420 EAST WATER ST
Urbana, OH 43078

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

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

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

The above named entity is hereby granted this Permit-to-Install and Operate for the air contaminant source(s) (emissions unit(s)) listed in this section pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the described emissions unit(s) will operate in compliance with applicable State and federal laws and regulations.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Chris Korleski
Director

Authorization (continued)

Permit Number: P0104029
Permit Description: FEPTIO for the facility that will limit the combined HAP's emissions to below Title V thresholds

Permits for the following emissions unit(s) or groups of emissions units are in this document as indicated below:

Emissions Unit ID:	**K001**
Company Equipment ID:	Paint Booth #1
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P001**
Company Equipment ID:	Anodizing
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**R001**
Company Equipment ID:	Plastic screen printing line
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable

A. Standard Terms and Conditions

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

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

2. **Who is responsible for complying with this permit?**

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

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

3. **What records must I keep under this permit?**

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

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

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

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

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

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

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

   This permit expires on the date identified at the beginning of this permit document (see "Authorization" page above) and you must submit a renewal application to renew the permit. Ohio EPA will send a renewal notice to you approximately six months prior to the expiration date of this permit. However, it is very important that you submit a complete renewal permit application (postmarked prior to expiration of this permit) even if you do not receive the renewal notice.

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

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

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

7. What reports must I submit under this permit?

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

B. Facility-Wide Terms and Conditions

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

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

      (1) None.

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

      (1) None.

C. Emissions Unit Terms and Conditions

1. K001, Paint Booth #1

Operations, Property and/or Equipment Description:

Paint Booth #1, with dry filter system and daily limits

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

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

a. b)(1)e., and d)(7).

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

a. b)(1)b., d)(1), e)(1), and f)(1)a.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The VOC emissions from emissions unit K001 shall not exceed 32.4 pounds per day. See Sections c)(1), c)(2), c)(3), d)(1), e)(1), and f)(1)a., below.
b.	OAC rule 3745-31-05(D) (to avoid Title V requirements)	The combined hazardous air pollutants (HAP's) emissions from emissions units K001 and R001 shall not exceed 53.3 pounds per day and 9.7 tons per year. See Sections d)(2), e)(1), and f)(1)b., below.
c.	OAC rule 3745-17-11(C)	The permittee shall operate the dry particulate filter whenever this emissions unit is in operation.

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		See Sections b)(2)a., c)(4), c)(5), d)(3), d)(4), d)(5), d)(6), and e)(2), below.
d.	OAC rule 3745-17-07	Visible particulate emissions from any stack shall not exceed 20% opacity as a six –minute average, except as provided by rule. See Section f)(1)c., below
e.	OAC rule 3745-114-01	See Section d)(7), below

(2) Additional Terms and Conditions

a. On February 1, 2008, OAC rule 3745-17-11 was revised to include paragraph (C), pertaining to control requirements for particulate emissions from surface coating processes. These control requirements and the associated operational restrictions, monitoring, record keeping, and reporting requirements contained in this permit shall become federally enforceable on the date the U.S. EPA approves paragraph (C) of OAC rule 3745-17-11 as a revision to the Ohio State Implementation Plan.

[OAC rule 3745-17-11(C)]

c) Operational Restrictions

(1) The volatile organic compound (VOC) content of each coating employed shall not exceed 6.1 pounds per gallon, excluding water and exempt solvents.

(2) The volatile organic compound (VOC) content of each liquid organic cleanup material employed shall not exceed 7.4 pounds of VOC per gallon

(3) The coating usage in this emissions unit shall not exceed 5 gallons per day. The liquid organic cleanup material usage in this emissions unit shall not exceed 0.25 gallons per day.

(4) The permittee shall operate and maintain the dry particulate filter system for the surface coating operations in accordance with the manufacturer=s recommendations, instructions, and/or operating manual(s) with any modifications deemed necessary by the permittee. The dry particulate filter shall be employed during all periods of coating application to control particulate emissions.

[OAC rule 3745-17-11(C)(2)(b)]

(5) The permittee shall expeditiously repair the dry particulate filter or otherwise return it to normal operations, as recommended by the manufacturer with any modifications deemed necessary by the permittee, whenever it is determined that the control device is not operating in accordance with these requirements.

[OAC rule 3745-17-11(C)(2)(e)]

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for the emissions unit K001:

a. The name and identification number of each coating and liquid organic cleanup material employed;

b. The VOC content of each coating and liquid organic cleanup material employed, in pounds per gallon;

c. The volume, in gallons, of each coating and liquid organic material employed; and

d. The calculated daily VOC emissions, from all of the coatings and liquid organic materials employed, in pounds emitted per day.

(2) The permittee shall collect and record the following information each day for the HAP usage and emissions from emissions units K001, P001, and R001, combined:

a. The name and identification number of each material containing hazardous air pollutant(s) (HAP) employed;

b. The amount of each material employed, (in pounds, gallons, etc…);

c. The HAP(s) content of the materials employed, (in percent by weight, pounds per gallon, etc…);

d. The amount of each individual HAP emitted, in pounds per day, (sum of: [(b) x (c) x (applicable emission factor)]);

e. Total combined daily HAPs emissions, in pounds per day, (sum of all (d));

f. The total combined HAPs emissions rate from emissions units K001, P001, and R001, in tons per year, (sum of all (e) for the calendar year).

(3) The permittee shall conduct periodic inspections of the dry particulate filter to determine whether it is operating in accordance with the manufacturer=s recommendations, instructions, or operating manuals with any modifications deemed necessary by the permittee or operator. These inspections shall be

performed at a frequency that shall be based upon the recommendation of the manufacturer and the permittee shall maintain a copy of the manufacturer=s recommended inspection frequency and it shall be made available to the Ohio EPA upon request.

[OAC rule 3745-17-11(C)(2)(c)]

(4) In addition to the recommended periodic inspections, not less than once each calendar year the permittee shall conduct a comprehensive inspection of the dry particulate filter while the emissions unit is shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

[OAC rule 3745-17-11(C)(2)(c)]

(5) The permittee shall document each inspection (periodic and annual) of the dry particulate filter system and shall maintain the following information:

a. the date of the inspection;

b. a description of each/any problem identified and the date it was corrected;

c. a description of any maintenance and repairs performed; and

d. the name of person who performed the inspection.

These records shall be maintained at the facility for not less than five years from the date the inspection and any necessary maintenance or repairs were completed and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

[OAC rule 3745-17-11(C)(2)(d) and (f)]

(6) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit was in operation, as well as, a record of all operations during which the dry particulate filter was not operated according to the manufacturer=s recommendations with any documented modifications made by the permittee. These records shall be maintained for a period of not less than five years and shall be made available to the Ohio EPA upon request.

[OAC rule 3745-17-11(C)(2)(f) and (g)]

(7) Modeling to demonstrate compliance with, the AToxic 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 permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The

permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

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. 6.1 pounds of VOC per gallon coating , excluding water and exempt solvents;

ii. 5 gallons of coating per day;

iii. 7.4 pounds of VOC per gallon liquid organic cleanup material;

iv. 0.25 gallons of liquid organic cleanup material per day:

v. 32.4 pounds of VOC emitted per day;

vi. 53.3 pounds of combined HAP's emitted per day from emissions units K001, P001, and R001; and

vii. 9.7 tons of combined HAP's emitted per year from emissions units K001, P001, and R001.

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).

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

(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.

[OAC rule 3745-15-03(B)(2)] and [OAC rule 3745-15-03(D)]

f) Testing Requirements

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

a. Emission Limitation:

32.4 pounds of VOC per day

The above limitation is based on the following equation:

DER = (Cu x Cv) + (Lu x Lv)

Where:

DER= Daily emissions rate, in pounds per day;

Cu = Coating usage, in gallons per day, (5 gallons per day);

Cv = VOC content of coating employed, in pounds per gallon, excluding water and exempt solvents, (6.1 pounds per gallon[1.]);

Lu = Liquid organic cleanup material usage, in gallons per day, (0.25 gallons per day); and

Lv = VOC content of liquids organic cleanup material employed, in pounds per gallon, (7.4 pounds per gallon).

[1.] Assumed to be the worst case without water and exempt solvents included.

Applicable Compliance Method:

Compliance shall be determined based upon the record keeping requirements contained in Section d(1)

b. Emission Limitation:

Combined HAPs from emissions units K001, P001, and R001 53.3 pounds of per day and 9.7 tons per calendar year.

Applicable Compliance Method:

Compliance shall be determined based upon the record keeping requirements contained in Section d(2)

c. Emission Limitation

Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method

Compliance shall be determined through visible emission observations performed in accordance with U.S. EPA Method 9.

[OAC rule 3745-17-03(B)(1)(a)] and [OAC rule 3745-17-07(A)(1)]

g) Miscellaneous Requirements

(1) None.

2. P001, Anodizing

Operations, Property and/or Equipment Description:

Anodizing

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)d., and d)(2)

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

a. b)(1)a. d)(1)., e)(1)., and f)(1)b..

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(D) (to avoid Title V requirements)	The combined hazardous air pollutants (HAP's) emissions from emissions units K001 and R001 shall not exceed 53.3 pounds per day and 9.7 tons per year.
b.	OAC 3745-17-07(A)(1).	Particulate emissions shall not exceed twenty percent (20%) opacity, as a six-minute average. See Section b)(2)a below.
c.	OAC rule 3745-17-11(B)(2)	The hourly uncontrolled particulate emissions does not equal or exceed ten pounds per hour.
d.	OAC rule 3745-114-01	See Section d)(2) below

(2) Additional Terms and Conditions

a. Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as provided by rule.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for the HAP usage and emissions from emissions units K001, P001, and R001, combined:

a. The name and identification number of each material containing hazardous air pollutant(s) (HAP) employed;

b. The amount of each material employed, (in pounds, gallons, etc…);

c. The HAP(s) content of the materials employed, (in percent by weight, pounds per gallon, etc…);

d. The amount of each individual HAP emitted, in pounds per day, (sum of: [(b) x (c) x (applicable emission factor)]);

e. Total combined daily HAPs emissions, in pounds per day, (sum of all (d));

f. The total combined HAPs emissions rate from emissions units K001, P001, and R001, in tons per year, (sum of all (e) for the calendar year).

(2) Modeling to demonstrate compliance with, the AToxic 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 permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

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. 53.3 pounds of combined HAP's emitted per day from emissions units K001, P001, and R001; and

ii. 9.7 tons of combined HAP's emitted per year from emissions units K001, P001, and R001.

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).

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

(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.

[OAC rule 3745-15-03(B)(2)] and [OAC rule 3745-15-03(D)

f) Testing Requirements

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

a. Emission Limitation:

Visible fugitive PE shall not exceed 20% opacity as a 3-minute average.

Applicable Compliance Method:

If required, compliance shall be determined in accordance with Test Method 9 as set forth in 40 CFR Part 60 (Appendix on Test Methods.

b. Emission Limitation:

Combined HAP(s) emissions shall not exceed 53.3 pounds per day and 9.7 tons per year.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements contained in the Section d)(1).

g) Miscellaneous Requirements

(1) None.

3. R001, Plastic screen printing line

Operations, Property and/or Equipment Description:

Plastic screen printing 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. b)(1)d. ,d)(3)

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

a. b)(1)b., d)(1), e)(1), & f)(1).

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	The VOC emissions from emissions unit R001 shall not exceed 39.96 pounds per day. See Sections c)(1), c)(2), d)(1), e)(1), and f)(1)a., below
b.	OAC rule 3745-31-05(D) (to avoid Title V requirements)	The combined hazardous air pollutants (HAP's) emissions from emissions units K001 and R001 shall not exceed 53.3 pounds per day and 9.7 tons per year. See Sections d)(2), e)(1), and f)(1)b., below
c.	OAC rule 3745-21-07(G)(2)	The organic compound (OC) emissions shall not exceed 8 pounds per hour nor 40 pounds per day, when

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
		employing photochemically reactive materials. See Section (b)(2)a., d)(4), e)(1), and f)(2)., below.
d.	OAC rule 3745-114-01	Ohio Toxic Rule See Section d)(3), below.

(2) Additional Terms and Conditions

a. The requirements established under OAC rule 3745-21-07 shall cease to be effective and federally enforceable on the date the U.S. EPA approves the current rule as a revision to the Ohio SIP for the control of organic compounds.

c) Operational Restrictions

(1) The organic compound (OC) content of the coating employed shall not exceed 5.4 pounds per gallon, excluding water and exempt solvents.

(2) The maximum amount of coatings employed shall not exceed 7.4 gallons per day.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each day for the emissions unit R001:

a. The name and identification number of each coating employed;

b. The VOC content of each coating material employed, in pounds per gallon;

c. The volume, in gallons, of each coating employed; and

d. The calculated daily VOC emissions, from all of the coatings employed, in pounds emitted per day.

(2) The permittee shall collect and record the following information each day for the HAP usage and emissions from emissions units K001, P001, and R001, combined:

a. The name and identification number of each material containing hazardous air pollutant(s) (HAP) employed;

b. The amount of each material employed, (in pounds, gallons, etc…);

c. The HAP(s) content of the materials employed, (in percent by weight, pounds per gallon, etc…);

d. The amount of each individual HAP emitted, in pounds per day, (sum of: [(b) x (c) x (applicable emission factor)]);

e. Total combined daily HAPs emissions, in pounds per day, (sum of all (d));

f. The total combined HAPs emissions rate from emissions units K001, P001, and R001, in tons per year, (sum of all (e) for the calendar year).

(3) Modeling to demonstrate compliance with, the AToxic 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 permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any toxic air contaminant to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit to install.

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

(4) The permittee shall collect and record the following information each day that photochemically reactive materials are employed for the emissions unit R001:

a. The name and identification number of each coating employed;

b. The VOC/OC content of each coating material employed, in pounds per gallon;

c. The volume, in gallons, of each coating employed;

d. The calculated daily OC emissions, in pounds emitted per day;

e. Hours of operation;

f. The calculated hourly OC emissions, in pounds per hour.

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. 5.4 pounds of VOC per gallon coating;

ii. 7.4 gallons of coatings employed per day;

iii. 39.96 pounds of VOC emitted per day

iv. 53.3 pounds of combined HAP's emitted per day from emissions units K001, P001, and R001; and

v. 9.7 tons of combined HAP's emitted per year from emissions units K001, P001, and R001.

vi. 8.0 pounds of OC emissions per hour, when photochemically reactive material (PRM) employed; and

vii. 40 pounds of OC emissions per day, when photochemically reactive material (PRM) employed

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).

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

(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.

[OAC rule 3745-15-03(B)(2)] and [OAC rule 3745-15-03(D)]

f) Testing Requirements

(1) Compliance with the emission limitations in section b)(1) and b)(2) of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

39.96 pounds of VOC per day

The above limitation is based on the following equation:

DER = Cu x Cv

Where:

DER= Daily emissions rate, in pounds per day;

Cu = Coating usage, in gallons per day, (7.4 gallons per day);

Cv = VOC content of coating employed, in pounds per gallon, excluding water and exempt solvents, (5.4 pounds per gallon[1.]);

Applicable Compliance Method:

Compliance shall be determined based upon the record keeping requirements contained in Section d(1)

b. Emission Limitations:

The total HAP emissions from all emissions units at this facility, including emissions from existing units not listed or specifically addressed in this permit, shall not exceed 53.3 pounds per day nor 9.7 tons per year

Applicable Compliance Method:

Compliance with the facility-wide HAP emission limitations shall be determined by the recordkeeping requirement specified in d)(2).

(2) Compliance with the emission limitations specified by the SIP and the previous OAC rule 3745-21-07(G)(2) in section b)(1)b of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

The OC emissions from the use photochemically reactive liquid organic materials or substance containing photochemically reactive material shall not exceed 8 pounds per hour nor 40 pounds per day.

Applicable Compliance Method:

Compliance with the above OC emission limitations shall be determined by the recordkeeping requirement specified in d)(4).

g) Miscellaneous Requirements

(1) None.