



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

Certified Mail

4/18/2016

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

Allen Wheeler
Gorman Rupp Company
600 South Airport Rd.
MANSFIELD, OH 44903

RE: FINALAIR POLLUTION PERMIT-TO-INSTALL AND OPERATE

Facility ID: 0370012036
Permit Number: P0120605
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**
- **What should you do if you notice a spill or environmental emergency?**

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.

What should you do if you notice a spill or environmental emergency?

Any spill or environmental emergency which may endanger human health or the environment should be reported to the Emergency Response 24-HOUR EMERGENCY SPILL HOTLINE toll-free at (800) 282-9378. Report non-emergency complaints to the appropriate district office or local air agency.

If you have any questions regarding your permit, 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



FINAL

**Division of Air Pollution Control
Permit-to-Install and Operate
for
Gorman Rupp Company**

Facility ID:	0370012036
Permit Number:	P0120605
Permit Type:	Renewal
Issued:	4/18/2016
Effective:	4/18/2016
Expiration:	8/18/2019



Division of Air Pollution Control
Permit-to-Install and Operate
for
Gorman Rupp Company

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Final Permit-to-Install and Operate
Gorman Rupp Company
Permit Number: P0120605
Facility ID: 0370012036
Effective Date: 4/18/2016

Authorization

Facility ID: 0370012036
Application Number(s): A0055771
Permit Number: P0120605
Permit Description: PTIO renewal permit for fiberglass manufacturing and painting operations based on re-permitting as a separate facility.
Permit Type: Renewal
Permit Fee: \$0.00
Issue Date: 4/18/2016
Effective Date: 4/18/2016
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
302 W 6th St
Mansfield, OH 44903

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

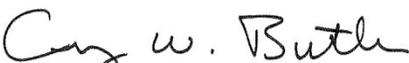
Ohio Environmental Protection Agency (EPA) District Office or local air agency responsible for processing and administering your permit:

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: P0120605

Permit Description: PTIO renewal permit for fiberglass manufacturing and painting operations based on re-permitting as a separate 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-West 6th Street
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	K007
Company Equipment ID:	West 6th Street- ES Spray Booth # 1 - Touch up
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	K011
Company Equipment ID:	East Spray Booth-West 6th Street
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	K012
Company Equipment ID:	ES Spray Booth #2-Airport Road
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	P801
Company Equipment ID:	P801
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	R003
Company Equipment ID:	West 6th Street-# 0248 styrene resin hand lay-up booth
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	R006
Company Equipment ID:	West 6th Street-# 0245 Fiberglass Lay-Up Booth
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable
Emissions Unit ID:	R009
Company Equipment ID:	West 6th Street-# 0246 Gel Coat Booth
Superseded Permit Number:	P0118512
General Permit Category and Type:	Not Applicable



Final Permit-to-Install and Operate
Gorman Rupp Company
Permit Number: P0120605
Facility ID: 0370012036
Effective Date: 4/18/2016

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.



Final Permit-to-Install and Operate
Gorman Rupp Company
Permit Number: P0120605
Facility ID: 0370012036
Effective Date: 4/18/2016

B. Facility-Wide Terms and Conditions

1. This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).
 - a) For the purpose of a permit-to-install document, the facility-wide terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (1) None.
 - b) For the purpose of a permit-to-operate document, the facility-wide terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (1) None.
2. The 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>.



Final Permit-to-Install and Operate
Gorman Rupp Company
Permit Number: P0120605
Facility ID: 0370012036
Effective Date: 4/18/2016

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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>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).</p> <p>See b)(2)a.</p>
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).

(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 emissions 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 emissions unit 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 emissions 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 District Office of Local Air Agency 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 OC 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 employed 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 reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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. K007, ES Spray Booth # 1 - Touch up

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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>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).</p> <p>See b)(2)a.</p>
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).

(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 emissions unit 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 emissions unit 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 emissions unit 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 District Office of Local Air Agency 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.

- (4) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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

3. 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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>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).</p> <p>See b)(2)a.</p>
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).

(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 emissions unit 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 emissions unit 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 emissions unit 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 District Office of Local Air Agency 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 reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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.

4. 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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	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).

(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 emissions unit 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 emissions unit 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 emissions unit 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 District Office of Local Air Agency 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 reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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.



Final Permit-to-Install and Operate

Gorman Rupp Company

Permit Number: P0120605

Facility ID: 0370012036

Effective Date: 4/18/2016

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, 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.

5. P801, Facility-Wide Cleanup Operations

Operations, Property and/or Equipment Description:

Facility-wide cleanup 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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	Organic compound (OC) emissions from cleanup operations for all the emissions units at this facility, combined, shall not exceed 665.5 lbs/month and 4.0 tons/yr. See b)(2)a.

(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 emissions unit 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 District Office of Local Air Agency 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.

- (3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

- 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. Emission Limitations:

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

Applicable Compliance Method:

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.

6. 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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>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).</p> <p>See b)(2)a.</p>
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.

(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 District Office of Local Air Agency 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 reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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

If required, the permittee shall demonstrate compliance with the hourly emission 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, as long as compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

- (1) None.

7. R006, #0245 Fiberglass Lay-Up Booth

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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	<p>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).</p> <p>See b)(2)a.</p>
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.

(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 District Office of Local Air Agency 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 reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.
- 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* for this emissions unit. Therefore, no record keeping, deviation reporting, or compliance method calculations are required to demonstrate compliance with the hourly emission 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, as long as compliance with the hourly VOC emission limitation is maintained, compliance with the annual VOC emission limitation shall be demonstrated.

g) Miscellaneous Requirements

(1) None.

8. 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. None.

b) Applicable Emissions Limitations and/or Control Requirements

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

	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
a.	OAC rule 3745-31-05(A)(3)	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.

(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 $[d)(1)b. \times d)(1)c.]$, 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 District Office of Local Air Agency 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.
- (3) The reports required by this permit may be submitted through the Ohio EPA's eBusiness Center: Air Services online web portal; or they may be mailed as a hard copy to the appropriate district office or local air agency.

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.