Ohio Environmental Protection Agency

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

7/21/2015

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

Allen Wheeler
GORMAN RUPP COMPANY
600 South Airport Rd.
MANSFIELD, OH 44903

RE: FINAL AIR POLLUTION PERMIT-TO-INSTALL AND OPERATE
Facility ID: 0370010056
Permit Number: P0118512
Permit Type: Renewal
County: Richland

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

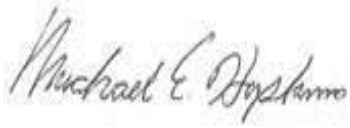
Please complete a survey at www.epa.ohio.gov/survey.aspx and give us feedback on your permitting experience. We value your opinion.

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, Northwest District Office at (419)352-8461 or the Office of Compliance Assistance and Pollution Prevention at (614) 644-3469.

Sincerely,



Michael E. Hopkins, P.E.
Assistant Chief, Permitting Section, DAPC

Cc: Ohio EPA-NWDO

Response to Comments

Facility ID:	0370010056
Facility Name:	GORMAN RUPP COMPANY
Facility Description:	Pumps and Pumping Equipment
Facility Address:	100 Rupp Rd Mansfield, OH 44903 Richland County
Permit:	P0118512, Permit-To-Install and Operate - Renewal
A public notice for the draft permit issuance was published in the Ohio EPA Weekly Review and appeared in the Mansfield News-Journal on 06/18/2015. The comment period ended on 07/18/2015.	
Hearing date (if held)	
Hearing Public Notice Date (if different from draft public notice)	

The following comments were received during the comment period specified. Ohio EPA reviewed and considered all comments received during the public comment period. By law, Ohio EPA has authority to consider specific issues related to protection of the environment and public health. Often, public concerns fall outside the scope of that authority. For example, concerns about zoning issues are addressed at the local level. Ohio EPA may respond to those concerns in this document by identifying another government agency with more direct authority over the issue.

In an effort to help you review this document, the questions are grouped by topic and organized in a consistent format. PDF copies of the original comments in the format submitted are available upon request.

1. Topic: Typographical Error

a. Comment: Page 2 of 72 under K003 (The Company ID is listed as Spray Booth #1 whereas it is Spray Booth #2)

b. Response: This error has been corrected.

FINAL

Division of Air Pollution Control
Permit-to-Install and Operate
for
GORMAN RUPP COMPANY

Facility ID:	0370010056
Permit Number:	P0118512
Permit Type:	Renewal
Issued:	7/21/2015
Effective:	7/21/2015
Expiration:	8/18/2019

Division of Air Pollution Control
Permit-to-Install and Operate
for
GORMAN RUPP COMPANY

Table of Contents

Authorization 1
A. Standard Terms and Conditions 4
1. What does this permit-to-install and operate ("PTIO") allow me to do? 5
2. Who is responsible for complying with this permit? 5
3. What records must I keep under this permit? 5
4. What are my permit fees and when do I pay them? 5
5. When does my PTIO expire, and when do I need to submit my renewal application? 5
6. What happens to this permit if my project is delayed or I do not install or modify my source? 6
7. What reports must I submit under this permit? 6
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? 6
9. What are my obligations when I perform scheduled maintenance on air pollution control equipment? 6
10. Do I have to report malfunctions of emissions units or air pollution control equipment? If so, how must I report? 7
11. Can Ohio EPA or my local air agency inspect the facility where the emission unit(s) is/are located? 7
12. What happens if one or more emissions units operated under this permit is/are shut down permanently? 7
13. Can I transfer this permit to a new owner or operator? 7
14. Does compliance with this permit constitute compliance with OAC rule 3745-15-07, "air pollution nuisance"? 8
15. What happens if a portion of this permit is determined to be invalid? 8
B. Facility-Wide Terms and Conditions 9
C. Emissions Unit Terms and Conditions 13
1. K001, West Paint Booth w/Filters 14
2. K003, Spray Booth #2 18
3. K004, Booth #1 1 23
4. K005, K005 30
5. K007, ES Spray Booth # 1 - Touch up 35
6. K008, Spray Booth #4 - Medium Assembly 39
7. K009, Spray Booth #3 - Light Assembly 43
8. K010, Spray Booth #7 47
9. K011, East Spray Booth w/filters 51

10. K012, ES Spray Booth #2 55
11. P801, P801 59
12. R003, # 0248 styrene resin hand lay-up booth 62
13. R006, Fiberglass Lay-Up Booth w/filters 65
14. R009, # 0246 Gel Coat Booth 69

Authorization

Facility ID:	0370010056
Application Number(s):	A0018517, A0037867, A0052479, M0003379, M0003380, M0003381
Permit Number:	P0118512
Permit Description:	FEPTIO to establish federally-enforceable emission limitations for the facility.
Permit Type:	Renewal
Permit Fee:	$0.00
Issue Date:	7/21/2015
Effective Date:	7/21/2015
Expiration Date:	8/18/2019

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

This document constitutes issuance to:

GORMAN RUPP COMPANY
100 Rupp Rd
Mansfield, OH 44903

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

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Craig W. Butler
Director

Authorization (continued)

Permit Number: P0118512
Permit Description: FEPTIO to establish federally-enforceable emission limitations for the facility.

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:	West Paint Booth w/Filters
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K003**
Company Equipment ID:	Spray Booth #2
Superseded Permit Number:	P0087516
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K004**
Company Equipment ID:	Booth # 1
Superseded Permit Number:	P0105108
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K005**
Company Equipment ID:	K005
Superseded Permit Number:	P0105108
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K007**
Company Equipment ID:	ES Spray Booth # 1 - Touch up
Superseded Permit Number:	P0028595
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K008**
Company Equipment ID:	Spray Booth #4 - Medium Assembly
Superseded Permit Number:	03-17092
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K009**
Company Equipment ID:	Spray Booth #3 - Light Assembly
Superseded Permit Number:	03-17092
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K010**
Company Equipment ID:	Spray Booth #7
Superseded Permit Number:	03-17092
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K011**
Company Equipment ID:	East Spray Booth w/filters
Superseded Permit Number:	P0028601
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**K012**
Company Equipment ID:	ES Spray Booth #2
Superseded Permit Number:	03-17092
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**P801**

Company Equipment ID:	P801
Superseded Permit Number:	
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**R003**
Company Equipment ID:	# 0248 styrene resin hand lay-up booth
Superseded Permit Number:	P0108748
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**R006**
Company Equipment ID:	Fiberglass Lay-Up Booth w/filters
Superseded Permit Number:	P0087516
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	**R009**
Company Equipment ID:	# 0246 Gel Coat Booth
Superseded Permit Number:	03-17092
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 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 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) 2., 3.a), 4., 5.

2. **Facility Emission Limitations:**

   a) Pursuant to OAC rule 3745-31-05(D), the total facility-wide allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, including, but not limited to, emissions units K001, K003-K012, R003, R006, R009, and P801, any de minimis air contaminant sources, as defined in OAC rule 3745-15-05, and any permanent exemption air contaminant sources, shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for the total combined HAPs. Compliance with the above limitations shall be based on rolling, 12-month summations.

      The permittee shall comply with the rolling, 12-month limitations based on past records of monthly HAP emissions.

3. **Facility Monitoring and/or Record Keeping Requirements:**

   a) The permittee shall collect and record the following information each month for all materials containing any hazardous air pollutant (HAP)[1] that are applied in the emissions units:

      (1) the name and identification number/code of each coating, thinner, additive, cleanup material, and any other material containing any HAP;

      (2) the name/identification of each individual HAP contained in each material applied (and identified in "(1)" above) and the pound(s) of each HAP per gallon of each HAP-containing material applied;

      (3) the number of gallons of each coating, thinner, additive, cleanup material, and other material applied during the month;

      (4) for each individual HAP, the total emissions from all the materials employed, in ton(s), i.e., for each individual HAP, the summation of the products of "(2)" times "(3)" for all the materials applied during the month, divided by 2,000 pounds;

      (5) the total combined HAPs emissions from all the materials employed during the month, in ton(s), i.e., the summation of all the individual HAPs emissions from "(4)" above;

(6) for each individual HAP, the total emissions during the rolling, 12-month period, i.e., the summation of the individual HAP emissions, as recorded in "(4)" above, for the present month plus the previous 11 months of operation, in ton(s); and

(7) the total combined HAP emissions during the rolling 12-month period, i.e., the summation of all HAP emissions, as recorded in "(5)" above, for the present month plus the previous 11 months of operation, in ton(s).

[1]A listing of the HAPs can be found in Section 112(b) of the Clean Air Act, or can be obtained by contacting your Ohio EPA District Office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings and cleanup materials.

b) The permittee shall maintain an up-to-date record of the potential to emit for VOC from all reinforced plastic composites production operations (including, but not limited to emissions units R003, R006 and R009) and shall employ emission factors or emission estimates in the calculation of the potential to emit that meet the requirements of paragraph (E) of OAC rule 3745-21-25.

4. **Facility Reporting Requirements:**

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

(1) 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:

a. all exceedances of the rolling, 12-month individual HAP emission limitation for each HAP for all the coatings, thinners, additives, and cleanup materials employed; and

b. all exceedances of the rolling, 12-month total combined HAPs emission limitation for all the coatings, thinners, additives, and cleanup materials employed.

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

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

(4) 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 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).

b) All applications, notifications or reports required by terms and conditions in this permit to be submitted or "reported in writing" are to be submitted to Ohio EPA through the Ohio EPA's eBusiness Center: Air Services web service ("Air Services"). Ohio EPA will accept hard copy submittals on an as-needed basis if the permittee cannot submit the required documents through the Ohio EPA eBusiness Center. In the event of an alternative hard copy submission in lieu of the eBusiness Center, the post-marked date or the date the document is delivered in person will be recognized as the date submitted. Electronic submission of applications, notifications, or reports required to be submitted to Ohio EPA fulfills the requirement to submit the required information to the Director, the District Office or Local Air Agency, and/or any other individual or organization specifically identified as an additional recipient identified in this permit unless otherwise specified. Consistent with OAC rule 3745-15-03, the required application, notification or report is considered to be "submitted" on the date the submission is successful using a valid electronic signature. Signature by the signatory authority may be represented as provided through procedures established in Air Services.

c) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

5. **Facility Testing Requirements.**

a) Emissions Limitations:

9.9 TPY for any single HAP and 24.9 TPY for the total combined HAPs. Compliance with the above limitations shall be based on rolling, 12-month summations.

Applicable Compliance Method:

Compliance with the rolling, 12-month emission limitations above shall be demonstrated based upon the record keeping requirements specified in B.3.a).

6. The Ohio EPA has determined that this facility maybe subject to the requirements of 40 CFR Part 63 Subpart HHHHHH, National Emission Standards for Hazardous Air Pollutants (NESHAP) for Paint Stripping and Miscellaneous Surface Coating Operations at Area Sources and/or Subpart XXXXXX, National Emission Standards for Hazardous Air Pollutants Area Source Standards for Nine Metal Fabrication and Finishing Source Categories. Although Ohio EPA has determined that this Generally Available Control Technology (GACT) NESHAP may apply, at this time Ohio EPA does not have the authority to enforce this standard. Instead, U.S. EPA has the authority to enforce this standard. Please be advised, that all requirements associated with this rule are in effect and shall be enforced by U.S. EPA. For more information on the area source rules, please refer to the following U.S. EPA website: http://www.epa.gov/ttn/atw/area/arearules.html.

C. Emissions Unit Terms and Conditions

1. K001, West Paint Booth w/Filters

Operations, Property and/or Equipment Description

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 29.6 lbs per day and 5.40 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(2)(e)(iii)	The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(2)(e)(iii).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

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 employed;

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

c. The number of gallons of each coating employed;

d. The total number of gallons of all the coatings employed; and

e. The total VOC emissions from all the coatings employed, in pounds [i.e., the sum of d)(1)b. times d)(1)c. for each coating employed].

(2) The permittee shall collect and record each year the total annual VOC emissions from all the coatings materials employed in this emissions unit [i.e. the sum of the daily VOC emission rates from the coating materials for the calendar year in d)(1)e].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

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:

VOC emissions from the coatings employed in this emissions unit shall not exceed 29.6 lbs/day and 5.40 tpy.

Applicable Compliance Method:

Compliance with the annual and daily VOC emission limitations above shall be based upon the record keeping specified in d)(1) above. Also, as long as compliance with the daily VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Usage Restriction:

The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1)d. above.

g) Miscellaneous Requirements

(1) None.

2. K003, Spray Booth #2

Operations, Property and/or Equipment Description:

Miscellaneous metal parts spray booth with dry filtration

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)(8).

(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)e.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 3.0 pounds per hour (lbs/hr) and 13.14 tons per year (tpy). See b)(2)(a). and b)(2)b.
b.	OAC rule 3745-21-09(U)(1)(i)	VOC emissions shall not exceed 3.0 pounds per gallon of coating, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-114-01 ORC 3704.03(F)(4)	See d)(8).
e.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(1)(i).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily, volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.0 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(2) In addition to d)(3), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(2)a. times d)(2)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(2)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) 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.

(5) 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.

(6) 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.

(7) 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.

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.

(8) 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 permittees to apply for and obtain a new or modified permit to install and operate (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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (appropriate District Office or local air agency) in writing of each daily record showing a daily volume-weighted average greater than 3.0 pounds VOC per gallon, as applied, excluding water and exempt solvents. The notification shall include a copy of such record and shall be sent to the Director (appropriate District Office or local air agency) within 30 days after the exceedance occurs.

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. <u>Emission Limitations:</u>

VOC emissions from coatings employed in this emissions unit shall not exceed 3.0 lbs/hr and 13.14 tpy.

<u>Applicable Compliance Method</u>:

The hourly emission limitation represents the potential to emit* for this emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.0 gallon per hour and a maximum VOC content of 3.0 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(2) above. Also, as long as compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

3.0 pounds VOC per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above .

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

3. K004, Booth #1 1

Operations, Property and/or Equipment Description:

Miscellaneous metal parts spray booth with dry filtration

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)(1) through d)(4), and e)(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)e.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05 (A)(3)(a)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 46.73 pounds per day (lbs/day) and 8.53 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09 (U)(2)(e)(iii)	The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.
c.	OAC rule 3745-17-11 (C)	See c)(1) and c)(2)
d.	ORC 3704.03(F)(4)(b) OAC rule 3745-114-01	See d)(1) through d)(4)
e.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09 (U)(2)(e)(iii).

c) Operational Restrictions

(1) 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.

(2) 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

d) Monitoring and/or Recordkeeping Requirements

(1) The permit-to-install and operate (PTIO) application for this/these emissions unit(s), K004, was evaluated based on the actual materials and the design parameters of the emissions unit's(s') exhaust system, as specified by the permittee. The Toxic Air Contaminant Statute, ORC 3704.03(F), was applied to this/these emissions unit(s) for each toxic air contaminant listed in OAC rule 3745-114-01, using data from the permit application; and modeling was performed for each toxic air contaminant(s) emitted at over one ton per year using an air dispersion model such as SCREEN3, AERMOD, or ISCST3, or other Ohio EPA approved model. The predicted 1-hour maximum ground-level concentration result(s) from the approved air dispersion model, was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC), calculated as described in the Ohio EPA guidance document entitled Review of New Sources of Air Toxic Emissions, Option A, as follows:

a. the exposure limit, expressed as a time-weighted average concentration for a conventional 8-hour workday and a 40-hour workweek, for each toxic compound(s) emitted from the emissions unit(s), (as determined from the raw materials processed and/or coatings or other materials applied) has been documented from one of the following sources and in the following order of preference (TLV was and shall be used, if the chemical is listed):

i. threshold limit value (TLV) from the American Conference of Governmental Industrial Hygienists= (ACGIH) AThreshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices@; or

ii. STEL (short term exposure limit) or the ceiling value from the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Values for Chemical Substances and Physical Agents Biological Exposure Indices; the STEL or ceiling value is multiplied by 0.737 to convert the 15-minute exposure limit to an equivalent 8-hour TLV.

b. The TLV is divided by ten to adjust the standard from the working population to the general public (TLV/10).

c. This standard is/was then adjusted to account for the duration of the exposure or the operating hours of the emissions unit(s), i.e., **X** hours per day and **Y** days per week, from that of 8 hours per day and 5 days per week. The resulting calculation was (and shall be) used to determine the Maximum Acceptable Ground-Level Concentration (MAGLC):

$$TLV/10 \times 8/X \times 5/Y = 4\ TLV/XY = MAGLC$$

d. The following summarizes the results of dispersion modeling for the significant toxic contaminants (emitted at 1 or more tons/year) or worst case toxic contaminant(s):

Toxic Contaminant: Xylene
TLV (mg/m3): 434
Maximum Hourly Emission Rate (lbs/hr): 3.20
Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 109.8
MAGLC (ug/m3): 10,333

The permittee, has demonstrated that emissions of xylene, from emissions unit(s) K004, is calculated to be less than eighty per cent of the maximum acceptable ground level concentration (MAGLC); any new raw material or processing agent shall not be applied without evaluating each component toxic air contaminant in accordance with the Toxic Air Contaminant Statute, ORC 3704.03(F).

(2) Prior to making any physical changes to or changes in the method of operation of the emissions unit(s), that could impact the parameters or values that were used in the predicted 1-hour maximum ground-level concentration, the permittee shall re-model the change(s) to demonstrate that the MAGLC has not been exceeded. Changes that can affect the parameters/values used in determining the 1-hour maximum ground-level concentration include, but are not limited to, the following:

a. changes in the composition of the materials used or the use of new materials, that would result in the emission of a new toxic air contaminant with a lower Threshold Limit Value (TLV) than the lowest TLV previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any toxic air contaminant listed in OAC rule 3745-114-01, that was modeled from the initial (or last) application; and

c. physical changes to the emissions unit(s) or its/their exhaust parameters (e.g., increased/ decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

If the permittee determines that the Toxic Air Contaminant Statute will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01 solely due to a non-restrictive change to a parameter or process operation, where compliance with the Toxic Air Contaminant Statute, ORC

3704.03(F), has been documented. If the change(s) meet(s) the definition of a "modification", the permittee shall apply for and obtain a final PTIO prior to the change. The Director may consider any significant departure from the operations of the emissions unit, described in the permit application, as a modification that results in greater emissions than the emissions rate modeled to determine the ground level concentration; and he/she may require the permittee to submit a permit application for the increased emissions.

(3) The permittee shall collect, record, and retain the following information for each toxic evaluation conducted to determine compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F):

a. a description of the parameters/values used in each compliance demonstration and the parameters or values changed for any re-evaluation of the toxic(s) modeled (the composition of materials, new toxic contaminants emitted, change in stack/exhaust parameters, etc.);

b. the Maximum Acceptable Ground-Level Concentration (MAGLC) for each significant toxic contaminant or worst-case contaminant, calculated in accordance with the Toxic Air Contaminant Statute, ORC 3704.03(F);

c. a copy of the computer model run(s), that established the predicted 1-hour maximum ground-level concentration that demonstrated the emissions unit(s) to be in compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), initially and for each change that requires re-evaluation of the toxic air contaminant emissions; and

d. the documentation of the initial evaluation of compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), and documentation of any determination that was conducted to re-evaluate compliance due to a change made to the emissions unit(s) or the materials applied.

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

(5) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(6) 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.

(7) 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.

(8) 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.

(9) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were 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.

(10) The permittee shall collect and record the following information each day for coating materials employed in this emissions unit:

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

b. The VOC content of each coating employed, in pounds per gallon, as applied.

c. The number of gallons of each coating employed.

d. The total number of gallons of all the coatings employed and

e. The total VOC emissions from all the coatings employed, in pounds [i.e., the sum of d)(10)b. times d)(10)c. for each coating employed].

(11) The permittee shall collect and record each year the total annual VOC emissions from all the coatings materials employed in this emissions unit [i.e., the sum of the daily VOC emission rates from the coating materials for the calendar year in d)(10)e]..

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

(4) The permittee shall include any changes made to a parameter or value used in the dispersion model, that was used to demonstrate compliance with the Toxic Air Contaminant Statute, ORC 3704.03(F), through the predicted 1-hour maximum ground-level concentration, in the annual Permit Evaluation Report (PER). If no changes to the emissions, emissions unit(s), or the exhaust stack have been made, then the report shall include a statement to this effect.

f) Testing Requirements

(1) Compliance with the emission limitations in section b)(1) of this permit shall be determined in accordance with the following methods:

a. <u>Usage Restriction:</u>

The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

<u>Applicable Compliance Method:</u>

Compliance shall be based upon the record keeping specified in d)(10)d. of this permit.

b. <u>Emission Limitations:</u>

VOC emissions from the coatings employed in this emissions unit shall not exceed 46.73 lbs/day and 8.53 tpy.

<u>Applicable Compliance Method:</u>

Compliance with the daily and annual VOC emission limitations above shall be based upon the record keeping specified in d)(10) of this permit. Also, as long as compliance with the daily VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

(1) None.

4. K005, K005

Operations, Property and/or Equipment Description:

Miscellaneous metal parts spray booth with dry filtration.

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)(8).

(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)e.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05 (A)(3)(a)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 2.09 pounds per hour (lbs/hr) and 9.15 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09 (U)(1)(d)	The VOC content of the coatings employed shall not exceed 3.5 lbs per gallon, as applied, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2)
d.	ORC 3704.03(F)(4)(b) OAC rule 3745-114-01	d)(8)
e.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09 (U)(1)(d).

c) Operational Restrictions

(1) 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.

(2) 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

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(2) 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.

(3) 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.

(4) 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.

(5) The permittee shall maintain records that document any time periods when the dry particulate filter was not in service when the emissions unit(s) was/were 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.

(6) The permittee shall collect and record the following information each day for the coating material usage in this emissions unit:

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(7) In addition to d)(6), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(7)a. times d)(7)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(7)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(8) 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 permittees to apply for and obtain a new or modified permit to install and operate (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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days following the end of the calendar month.

f) Testing Requirements

a. <u>Emission Limitations:</u>

VOC emissions from the coatings employed in this emissions unit shall not exceed 2.09 lbs/hr and 9.15 tpy.

<u>Applicable Compliance Method:</u>

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.5 gallons per hour and a maximum VOC content of 1.39 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(7) of this permit. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. <u>Emission Limitation:</u>

The VOC content of the coatings employed shall not exceed 3.5 lbs per gallon, as applied, excluding water and exempt solvents.

<u>Applicable Compliance Method:</u>

Compliance shall be based upon the record keeping specified in d)(6) of this permit.

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

5. K007, ES Spray Booth # 1 - Touch up

Operations, Property and/or Equipment Description

Miscellaneous metal parts spray booth with dry filtration Spray Booth #1

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 1.92 pounds per hour (lbs/hr) and 8.41 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(1)(c)	VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(1)(c).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(2) In addition to d)(1), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(2)a. times d)(2)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(2)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (appropriate District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification

shall include a copy of such record and shall be sent to the Director (appropriate District Office of local air agency) within 30 days following the end of the calendar month.

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:

VOC emissions from coatings employed in this emission unit shall not exceed 1.92 lbs/hr and 8.41 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.5 gallons per hour and a maximum VOC content of 1.28 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(2) above. Also, as long as compliance with the h VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

6. K008, Spray Booth #4 - Medium Assembly

Operations, Property and/or Equipment Description

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 1.92 lbs per hour and 8.41 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(1)(c)	VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(1)(c).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(2) In addition to d)(1), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(2)a. times d)(2)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(2)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (appropriate District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification

shall include a copy of such record and shall be sent to the Director (appropriate District Office of local air agency) within 30 days following the end of the calendar month.

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:

VOC emissions from coatings employed in this emission unit shall not exceed 1.92 lbs/hr and 8.41 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.5 gallons per hour and a maximum VOC content of 1.28 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(2) above. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

7. K009, Spray Booth #3 - Light Assembly

Operations, Property and/or Equipment Description

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 1.94 lbs per hour and 8.48 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(1)(c)	VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(1)(c).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(2) In addition to d)(1), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(2)a. times d)(2)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(2)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (appropriate District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification

shall include a copy of such record and shall be sent to the Director (appropriate District Office of local air agency) within 30 days following the end of the calendar month.

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:

VOC emissions from coatings employed in these emission units shall not exceed 1.94 lbs/hr and 8.48 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.5 gallons per hour and a VOC emission rate of 1.29 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(2) above. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

8. K010, Spray Booth #7

Operations, Property and/or Equipment Description

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 1.92 pounds per hour (lbs/hr) and 8.41 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(1)(c)	VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(1)(c).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

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

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

b. the VOC content (excluding water and exempt solvents) of each coating, as applied; and

c. the daily volume-weighted average VOC content of all the coatings, as applied, calculated in accordance with the equation specified in paragraph (B)(9) of OAC rule 3745-21-10 for $C_{VOC,2}$.

Note: If the VOC content of each of the coatings employed during a day is less than 3.5 lbs per gallon, as applied, excluding water and exempt solvents, the daily volume-weighted average VOC content record is not required for that day.

(2) In addition to d)(1), the permittee shall collect and record the following information on a monthly basis for the coating materials applied in this emissions unit:

a. the number of gallons of each coating applied during the month;

b. the VOC content of each coating applied, in pounds per gallon;

c. the total VOC emissions from all coatings applied, in pounds [summation of the products of d)(2)a. times d)(2)b. for all the individual coatings applied during the month]; and

d. the total VOC emissions from all coatings employed, in tons, [sum of d)(2)c. for each calendar month to date, January to December, times 1 ton/2000 lbs].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (appropriate District Office or local air agency) in writing of any monthly record showing the use of noncomplying coatings. The notification

shall include a copy of such record and shall be sent to the Director (appropriate District Office of local air agency) within 30 days following the end of the calendar month.

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:

VOC emissions from coatings employed in this emission unit shall not exceed 1.92 lbs/hr and 8.41 tpy for.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.5 gallons per hour and a maximum VOC content of 1.28 pounds per gallon.

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(2) above. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

VOC emissions shall not exceed 3.5 pounds per gallon of coating, excluding water and exempt solvents

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

(2) Formulation data or U.S. EPA Method 24 shall be used to determine the VOC contents of the coatings.

g) Miscellaneous Requirements

(1) None.

9. K011, East Spray Booth w/filters

Operations, Property and/or Equipment Description:

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 26.2 pounds per day (lbs/day) and 4.78 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(2)(e)(iii)	The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(2)(e)(iii).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

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 employed;

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

c. The number of gallons of each coating employed;

d. The total number of gallons of all the coatings employed; and

e. The total VOC emissions from all the coatings employed, in pounds [i.e., the sum of d)(1)b. times d)(1)c. for each coating employed].

(2) The permittee shall collect and record each year the total annual VOC emissions from all the coatings materials employed in this emissions unit [i.e., the sum of the daily VOC emission rates from the coating materials for the calendar year in d)(1)e].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

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:

VOC emissions from coatings employed in this emissions unit shall not exceed 26.2 lbs/day and 4.78 tpy.

Applicable Compliance Method:

Compliance with the daily and annual VOC emission limitations above shall be based upon the record keeping specified in d)(1) above. Also, as long as compliance with the daily VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

g) Miscellaneous Requirements

(1) None.

10. K012, ES Spray Booth #2

Operations, Property and/or Equipment Description:

Miscellaneous metal parts spray booth with dry filtration

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)(1)d.

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)	VOC emissions from coatings employed in this emissions unit shall not exceed 21.6 pounds per day (lbs/day) and 3.94 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-21-09(U)(2)(e)(iii)	The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.
c.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. The requirements of OAC rule 3745-31-05(A)(3) also include compliance with OAC rule 3745-21-09(U)(2)(e)(iii).

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever these emission units are in operation and shall maintain the dry particulate filters in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter systems are not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

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 employed;

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

c. The number of gallons of each coating employed;

d. The total number of gallons of all the coatings employed; and

e. The total VOC emissions from all the coatings employed, in pounds [i.e., the sum of d)(1)b. times d)(1)c. for each coating employed].

(2) The permittee shall collect and record each year the total annual VOC emissions from all the coatings materials employed in this emissions unit [i.e., the sum of the daily VOC emission rates from the coating materials for the calendar year in d)(1)e].

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filters, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) The permittee shall conduct periodic inspections of the dry particulate filters to determine whether their 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.

(5) 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 filters while the emission units are shut down and perform any needed maintenance and repair to ensure that it is operated in accordance with the manufacturer's recommendations.

(6) The permittee shall document each inspection (periodic and annual) of the dry particulate filter systems 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.

(7) The permittee shall maintain records that document any time periods when the dry particulate filters were not in service when the emission units were in operation, as well as, a record of all operations during which the dry particulate filters were 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

(3) The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) in writing of any daily record showing that the coating line employs more than the applicable maximum daily coating usage limit. The notification shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 45 days after the exceedance occurs.

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:

VOC emissions from the coatings employed in this emissions unit shall not exceed 21.6 lbs/day and 3.94 tpy.

Applicable Compliance Method:

Compliance with the daily and annual VOC emission limitations shall be based upon the record keeping specified in d)(1) above. Also, s long s compliance with the daily VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

b. Emission Limitation:

The permittee shall not use more than 10 gallons of coating material per day for the coating of miscellaneous metal parts.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in d)(1) above.

g) Miscellaneous Requirements

(1) None.

11. P801, P801

Operations, Property and/or Equipment Description:

Facility-wide clean-up operations.

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)(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(A)(3)	Organic compound (OC) emissions from cleanup operations for all emissions units at this facility, combined, shall not exceed 665.5 lbs/month and 4.0 tons/yr. See b)(2)a.
b.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. All OC emissions are not volatile organic compound (VOC) emissions. The potential to emit (PTE) for VOC emissions is 0.92 tpy.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for cleanup materials employed in all emission units at the facility, combined:

a. the company name and identification for each cleanup material employed;

b. the OC content of each cleanup material employed, in lbs/gallon;

c. the volatile organic compound (VOC) content of each cleanup material employed, in lbs/gallon

d. the number of gallons of each cleanup material employed;

e. the OC emission rate for each cleanup material employed, [d)(1)b. times d)(1)d.], in pounds per month;

f. the VOC emission rate for each cleanup material employed, [d)(1)d. times d)(1)d.], in pounds per month;

g. the total OC emission rate for all cleanup materials employed, [sum of d)(10)e.], in pounds per month; and

h. the total VOC emission rate for all cleanup materials employed, [sum of d)(10)f.], in pounds per month.

(2) The permittee shall collect and record each year the total annual VOC emissions from all the coatings materials employed in this emissions unit [i.e., the sum of the monthly VOC emission rates from the cleanup materials for the calendar year in d)(1)h]; and

(3) The permittee shall collect and record each year the total annual OC emissions from all the coatings materials employed in this emissions unit [i.e., the sum of the monthly OC emission rates from the cleanup materials for the calendar year in d)(1)g].

The company may calculate OC/VOC emissions from cleanup operations in accordance with the following formula if waste cleanup materials are sent off-site for reclamation/disposal:

OC/VOC emissions from cleanup operations = (total gallons of cleanup material used multiplied by the solvent density of cleanup material) – (total gallons of cleanup material sent off-site for disposal or reclamation [minus solids content of said material] times solvent density.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total OC and VOC emissions from the emissions unit for the previous calendar year.

f) Testing Requirements

(1) Compliance with the emission limitations in section b)(1) of this permit shall be determined in accordance with the following methods:

a. <u>Emission Limitations:</u>

OC emissions from cleanup operations for all emissions units at this facility, combined, shall not exceed 665.5 lbs/month and 4.0 tons/yr

<u>Applicable Compliance Method:</u>

Compliance with the monthly and annual OC emission limitations above shall be based upon the record keeping specified in d)(1). of this permit. Also, as long as compliance with the monthly OC emission limitation is maintained, compliance with the annual OC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

(1) None.

12. R003, # 0248 styrene resin hand lay-up booth

Operations, Property and/or Equipment Description:

fiberglass fabrication using an open mold system (styrene resin hand lay-up process)

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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 0.45 pound per hour and 1.97 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-17-11(C)	Exempt pursuant to paragraph (A)(1)(h) of OAC rule 3745-17-11.
c.	OAC rule 3745-21-25	Exempt pursuant to paragraph (A)(2)(e), see b)(2)b.
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) must be employed. For this emissions unit BAT has been determined to be use of a fiberglass filter and compliance with the terms and conditions of this permit.

b. Pursuant to OAC rule 3745-21-25(A)(2)(e), any facility that has a potential to emit for VOC emissions of less than 10.0 tons per year for all reinforced plastic composites production operations combined, is exempt from the requirements of OAC rule 3745-21-25. The permittee of such a facility shall maintain an up-to-date record of the potential to emit for VOC from all reinforced plastic composites production operations. See Section B. Facility-wide Terms and Condition 3).b.

c) Operational Restrictions

(1) None.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the coating material usage in this emissions unit:

a. the company name and identification for each coating material employed;

b. the VOC content of each coating, as applied, in pounds per gallon;

c. the number of gallons of each coating employed;

d. the VOC emission rate for each coating [d)(1)b. x d)(1)c.], in pounds;

e. the total VOC emission rate for all coatings [summation of d)(1)d.], in tons; and

f. the annual, year-to-date VOC emissions, in tons, from all coating materials employed [summation of d)(1)e. for each month to date from January to December].

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

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:

VOC emissions from coatings employed in this emissions unit shall not exceed 0.45 lb/hr and 1.97 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

If required, the permittee shall demonstrate compliance with the hourly limitation by testing in accordance with Methods 1 through 4 and 18, 25 or 25A, as applicable, of 40 CFR Part 60, Appendix A.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 1.50 gallons per hour and an emission rate of 0.30 lbs VOC/gal (based upon a maximum VOC content of 3.78 pounds per gallon and an emission rate of 8% for styrene due to polymerization).

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(1) above. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

(1) None.

13. R006, Fiberglass Lay-Up Booth w/filters

Operations, Property and/or Equipment Description:

fiberglass fabrication using an open mold system (styrene resin spray lay-up process)

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)(1)d.

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)	Volatile organic compounds (VOC) emissions from coatings employed in this emissions unit shall not exceed 0.83 pound per hour and 3.64 tons per year (tpy). See b)(2)a.
b.	OAC rule 3745-17-11(C)	See c)(1) and c)(2).
c.	OAC rule 3745-21-25	Exempt pursuant to paragraph (A)(2)(e), see b)(2)b.
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. Best Available Technology (BAT) must be employed. For this emissions unit BAT has been determined to be use of a fiberglass filter and compliance with the terms and conditions of this permit.

b. Pursuant to OAC rule 3745-21-25(A)(2)(e), any facility that has a potential to emit for VOC emissions of less than 10.0 tons per year for all reinforced plastic composites production operations combined, is exempt from the requirements of OAC rule 3745-21-25. The permittee of such a facility shall maintain an up-to-date record of the potential to emit for VOC from all reinforced plastic composites production operations. See Section B. Facility-wide Terms and Condition 3).b.

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

d) Monitoring and/or Recordkeeping Requirements

(1) The permittee shall collect and record the following information each month for the coating material usage in this emissions unit:

a. the company name and identification for each coating material employed;

b. the VOC content of each coating, as applied, in pounds per gallon;

c. the number of gallons of each coating employed;

d. the VOC emissions from each coating, [d)(1)b. x d)(1)c.], in pounds;

e. the total VOC emissions from all coatings, [summation of d)(1)d.] in tons; and

f. the annual, year-to-date VOC emissions, in tons, from all coating materials employed [summation of d)(1)e. for each month to date from January to December].

(2) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(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.

(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.

(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.

(6) 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.

(7) 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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year.

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:

VOC emissions from coatings employed in this emissions unit shall not exceed 0.83 lb/hr and 3.64 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

If required, the permittee shall demonstrate compliance with the hourly limitation by testing in accordance with Methods 1 through 4 and 18, 25 or 25A, as applicable, of 40 CFR Part 60, Appendix A.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 2.0 gallons per hour and an emission rate of 0.416 lbs VOC/gallon (based upon a maximum VOC content of 3.78 pounds per gallon and an emission rate of 11% for styrene due to polymerization).

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(1) above. Also, s long s compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

(1) None.

14. R009, # 0246 Gel Coat Booth

Operations, Property and/or Equipment Description:

fiberglass fabrication using an open mold system (styrene gelcoat spraying operation)

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

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

a. 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)(1)d.

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)	Volatile organic compound (VOC) emissions from coatings employed in this emissions unit shall not exceed 1.30 pounds per hour (lbs/hr) and 0.99 ton per year (tpy).
b.	OAC rule 3745-17-11(C)	See c)(2) and c)(3).
c.	OAC rule 3745-21-25	Exempt pursuant to paragraph (A)(2)(e), see b)(2)a.
d.	OAC rule 3745-31-05(D)	Federally-enforceable emission limitation on HAP emissions. See Section B. Facility-wide Terms and Conditions.

(2) Additional Terms and Conditions

a. Pursuant to OAC rule 3745-21-25(A)(2)(e), any facility that has a potential to emit for VOC emissions of less than 10.0 tons per year for all reinforced plastic composites production operations combined, is exempt from the requirements of OAC rule 3745-21-25. The permittee of such a facility shall maintain an up-to-

date record of the potential to emit for VOC from all reinforced plastic composites production operations. See Section B. Facility-wide Terms and Condition 3).b.

c) Operational Restrictions

(1) The permittee shall operate the dry filtration system for the control of particulate emissions whenever this emissions unit is in operation and shall maintain the dry particulate filter in accordance with the manufacturer's recommendations, instructions, and/or operating manual(s), with any modifications deemed necessary by the permittee.

(2) In the event the particulate filter system is not operating in accordance with the manufacturer's recommendations, instructions, or operating manual, with any modifications deemed necessary by the permittee, the control device shall be expeditiously repaired or otherwise returned to these documented operating conditions.

(3) The maximum annual operating hours for this emissions unit shall not exceed 1520 hours per year.

d) Monitoring and/or Recordkeeping Requirements

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

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

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

c. The number of gallons of each coating employed;

d. The VOC emission rate of each coating [d)(1)b. x d)(1)c.], in pounds;

e. The total VOC emission rate for all the coatings employed [summation of d)(1)d.], in tons; and

f. The annual, year-to-date VOC emissions, in tons, from all coatings materials employed [summation of d)(1)e. for each month to date from January to December].

(2) The permittee shall maintain monthly records of the operating hours for this emissions unit.

(3) The permittee shall maintain documentation of the manufacturer's recommendations, instructions, or operating manuals for the dry particulate filter, along with documentation of any modifications deemed necessary by the permittee. These documents shall be maintained at the facility and shall be made available to the appropriate Ohio EPA District Office or local air agency upon request.

(4) 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.

(5) 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.

(6) 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.

(7) 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.

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.

e) Reporting Requirements

(1) The permittee shall submit an annual Permit Evaluation Report (PER) to the Ohio EPA. The PER must be submitted 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.

(2) The permittee shall identify the following information in the annual permit evaluation report in accordance with the monitoring requirements:

a. the total volatile organic compound emissions from the emissions unit for the previous calendar year; and

b. any exceedance of the hours of operation limitation. If no limitation occurred a statement to that fact must be included.

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:

VOC emissions from the coatings employed in this emissions unit shall not exceed 1.30 lbs/hr and 0.99 tpy.

Applicable Compliance Method:

The hourly emission limitation represents the potential to emit* of the emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with this limitation.

*The potential to emit is based on a worst-case coating operation involving a maximum coating usage rate of 0.75 gallons per hour and a VOC emission factor of 1.73 pounds per gallon (based upon the multiple components of the gelcoat mix and the percentage of styrene).

Compliance with the annual emission limitation shall be based upon the record keeping specified in d)(1) above.

g) Miscellaneous Requirements

(1) None.