State of Ohio Environmental Protection Agency

Street Address:
Lazarus Gov. Center
122 S. Front Street
Columbus, OH 43215

TELE: (614) 644-3020 **FAX:** (614) 644-2329

Mailing Address:
Lazarus Gov. Center
P.O. Box 1049
Columbus, OH 43216-1049

10/02/02

RE: Proposed Title V Chapter 3745-77 Permit
03-88-01-0116
Blackhawk Automotive Plastics, Inc.

Attn: Genevieve Damico AR-18J
United States Environmental Protection Agency
Region V
77 West Jackson Blvd.
Chicago, IL 60604-3590

Dear Ms. Damico:

The proposed issuance of the Title V permit for Blackhawk Automotive Plastics, Inc., has been created in Ohio EPA's State Air Resources System (STARS) on 10/02/02, for review by USEPA. This proposed action is identified in STARS as 3-Title V Proposed Permit T+C covering the facility specific terms and conditions, and Title V Proposed Permit covering the general terms and conditions. This proposed permit will be processed for issuance as a final action after forty-five (45) days from USEPA's receipt of this certified letter if USEPA does not object to the proposed permit. Please contact me at (614) 644-3631 by the end of the forty-five (45) day review period if you wish to object to the proposed permit.

Very truly yours,

Michael W. Ahern

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

cc: Northwest District Office
File, DAPC PMU

State of Ohio Environmental Protection Agency

PROPOSED TITLE V PERMIT

Issue Date: 10/02/02	Effective Date: To be entered upon final issuance	Expiration Date: To be entered upon final issuance

This document constitutes issuance of a Title V permit for Facility ID: 03-88-01-0116 to:
Blackhawk Automotive Plastics, Inc.
500 North Warpole Street
Upper Sandusky, OH 43351-0030

Emissions Unit ID (Company ID)/Emissions Unit Activity Description

R009 (Paint Spray Booth #13)
Paint Spray Booth #13

R011 (Paint Spray Booth #5)
Paint Spray Booth #5

R020 (Paint Spray Booth #2)
Paint Spray Booth #2

R030 (Paint Spray Booth #8)
Paint Spray Booth #8

R031 (Paint Spray Booth #9)
Paint Spray Booth #9

R041 (Paint Line #2, Booth V1)
Paint Line #2, Booth V1

R042 (Paint Line #2, Booth V2)
Paint Line #2, Booth V2

R043 (Paint Line #2, Booth V3)
Paint Line #2, Booth V3

R044 (Paint Line #2, Booth V4)
Paint Line #2, Booth V4

R045 (Paint Line #2, Booth V5)
Paint Line #2, Booth V5

R046 (Adhesive Spray Booth A1)
Adhesive Spray Booth A1

R047 (Paint Spray Booth #14)
Paint Spray Booth #14

R048 (Paint Spray Booth #3)
Paint Spray Booth #3

R049 (Paint Spray Booth #1)
Paint Spray Booth #1

R050 (Paint Spray Booth #6)
Paint Spray Booth #6

R051 (Paint Spray Booth #7)
Paint Spray Booth #7

R052 (Paint Spray Booth #12)
Paint Spray Booth #12

R053 (Paint Line #1, Booth #1)
Paint Line #1, Booth #1

R054 (Paint Line #1, Booth #2)
Paint Line #1, Booth #2

R055 (Paint Spray Booth #10)
Paint Spray Booth #10

R056 (Paint Spray Booth #4)
Paint Spray Booth #4

You will be contacted approximately eighteen (18) months prior to the expiration date regarding the renewal of this permit. If you are not contacted, please contact the appropriate Ohio EPA District Office or local air agency listed below. This permit and the authorization to operate the air contaminant sources (emissions units) at this facility shall expire at midnight on the expiration date shown above. If a renewal permit is not issued prior to the expiration date, the permittee may continue to operate pursuant to OAC rule 3745-77-08(E) and in accordance with the terms of this permit beyond the expiration date, provided that a complete renewal application is submitted no earlier than eighteen (18) months and no later than one-hundred eighty (180) days prior to the expiration date.

Described below is the current Ohio EPA District Office or local air agency that is responsible for processing and administering your Title V permit:

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

OHIO ENVIRONMENTAL PROTECTION AGENCY

Christopher Jones
Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.
ii. The date(s) analyses were performed.
iii. The company or entity that performed the analyses.
iv. The analytical techniques or methods used.
v. The results of such analyses.
vi. The operating conditions existing at the time of sampling or measurement.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(i))

b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.
(Authority for term: OAC rule 3745-77-07(A)(3)(b)(ii))

c. The permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
(Authority for term: OAC rule 3745-77-07(A)(3)(c))
ii. **For emission limitations, operational restrictions, and control device operating parameter limitations:**

(a) Written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring and record keeping requirements specified in this permit; (ii) the probable cause of such deviations; and (iii) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Part III of this Title V permit, the written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of

each deviation. These written reports shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations. See B.6 below if no deviations occurred during the quarter.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) ,(ii) and (iii))

(b) Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the deviation reporting requirements for this Title V permit, written reports that identify each malfunction that occurred during each calendar quarter shall be submitted, at a minimum, quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year, and shall cover the previous calendar quarters.

In identifying each deviation caused by a malfunction, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Also, if a deviation caused by a malfunction is identified in a written report submitted pursuant to paragraph (a) above, a separate report is not required for that malfunction pursuant to this paragraph. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing, at a minimum, on a quarterly basis.

Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation, operational restriction, and control device operating parameter limitation shall be reported in the same manner as described above for malfunctions. These written reports for malfunctions (and scheduled maintenance projects, if appropriate) shall satisfy the requirements (in part) of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(iii))

iii. **For monitoring, record keeping, and reporting requirements:**

Written reports that identify any deviations from the federally enforceable monitoring, record keeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year, for the previous six calendar months. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. These semi-annual written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the reporting of any deviations related to the monitoring, record keeping, and reporting requirements. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no deviations occurred during that period.

(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii))

iv. Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))

2. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions unit(s) or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06, any scheduled maintenance or malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).
(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iii))

3. Risk Management Plans

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.
(Authority for term: OAC rule 3745-77-07(A)(4))

4. Title IV Provisions

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.
(Authority for term: OAC rule 3745-77-07(A)(5))

5. Severability Clause

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.
(Authority for term: OAC rule 3745-77-07(A)(6))

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

(Authority for term: OAC rule 3745-77-07(A)(7))

7. Fees

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78.
(Authority for term: OAC rule 3745-77-07(A)(8))

8. Marketable Permit Programs

No revision of this permit is required under any approved economic incentive, marketable permits, emissions trading, and other similar programs or processes for changes that are provided for in this permit.
(Authority for term: OAC rule 3745-77-07(A)(9))

9. Reasonably Anticipated Operating Scenarios

The permittee is hereby authorized to make changes among operating scenarios authorized in this permit without notice to the Ohio EPA, but, contemporaneous with making a change from one operating scenario to another, the permittee must record in a log at the permitted facility the scenario under which the permittee is operating. The permit shield provided in these general terms and conditions shall apply to all operating scenarios authorized in this permit.
(Authority for term: OAC rule 3745-77-07(A)(10))

10. Reopening for Cause

This Title V permit will be reopened prior to its expiration date under the following conditions:

a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the

permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.

b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.

c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.

d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

(Authority for term: OAC rules 3745-77-07(A)(12) and 3745-77-08(D))

11. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

(Authority for term: OAC rule 3745-77-07(B))

12. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this Title V permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:

i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted on or before April 30th of each year during the permit term.

ii. Compliance certifications shall include the following:

(a) An identification of each term or condition of this permit that is the basis of the certification.

(b) The permittee's current compliance status.

(c) Whether compliance was continuous or intermittent.

(d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.

(e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.

iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

(Authority for term: OAC rules 3745-77-07(C)(1),(2),(4) and (5) and ORC section 3704.03(L))

13. Permit Shield

a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

b. This permit shield provision shall apply to any requirement identified in this permit pursuant to OAC rule 3745-77-07(F)(2), as a requirement that does not apply to the source or to one or more emissions units within the source.

(Authority for term: OAC rule 3745-77-07(F))

14. Operational Flexibility

The permittee is authorized to make the changes identified in OAC rule 3745-77-07(H)(1)(a) to (H)(1)(c) within the permitted stationary source without obtaining a permit revision, if such change is not a modification under any provision of Title I of the Act [as defined in OAC rule 3745-77-01(JJ)], and does not result in an exceedance of the emissions allowed under this permit (whether expressed therein as a rate of emissions or in terms of total emissions), and the permittee provides the Administrator of the U.S. EPA and the appropriate Ohio EPA District Office or local air agency with written notification within a minimum of seven days in advance of the proposed changes, unless the change is associated with, or in response to, emergency conditions. If less than seven days notice is provided because of a need to respond more quickly to such emergency conditions, the permittee shall provide notice to the Administrator of the U.S. EPA and the appropriate District Office of the Ohio EPA or local air agency as soon as possible after learning of the need to make the change. The notification shall contain the items required under OAC rule 3745-77-07(H)(2)(d).

(Authority for term: OAC rules 3745-77-07(H)(1) and (2))

15. Emergencies

The permittee shall have an affirmative defense of emergency to an action brought for noncompliance with technology-based emission limitations if the conditions of OAC rule 3745-77-07(G)(3) are met. This emergency defense provision is in addition to any emergency or upset provision contained in any applicable requirement.

(Authority for term: OAC rule 3745-77-07(G))

16. Off-Permit Changes

The owner or operator of a Title V source may make any change in its operations or emissions at the source that is not specifically addressed or prohibited in the Title V permit, without obtaining an amendment or modification of the permit, provided that the following conditions are met:

a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.

b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emission levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.

c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).

d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.

e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

Paragraph (I) of rule 3745-77-07 of the Administrative Code applies only to modification or amendment of the permittee's Title V permit. The change made may require a permit to install under Chapter 3745-31 of the Administrative Code if the change constitutes a modification as defined in that Chapter. Nothing in paragraph (I) of rule 3745-77-07 of the Administrative Code shall affect any applicable obligation under Chapter 3745-31 of the Administrative Code.

(For purposes of clarification, the permittee can refer to Engineering Guide #63 that is available in the STARSHIP software package.)
(Authority for term: OAC rule 3745-77-07(I))

17. Compliance Method Requirements

Nothing in this permit shall alter or affect the ability of any person to establish compliance with, or a violation of, any applicable requirement through the use of credible evidence to the extent authorized by law. Nothing in this permit shall be construed to waive any defenses otherwise available to the permittee, including but not limited to, any challenge to the Credible Evidence Rule (see 62 Fed. Reg. 8314, Feb. 24, 1997), in the context of any future proceeding.
(This term is provided for informational purposes only.)

18. Insignificant Activities

Each insignificant activity that has one or more applicable requirements shall comply with those applicable requirements.
(Authority for term: OAC rule 3745-77-07(A)(1))

19. Permit to Install Requirement

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.
(Authority for term: OAC rule 3745-77-07(A)(1))

20. Air Pollution Nuisance

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.
(Authority for term: OAC rule 3745-77-07(A)(1))

B. *State Only Enforceable Section*

1. Reporting Requirements Related to Monitoring and Record Keeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

b. Except as otherwise may be provided in the terms and conditions for a specific emissions unit, quarterly written reports of (i) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and record keeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures which have been or will be taken, shall be submitted to the appropriate Ohio EPA District Office or local air agency. In identifying each deviation, the permittee shall specify the applicable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.)

2. Records Retention Requirements

Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, but not be limited to, all calibration and maintenance records and all original strip-chart recordings for continuous monitoring instrumentation, and copies of all reports required by this permit. Such records may be maintained in computerized form.

3. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

4. Scheduled Maintenance/Malfunction Reporting

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. Except as provided in that rule, any scheduled maintenance or

malfunction necessitating the shutdown or bypassing of any air pollution control system(s) shall be accompanied by the shutdown of the emissions unit(s) that is (are) served by such control system(s).

5. Permit Transfers

Any transferee of this permit shall assume the responsibilities of the prior permit holder. The appropriate Ohio EPA District Office or local air agency must be notified in writing of any transfer of this permit.

6. Additional Reporting Requirements When There Are No Deviations of <u>Federally Enforceable</u> Emission Limitations, Operational Restrictions, or Control Device Operating Parameter Limitations (See Section A of This Permit)

If no deviations occurred during a calendar quarter, the permittee shall submit a quarterly report, which states that no deviations occurred during that quarter. The reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the previous calendar quarters.

Part II - Specific Facility Terms and Conditions

A. State and Federally Enforcable Section

1. The following rule is applicable to emissions unit P004: OAC rule 3745-21-07(G)(1).

2. The permittee shall comply with the following applicable emission limitations for emissions unit P004:

a. 3 lbs organic compounds (OC)/hour; and

b. 15 lbs OC/day.

3. The permittee shall comply with the following monitoring and/or record keeping requirements:

a. The permittee shall collect and record the following information each day for emissions unit P004:

i. The total uncontrolled daily organic compound emission rate for the coating operation associated with emissions unit P004 [i.e., from section A.III.1.f of emissions unit R045 (the contribution to the "split" from emissions units R041, R042, R043 and R044 is assumed to be negligible)], multiplied by the maximum percentage of the emissions from the coating operation associated with emissions unit P004, as determined below (see section A.5.e), in pounds.

ii. The number of hours of operation the emissions unit is in operation.

iii. The average hourly OC emission rate (II.A.3.a.i/II.A.3.a.ii), in pounds/hr (average).*

b. For purposes of calculating the OC emission rates for emissions unit P004 and the associated spray booth (R045), the permittee shall utilize a value of % by weight that is based on the results of the booth/oven split testing required in section A.5 for emissions unit P004 and is representative of the maximum percentage of the organic compounds employed in the spray booth (emissions unit R045) that is emitted uncontrolled from the spray booth. The remaining percentage of the organic compounds employed in the spray booth shall be considered to be the uncontrolled emissions for emissions unit P004.

* It shall not be necessary to develop record keeping requirements to ensure compliance with the 3 lbs OC/hr emission limitation if the emission testing, pursuant to section A.5 below, demonstrates that the potential to emit for OC from emissions unit P004 is less than 3 lbs/hr.

4. The permittee shall submit quarterly deviation (excursion) reports for emissions unit P004 that include the following:

a. An identification of each day during which the average hourly organic compound emission rate exceeded 3 pounds per hour, and the actual average hourly organic compound emission rate for each such day.*

b. An identification of each day during which the organic compound emission rate exceeded 15 pounds per day, and the actual organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

* It shall not be necessary to submit quarterly deviation reports for the 3 lbs OC/hr emission limitation if the emission testing, pursuant to section A.5 below, demonstrates that the potential to emit for OC from emissions unit P004 is less than 3 lbs/hr.

A. State and Federally Enforcable Section (continued)

5. The permittee shall conduct, or have conducted, emission testing for emissions unit P004 in accordance with the following requirements:

a. The emission testing shall be conducted within 6 months of issuance of this permit.

b. The emission testing shall be conducted to demonstrate compliance with the allowable OC emission limitation of 3 lbs/hr, and to determine the oven/booth "split" of OC emissions.

c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 25, 40 CFR, Part 60, Appendix A. Alternative U.S. EPA-approved test methods may be used with prior approval from the Ohio EPA.

d. The test(s) shall be conducted while this emissions unit and emissions units R041 through R045 are operating at or near their maximum capacities (i.e., the maximum coating throughput with the maximum OC content), unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

e. The oven/booth "split" shall be determined as follows:

split (% by weight) = (b/a) x 100%

where:

a = the maximum OC input rate (lbs/hr) to the spray booth (emission unit R045); and

b = the tested OC emission rate (lbs/hr) from the stack associated with the oven (emissions unit P004)

6. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Northwest District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Northwest District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northwest District Office.

7. Formulation data or USEPA Method 24 shall be used to determine the organic compound contents of the coatings and cleanup materials employed in emissions unit P004.

B. State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

6.0 mmBtu/hr DeVilbiss AMU #1 natural gas, Ohio EPA emissions unit B004;
6.0 mmBtu/hr DeVilbiss AMU #1 natural gas, Ohio EPA emissions unit B005;
4.8 mmBtu/hr DeVilbiss AMU #1 natural gas, Ohio EPA emissions unit B006;
6.0 mmBtu/hr DeVilbiss AMU #1 natural gas, Ohio EPA emissions unit B007;
4.4 mmBtu/hr Jac & Chu AMU #5 natural gas, Ohio EPA emissions unit B008;
4.3 mmBtu/hr Geo K AMU #6 natural gas, Ohio EPA emissions unit B009;
4.7 mmBtu/hr Ind Air Sys AMU 7 natural gas, Ohio EPA emissions unit B010;
A.C.E. Oven (paint burn-off, 500 lb/hr), Ohio EPA emissions unit N001;
0.5 mmBtu/hr DeVilbiss Batch Oven, Ohio EPA emissions unit P002;
3.5 mmBtu/hr Koch Oven - Line 1, Ohio EPA emissions unit P003;
5.0 mmBtu/hr Koch Oven - Line 2, Ohio EPA emissions unit P004;
1.2 mmBtu/hr Gen Auto Tran Oven #6, Ohio EPA emissions unit P005;
0.5 mmBtu/hr Mich Batch Oven #7, Ohio EPA emissions unit P006;
Resin Storage Silo #1, Ohio EPA emissions unit P007;
Resin Storage Silo #2, Ohio EPA emissions unit P008;
Resin Storage Silo #3, Ohio EPA emissions unit P009;
Resin Storage Silo #4, Ohio EPA emissions unit P010;
Injection Molding Machine 2, Ohio EPA emissions unit Z002;
Injection Molding Machine 4, Ohio EPA emissions unit Z004;
Injection Molding Machine 6, Ohio EPA emissions unit Z006;
Injection Molding Machine 8, Ohio EPA emissions unit Z008;
Injection Molding Machine 9, Ohio EPA emissions unit Z009;

Injection Molding Machine 11, Ohio EPA emissions unit Z011;
Injection Molding Machine 12, Ohio EPA emissions unit Z012;
Injection Molding Machine 13, Ohio EPA emissions unit Z013;
Injection Molding Machine 14, Ohio EPA emissions unit Z014;
Injection Molding Machine 15, Ohio EPA emissions unit Z015;
Injection Molding Machine 16, Ohio EPA emissions unit Z016;
Injection Molding Machine 17, Ohio EPA emissions unit Z017;
Injection Molding Machine 18, Ohio EPA emissions unit Z018;
Injection Molding Machine 30, Ohio EPA emissions unit Z021;
Injection Molding Machine 31, Ohio EPA emissions unit Z022;
Injection Molding Machine 33, Ohio EPA emissions unit Z024;
Injection Molding Machine 35, Ohio EPA emissions unit Z026;
Injection Molding Machine 36, Ohio EPA emissions unit Z027;
Injection Molding Machine 37, Ohio EPA emissions unit Z028;
Injection Molding Machine 39, Ohio EPA emissions unit Z030;
Injection Molding Machine 40, Ohio EPA emissions unit Z031;
Injection Molding Machine 41, Ohio EPA emissions unit Z032;
Injection Molding Machine 42, Ohio EPA emissions unit Z033;
Injection Molding Machine 43, Ohio EPA emissions unit Z034;
Injection Molding Machine 44, Ohio EPA emissions unit Z035;
Injection Molding Machine 45, Ohio EPA emissions unit Z036;
Injection Molding Machine 46, Ohio EPA emissions unit Z037;
Injection Molding Machine 48, Ohio EPA emissions unit Z039;
Injection Molding Machine 50, Ohio EPA emissions unit Z041;

B. State Only Enforceable Section (continued)

Injection Molding Machine 51, Ohio EPA emissions unit Z042;
Injection Molding Machine 52, Ohio EPA emissions unit Z043;
Injection Molding Machine 53, Ohio EPA emissions unit Z044;
Injection Molding Machine 54, Ohio EPA emissions unit Z045;
4.0 mmBtu/hr Gen Fab AMU #8 natural gas, Ohio EPA emissions unit Z046;
Resin Grinding Machine #5000, Ohio EPA emissions unit Z047;
Resin Grinding Machine #5037, Ohio EPA emissions unit Z050;
Resin Grinding Machine #5038, Ohio EPA emissions unit Z051;
Resin Grinding Machine #5039, Ohio EPA emissions unit Z052;
Resin Grinding Machine #5040, Ohio EPA emissions unit Z053;
Resin Grinding Machine #5045, Ohio EPA emissions unit Z055;
Resin Grinding Machine #5056, Ohio EPA emissions unit Z060;
Resin Grinding Machine #5061, Ohio EPA emissions unit Z062;
Resin Grinding Machine #5062, Ohio EPA emissions unit Z063;
Resin Grinding Machine #5066, Ohio EPA emissions unit Z064;
Resin Grinding Machine #5068, Ohio EPA emissions unit Z065;
Resin Grinding Machine #5070, Ohio EPA emissions unit Z067;
Resin Grinding Machine #5071, Ohio EPA emissions unit Z068;
Resin Grinding Machine #5072, Ohio EPA emissions unit Z069;
Resin Grinding Machine #5073, Ohio EPA emissions unit Z070;
Resin Grinding Machine #5075, Ohio EPA emissions unit Z072;
Resin Grinding Machine #5076, Ohio EPA emissions unit Z073;

Resin Grinding Machine #5077, Ohio EPA emissions unit Z074;
Resin Grinding Machine #5078, Ohio EPA emissions unit Z075;
Resin Grinding Machine #5079, Ohio EPA emissions unit Z076;
Resin Grinding Machine #5080, Ohio EPA emissions unit Z077;
Resin Grinding Machine #5081, Ohio EPA emissions unit Z078;
Resin Grinding Machine #5082, Ohio EPA emissions unit Z079;
Resin Grinding Machine #5083, Ohio EPA emissions unit Z080;
Resin Grinding Machine #5084, Ohio EPA emissions unit Z081;
Resin Grinding Machine #5085, Ohio EPA emissions unit Z082;
Resin Grinding Machine #5086, Ohio EPA emissions unit Z083;
Resin Grinding Machine #5087, Ohio EPA emissions unit Z084;
Resin Grinding Machine #5088, Ohio EPA emissions unit Z085;
Resin Grinding Machine #5089, Ohio EPA emissions unit Z086;
Resin Grinding Machine #5090, Ohio EPA emissions unit Z087;
Resin Grinding Machine #5091, Ohio EPA emissions unit Z088;
Resin Grinding Machine #5092, Ohio EPA emissions unit Z089;
Resin Grinding Machine #5093, Ohio EPA emissions unit Z090;
Resin Grinding Machine #5094, Ohio EPA emissions unit Z091;
Resin Grinding Machine #5095, Ohio EPA emissions unit Z092;
Resin Grinding Machine #5096, Ohio EPA emissions unit Z093;
Resin Grinding Machine #5097, Ohio EPA emissions unit Z094;
Resin Grinding Machine #5098, Ohio EPA emissions unit Z095;
Resin Grinding Machine #5099, Ohio EPA emissions unit Z096;
Parts Washer #1, Ohio EPA emissions unit Z097;
Parts Washer #2, Ohio EPA emissions unit Z098;
Parts Washer #3, Ohio EPA emissions unit Z099;
Pneumatic Conveying Line #1, Ohio EPA emissions unit Z100;
Pneumatic Conveying Line #2, Ohio EPA emissions unit Z101;
Pneumatic Conveying Line #3, Ohio EPA emissions unit Z102;
Pneumatic Conveying Line #4, Ohio EPA emissions unit Z103;
Pneumatic Conveying Line #5, Ohio EPA emissions unit Z104;
Whitlock Ribbon Blender, Ohio EPA emissions unit Z105;
Bin Loader (Resin from silos), Ohio EPA emissions unit Z106;

B. State Only Enforceable Section (continued)

T & D Shot Blast (900 ACFM inside), Ohio EPA emissions unit Z107;
Oil Filter Cleaning Operation, Ohio EPA emissions unit Z108;
Line 1 Paint Dispensing Station, Ohio EPA emissions unit Z109;
Old Paint Rm - 55 Gal Solv Storage, Ohio EPA emissions unit Z111;
Old Paint Rm - 55 Gallon Drum Agit 1, Ohio EPA emissions unit Z112;
Old Paint Rm - 55 Gallon Drum Agit 2, Ohio EPA emissions unit Z113;
55 Gal Drum Agit - Feed to Booth #10, Ohio EPA emissions unit Z114;
Old Paint Room - Glue Mix Area, Ohio EPA emissions unit Z115;
Old Paint Rm - Paint Weighing Station, Ohio EPA emissions unit Z116;
New Paint Rm -5 Gal Pail Mixing Area, Ohio EPA emissions unit Z118;
PRI Model SC-200 Solvent Still, Ohio EPA emissions unit Z119;
New Paint Rm -55 Gal Drum Agit Area, Ohio EPA emissions unit Z120;
New Paint Rm - 55 Gal Solv Disp Area, Ohio EPA emissions unit Z121;
New Paint Rm - 55 Gal Waste Drums, Ohio EPA emissions unit Z122;
Infrared Oven #1 (with R011), Ohio EPA emissions unit Z124;
Infrared Oven #3 (with R047), Ohio EPA emissions unit Z126;
Infrared Oven #4 (with R055), Ohio EPA emissions unit Z127;
Vinyl Wrap Vacuum Forming, Ohio EPA emissions unit Z129;
Infra Oven 6 (with R015 & R020), Ohio EPA emissions unit Z132;
Solvent Wipe Cleaning, Ohio EPA emissions unit Z133;

Mold Press #33, Ohio EPA emissions unit Z134;
Mold Press #52, Ohio EPA emissions unit Z135;
Mold Press #57, Ohio EPA emissions unit Z136;
Resin Grinding Machine #5041, Ohio EPA emissions unit Z137;
Resin Grinding Machine #5042, Ohio EPA emissions unit Z138;
Resin Grinding Machine #5043, Ohio EPA emissions unit Z139;
Resin Grinding Machine #5055, Ohio EPA emissions unit Z140;
Mold Press #55, Ohio EPA emissions unit Z141;
Mold Press #56, Ohio EPA emissions unit Z142;
Resin Grinding Machine #5020, Ohio EPA emissions unit Z144;
Mold Press #48, Ohio EPA emissions unit Z145;
Mold Press #48, Ohio EPA emissions unit Z148;
Mold Press #13, Ohio EPA emissions unit Z149;
Mold Press #32, Ohio EPA emissions unit Z150;
Air Make-up Unit #9, Ohio EPA emissions unit Z151;
Air Make-up Unit #10, Ohio EPA emissions unit Z152;
Air Make-up Unit #11, Ohio EPA emissions unit Z153;
Air Make-up Unit #12, Ohio EPA emissions unit Z154;
Power Wash Line #2, Ohio EPA emissions unit Z155; and
Paint Weigh Station, Ohio EPA emissions unit Z156.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #13 (R009)

Activity Description: Paint Spray Booth #13

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth 13 - Plastic Parts	OAC rule 3745-31-02 PTI # 03-7904	See A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B) and 3745-17-07(A).
	OAC rule 3745-17-11(B)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.b.)

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

2.b This facility is in Wyandot County; therefore, it is not located in a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06. Also, this emissions unit is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the coating line:

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

b. the volume, in gallons, of each coating and cleanup material employed;

c. the VOC content of each coating, as applied, and each cleanup material employed, in pounds per gallon;

d. the VOC emissions from each coating and cleanup material employed (b x c), in pounds;

e. the total VOC emissions from all the coatings employed (summation of d for all coatings), in pounds;

f. the total VOC emissions from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;

g. the total VOC emissions from all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rates from all the coatings and cleanup materials employed, in tons (the rolling, 12-month summation of VOC emission rates shall be calculated by adding the VOC emission rates for the preceding 11 months + the VOC emission rate for the current calendar month.)

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 7.0 tons. The quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitation:
7.0 tons VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the above limitation.

Any determination of the VOC content, solids content, or density of a coating and/or cleanup material shall be based on the coating/cleanup material as as applied, including the addition of any thinner or viscosity reducer to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses the formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

1.b Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #5 (R011)

Activity Description: Paint Spray Booth #5

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth 5 - Plastic Parts	OAC rule 3745-31-02 PTI # 03-7904	See A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B) and 3745-17-07(A).
	OAC rule 3745-17-11(B)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.b.)

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

2.b This facility is in Wyandot County; therefore, it is not located in a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06. Also, this emissions unit is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the coating line:

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

b. the volume, in gallons, of each coating and cleanup material employed;

c. the VOC content of each coating, as applied, and each cleanup material employed, in pounds per gallon;

d. the VOC emissions from each coating and cleanup material employed (b x c), in pounds;

e. the total VOC emissions from all the coatings employed (summation of d for all coatings), in pounds;

f. the total VOC emissions from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;

g. the total VOC emissions from all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rates from all the coatings and cleanup materials employed, in tons (the rolling, 12-month summation of VOC emission rates shall be calculated by adding the VOC emission rates for the preceding 11 months + the VOC emission rate for the current calendar month.)

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 7.0 tons. The quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitation:
7.0 tons VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the above limitation.

Any determination of the VOC content, solids content, or density of a coating and/or cleanup material shall be based on the coating/cleanup material as as applied, including the addition of any thinner or viscosity reducer to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses the formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

1.b Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #2 (R020)

Activity Description: Paint Spray Booth #2

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth 2 - Plastic Parts	OAC rule 3745-31-02 PTI # 03-7904	See A.I.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-11(B) and 3745-17-07(A).
	OAC rule 3745-17-11(B)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.
	OAC rule 3745-21-07(G)	none (See A.I.2.b.)

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 21 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

2.b This facility is in Wyandot County; therefore, it is not located in a "Priority I" county as indicated in paragraph (A) of OAC rule 3745-21-06. Also, this emissions unit is not a "new source." Therefore, pursuant to OAC rule 3745-21-07(A), this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for the coating line:

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

b. the volume, in gallons, of each coating and cleanup material employed;

c. the VOC content of each coating, as applied, and each cleanup material employed, in pounds per gallon;

d. the VOC emissions from each coating and cleanup material employed (b x c), in pounds;

e. the total VOC emissions from all the coatings employed (summation of d for all coatings), in pounds;

f. the total VOC emissions from all the cleanup materials employed (summation of d for all cleanup materials), in pounds;

g. the total VOC emissions from all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rates from all the coatings and cleanup materials employed, in tons (the rolling, 12-month summation of VOC emission rates shall be calculated by adding the VOC emission rates for the preceding 11 months + the VOC emission rate for the current calendar month.)

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 21 tons. The quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitation:
21.0 tons VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the above limitation.

Any determination of the VOC content, solids content, or density of a coating and/or cleanup material shall be based on the coating/cleanup material as as applied, including the addition of any thinner or viscosity reducer to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses the formulation data supplied by the manufacturer, to determine data used in the calculation of the VOC content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

1.b Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the emission limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #8 (R030)

Activity Description: Paint Spray Booth #8

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth 8 - Plastic Parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive material (coating or cleanup), 8 lbs organic compounds (OC) per hr, 40 lbs OC per day
	OAC rule 3745-17-11(B)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:

a. The company identification for each coating and photochemically reactive cleanup material employed.

b. The number of gallons of each coating and photochemically reactive cleanup material employed.

c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.

d. For each day during which any photochemically reactive material (coating or cleanup) is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.

e. For each day during which any photochemically reactive material (coating or cleanup) is employed, the total number of hours the emissions unit was in operation.

f. For each day during which any photochemically reactive material (coating or cleanup) is employed, the average hourly organic compound emission rate for all the coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The quarterly deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitations:
8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the limitations above.

Any determination of the OC content, solids content, or density of a coating and/or cleanup material shall be based on the coating/cleanup material as as applied, including the addition of any thinner or viscosity reducer to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses the formulation data supplied by the manufacturer, to determine data used in the calculation of the OC content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

1.b Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #9 (R031)

Activity Description: Paint Spray Booth #9

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth 9 - Plastic Parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive material (coating or cleanup), 8 lbs organic compounds (OC) per hr, 40 lbs OC per day
	OAC rule 3745-17-11(B)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information for each day for the coating operation:

a. The company identification for each coating and photochemically reactive cleanup material employed.

b. The number of gallons of each coating and photochemically reactive cleanup material employed.

c. The organic compound content of each coating and photochemically reactive cleanup material, in pounds per gallon.

d. For each day during which any photochemically reactive material (coating or cleanup) is employed, the total organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day.

e. For each day during which any photochemically reactive material (coating or cleanup) is employed, the total number of hours the emissions unit was in operation.

f. For each day during which any photochemically reactive material (coating or cleanup) is employed, the average hourly organic compound emission rate for all the coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

2. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitations:
8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the limitations above.

Any determination of the OC content, solids content, or density of a coating and/or cleanup material shall be based on the coating/cleanup material as as applied, including the addition of any thinner or viscosity reducer to the coating/cleanup material. The permittee shall determine the composition of the coating/cleanup material by formulation data supplied by the manufacturer of the coating/cleanup material, or from data determined by an analysis of each coating/cleanup material, as received, by Reference Method 24. The Ohio EPA may require the permittee, if it uses the formulation data supplied by the manufacturer, to determine data used in the calculation of the OC content of the coating/cleanup material by Reference Method 24 or an equivalent or alternative method.

1.b Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.c Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #2, Booth V1 (R041)

Activity Description: Paint Line #2, Booth V1

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth V1 (Line 2) - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-9403)	On any day when no photochemically reactive coatings are employed, 90 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 2.0 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.c For purposes of calculating OC emissions from this spray booth (emissions unit R041) to show compliance with the OC emission limitations of 8 lbs/hr and 40 lbs/day, it is assumed that 100% of the total OCs employed in this emissions unit are emitted in this emissions.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total OC emission rate for each coating employed, in pounds;

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. for each day during which any photochemically reactive coating is employed, the total OC emission rate for each coating employed, in pounds;

h. for each day during which any photochemically reactive coating is employed, the total OC emission rate for all the coatings employed (summation of g for all coatings), in pounds;

i. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

j. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (h)/(i), in pounds per hour (average).

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all coatings shall be sum of the daily OC emission rates, from section A.III.1.f, for the calendar month divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

III. Monitoring and/or Record Keeping Requirements (continued)

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall collect and record the following information each day for the coating operation:

a. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings employed (from A.III.1.f), in pounds; and

b. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings and cleanup materials employed (A.III.3.c + A.III.4.a), in pounds.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 2.0 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 90 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitations:
on any day when no photochemically reactive coatings are employed, 90 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in sections A.III.2, 3 and 4 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
2.0 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 and 2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V1 (Line 2) - Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #2, Booth V2 (R042)

Activity Description: Paint Line #2, Booth V2

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth V2 (Line 2) - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-9403)	On any day when no photochemically reactive coatings are employed, 90 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.c For purposes of calculating OC emissions from this spray booth (emissions unit R042) to show compliance with the OC emission limitations of 8 lbs/hr and 40 lbs/day, it is assumed that 100% of the total OCs employed in this emissions unit are emitted in this emissions.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total OC emission rate for each coating employed, in pounds;

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. for each day during which any photochemically reactive coating is employed, the total OC emission rate for each coating employed, in pounds;

h. for each day during which any photochemically reactive coating is employed, the total OC emission rate for all the coatings employed (summation of g for all coatings), in pounds;

i. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

j. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (h)/(i), in pounds per hour (average).

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all coatings shall be sum of the daily OC emission rates, from section A.III.1.f, for the calendar month divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

III. Monitoring and/or Record Keeping Requirements (continued)

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall collect and record the following information each day for the coating operation:

a. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings employed (from A.III.1.f), in pounds; and

b. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings and cleanup materials employed (A.III.3.c + A.III.4.a), in pounds.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 7.0 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 90 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitations:
on any day when no photochemically reactive coatings are employed, 90 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in sections A.III.2, 3 and 4 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
7.0 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 and 2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V2 (Line 2) - Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #2, Booth V3 (R043)

Activity Description: Paint Line #2, Booth V3

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth V3 (Line 2) - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-9403)	On any day when no photochemically reactive coatings are employed, 90 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.c For purposes of calculating OC emissions from this spray booth (emissions unit R042) to show compliance with the OC emission limitations of 8 lbs/hr and 40 lbs/day, it is assumed that 100% of the total OC employed in this emissions unit are emitted in this emissions.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total OC emission rate for each coating employed, in pounds;

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. for each day during which any photochemically reactive coating is employed, the total OC emission rate for each coating employed, in pounds;

h. for each day during which any photochemically reactive coating is employed, the total OC emission rate for all the coatings employed (summation of g for all coatings), in pounds;

i. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

j. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (h)/(i), in pounds per hour (average).

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all coatings shall be sum of the daily OC emission rates, from section A.III.1.f, for the calendar month divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

III. Monitoring and/or Record Keeping Requirements (continued)

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall collect and record the following information each day for the coating operation:

a. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings employed (from A.III.1.f), in pounds; and

b. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings and cleanup materials employed (A.III.3.c + A.III.4.a), in pounds.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 7.0 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 90 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitations:
on any day when no photochemically reactive coatings are employed, 90 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in sections A.III.2, 3 and 4 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
7.0 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 and 2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V3 (Line 2) - Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #2, Booth V4 (R044)

Activity Description: Paint Line #2, Booth V4

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V4 (Line 2) - Plastic Parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-9403)	On any day when no photochemically reactive coatings are employed, 90 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2.c For purposes of calculating OC emissions from this spray booth (emissions unit R042) to show compliance with the OC emission limitations of 8 lbs/hr and 40 lbs/day, it is assumed that 100% of the total OC employed in this emissions unit are emitted in this emissions.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total OC emission rate for each coating employed, in pounds;

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. for each day during which any photochemically reactive coating is employed, the total OC emission rate for each coating employed, in pounds;

h. for each day during which any photochemically reactive coating is employed, the total OC emission rate for all the coatings employed (summation of g for all coatings), in pounds;

i. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

j. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (h)/(i), in pounds per hour (average).

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all coatings shall be sum of the daily OC emission rates, from section A.III.1.f, for the calendar month divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

III. Monitoring and/or Record Keeping Requirements (continued)

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall collect and record the following information each day for the coating operation:

a. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings employed (from A.III.1.f), in pounds; and

b. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings and cleanup materials employed (A.III.3.c + A.III.4.a), in pounds.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 7.0 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 90 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitations:
on any day when no photochemically reactive coatings are employed, 90 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in sections A.III.2, 3 and 4 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
7.0 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.1 and 2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V4 (Line 2) - Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #2, Booth V5 (R045)

Activity Description: Paint Line #2, Booth V5

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth V5 (Line 2) - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-9403)	On any day when no photochemically reactive coatings are employed, 90 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 7.0 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

II. Operational Restrictions (continued)

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total potential (prior to applying the booth/oven "split") OC emission rate for each coating employed, in pounds;

f. the total potential (prior to applying the booth/oven "split") OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. the total potential OC emission rate for all the coatings employed (summation of e for all coatings) multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.6 of this permit), in pounds;

h. for each day during which any photochemically reactive coating is employed, the total potential (prior to applying the booth/oven "split") OC emission rate for each coating employed, in pounds;

i. for each day during which any photochemically reactive coating is employed, the total potential (prior to applying the booth/oven "split") OC emission rate for all the coatings employed (summation of h for all coatings), in pounds;

j. for each day during which any photochemically reactive material is employed, the total potential OC emission rate for all the coatings employed (summation of h for all coatings) multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.6 of this permit), in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all coatings shall be sum of the daily OC emission rates, from section A.III.1.g, for the calendar month divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall collect and record the following information each day for the coating operation:

a. for each day during which no photochemically reactive materials are employed, the total potential (prior to applying the booth/oven "split") OC emission rate for all the coatings employed, in pounds;

b. for each day during which no photochemically reactive materials are employed, the total potential (prior to applying the booth/oven "split") OC emission rate for all the coatings employed (from section A.III.4.a) multiplied by the maximum percentage of the emissions associated with this emissions unit (as defined in condition A.III.6 of this permit) , in pounds; and

c. for each day during which no photochemically reactive materials are employed, the total OC emission rate for all the coatings and cleanup materials employed (A.III.3.c + A.III.4.b), in pounds.

5. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

6. For purposes of calculating the organic compound emission rates for this emissions unit and the associated oven (P004), the permittee shall utilize a value of % by weight that is based on the results of the booth/oven split testing required in section II.A.5 for emissions unit P004 and is representative of the maximum percentage of the organic compounds employed in the spray booth (emissions unit R045) that is emitted uncontrolled from the spray booth. The remaining percentage of the organic compounds employed in the spray booth shall be considered to be the uncontrolled emissions for emissions unit P004.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

IV. Reporting Requirements (continued)

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 7.0 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 90 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitations:
on any day when no photochemically reactive coatings are employed, 90 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in sections A.III.1, 2, 3 and 4 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitations:
7.0 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in sections A.III.1 and 2 of this permit shall be used to determine compliance with the emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Paint Spray Booth V5 (Line 2) - Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Adhesive Spray Booth A1 (R046)

Activity Description: Adhesive Spray Booth A1

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Coating Spray Booth A1- Plastic Parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day. See A.II.2.
	OAC rule 3745-31-05 (PTI 03-10009)	On any day when no photochemically reactive coatings are employed, 197.8 lbs OC per day, including cleanup. See A.I.2.a. 0.12 lb/hr particulate emissions (PE) The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	See A.I.2.b.
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of OC from this emissions unit shall not exceed 36.1 tons per year, based upon a rolling, 12-month summation of the monthly OC emission rates.

2.b The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

II. Operational Restrictions (continued)

2. The permittee shall not employ any cleanup material in this emissions unit that is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

d. the OC content of each coating employed, in pounds per gallon;

e. the total OC emission rate for each coating employed (c x d), in pounds;

f. the total OC emission rate for all the coatings employed (summation of e for all coatings), in pounds;

g. for each day during which any photochemically reactive coating is employed, the total OC emission rate for each coating employed (c x d), in pounds;

h. for each day during which any photochemically reactive coating is employed, the total OC emission rate for all the coatings employed (summation of g for all coatings), in pounds;

i. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

j. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings employed, i.e., (h)/(i), in pounds per hour (average).

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the OC content of each cleanup material employed, in pounds per gallon;

d. the OC emission rate for each cleanup material employed (b x c), in tons;

e. the total OC emission rate for all the cleanup materials employed (summation of d for all cleanup materials), in tons;

f. the total OC emission rate for all the coatings employed, in tons (the monthly OC emissions for all the coatings shall be sum of the daily OC emission rates, from section A.III.1.f, for the calendar month, divided by 2000);

g. the total OC emission rate for all the coatings and cleanup materials employed (e + f), in tons; and

h. the rolling, 12-month OC emission rate for all the coatings and cleanup materials, in tons.

III. Monitoring and/or Record Keeping Requirements (continued)

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

a. the total OC emission rate for all the cleanup materials employed, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation; and

c. the average daily OC emission rate for all cleanup materials employed, i.e., (a/b), in pounds/day (average).

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month OC emission limitation of 36.1 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily organic compound emissions from this emissions unit exceeded 197.8 pounds, and the actual daily organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall submit annual reports that specify the actual annual OC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

V. Testing Requirements (continued)

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
on any day when no photochemically reactive coatings are employed, 197.8 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.4 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
36.1 tons of OC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the emission limitation above.

1.d Emission Limitation:
0.12 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 99%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.e Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
Adhesive Spray Booth A1- Plastic Parts	none	none

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. The permit to install for this emissions unit was evaluated based on the actual materials (coatings and cleanup materials) specified by the permittee in the permit to install application. The emission limitations specified in this permit were established using the Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") and are based on both the materials used and the design parameters of the emissions unit's exhaust system, as specified in the application. The Ohio EPA's "Air Toxic Policy" was applied for each pollutant using the SCREEN 3.0 model (or other Ohio EPA approved model) and compared the predicted 1-hour maximum ground-level concentration to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: EGBE (2-Butoxyethanol)

TLV (ug/m3): 121,000

Maximum Hourly Emission Rate (lbs/hr): 21

Predicted 1-Hour Maximum Ground-Level
Concentration (ug/m3): 555

MAGLC (ug/m3): 2881

III. Monitoring and/or Record Keeping Requirements (continued)

2. Physical changes to or changes in the method of operation of the emissions unit after its installation or modification could affect the parameters used to determine whether or not the Air Toxic Policy is satisfied. Consequently, prior to making a change that could impact such parameters, the permittee shall conduct an evaluation to determine that the "Air Toxic Policy" will still be still satisfied. If, upon evaluation, the permittee determines that the Air Toxic Policy will not be satisfied, the permittee will not make the change. Changes that can affect the parameters used in applying the "Air Toxic Policy" include the following:

a. changes in the composition of the materials used (coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;

b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and

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

If the permittee determines that the Air Toxic Policy will be satisfied for the above changes, the Ohio EPA will not consider the change(s) to be a "modification" under OAC rule 3745-31-01(VV)(1)(a)(ii), and a modification of the existing permit to install will not be required. If the change(s) is(are) defined as a modification under other provisions of the modification definition (other than (VV)(1)(a)(ii)), then the permittee shall obtain a final permit to install prior to the change.

3. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that a changed emissions unit will still satisfy the Air Toxic Policy:

a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);

b. documentation of its evaluation and determination that the changed emissions unit still satisfies the Air Toxic Policy; and

c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the Air Toxic Policy for the change.

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #14 (R047)

Activity Description: Paint Spray Booth #14

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 14 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #3 (R048)

Activity Description: Paint Spray Booth #3

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 3 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #1 (R049)

Activity Description: Paint Spray Booth #1

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 1 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #6 (R050)

Activity Description: Paint Spray Booth #6

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 6 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #7 (R051)

Activity Description: Paint Spray Booth #7

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 7 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #12 (R052)

Activity Description: Paint Spray Booth #12

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 12 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #1, Booth #1 (R053)

Activity Description: Paint Line #1, Booth #1

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 1 (Line 1)- plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 186 lbs volatile organic compounds (VOC) per day, including cleanup 2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average) See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G)(2).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 11.8 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 11.8 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emissions from this emissions unit exceeded 186 pounds, and the actual daily volatile organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 2.15 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
on any day when no photochemically reactive coatings are employed, 186 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
11.8 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitations:
2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

Applicable Compliance Method:
The record keeping requirements in section A.III.1.e of this permit shall be used to determine compliance with the VOC conent limitation above.

V. Testing Requirements (continued)

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Line #1, Booth #2 (R054)

Activity Description: Paint Line #1, Booth #2

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 2 (Line 1)- plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 186 lbs volatile organic compounds (VOC) per day, including cleanup 2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average) See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G)(2).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 11.8 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 11.8 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emissions from this emissions unit exceeded 186 pounds, and the actual daily volatile organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 2.15 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
on any day when no photochemically reactive coatings are employed, 186 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
11.8 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitations:
2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

Applicable Compliance Method:
The record keeping requirements in section A.III.1.e of this permit shall be used to determine compliance with the VOC conent limitation above.

V. Testing Requirements (continued)

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #10 (R055)

Activity Description: Paint Spray Booth #10

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 10 (Line 1)- plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 186 lbs volatile organic compounds (VOC) per day, including cleanup 2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average) See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G)(2).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 11.8 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 11.8 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emissions from this emissions unit exceeded 186 pounds, and the actual daily volatile organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 2.15 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
on any day when no photochemically reactive coatings are employed, 186 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitations above.

1.c Emission Limitations:
11.8 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

1.d Emission Limitations:
2.15 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

Applicable Compliance Method:
The record keeping requirements in section A.III.1.e of this permit shall be used to determine compliance with the VOC conent limitation above.

V. Testing Requirements (continued)

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Paint Spray Booth #4 (R056)

Activity Description: Paint Spray Booth #4

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures
paint spray booth 4 - plastic parts	OAC rule 3745-21-07(G)(2)	On any day when employing a photochemically reactive coating, 8 lbs organic compounds (OC) per hr, 40 lbs OC per day See A.II.2.
	OAC rule 3745-31-05 (PTI 03-7904)	On any day when no photochemically reactive coatings are employed, 558 lbs volatile organic compounds (VOC) per day, including cleanup 4.6 lbs VOC per day, for cleanup materials 6.4 lbs VOC/gallon of coating (based upon a daily volume-weighted average) 6.71 lbs VOC/gallon of cleanup material See A.1.2.a. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A), 3745-17-11(B) and 3745-21-07(G).
	OAC rule 3745-17-11(B)(1)	0.551 lb/hr particulate emissions (PE)
	OAC rule 3745-17-07(A)	Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

2. Additional Terms and Conditions

2.a The emissions of VOC from this emissions unit shall not exceed 9.64 tons per year, based upon a rolling, 12-month summation of the monthly VOC emission rates.

II. Operational Restrictions

1. The permittee shall operate the dry filtration system whenever this emissions unit is in operation.

2. The permittee shall not employ any cleanup material in this emissions unit which is a photochemically reactive material. "Photochemically reactive material" is defined in OAC rule 3745-21-01(C)(5).

III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each day for the coating operation:

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

b. documentation on whether or not each coating and each cleanup material employed is a photochemically reactive material;

c. the number of gallons of each coating employed;

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

e. the daily, volume-weighted average VOC content of all the coatings (pounds VOC/gallon of coating), as applied, calculated in accordance with the equation specified in OAC rule 3745-21-10 (B)(9) for CVOC,2;

f. the total VOC emission rate for each coating, in pounds;

g. the total VOC emission rate for all the coatings, in pounds;

h. for each day during which a photochemically reactive coating is employed, the OC content of each coating, in pounds per gallon;

i. for each day during which a photochemically reactive coating is employed, the total OC emission rate for each coating, in pounds;

j. for each day during which a photochemically reactive material is employed, the total OC emission rate for all the coatings, in pounds;

k. for each day during which a photochemically reactive material is employed, the total number of hours the emissions unit was in operation; and

l. for each day during which a photochemically reactive material is employed, the average hourly OC emission rate for all the coatings, i.e., (j)/(k), in pounds per hour (average).

III. Monitoring and/or Record Keeping Requirements (continued)

2. The permittee shall collect and record the following information each month for this emissions unit:

a. the company identification for each cleanup material employed;

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

c. the VOC content of each cleanup material, in pounds per gallon;

d. the VOC emission rate for each cleanup material (b x c), in tons;

e. the total VOC emission rate for all the cleanup materials (summation of d for all cleanup materials), in tons;

f. the total VOC emission rate for all the coatings, in tons (the monthly VOC emissions for all coatings shall be sum of the daily VOC emission rates, from section A.III.1.g, for the calendar month, divided by 2000);

g. the total VOC emission rate for all the coatings and cleanup materials (e + f), in tons; and

h. the rolling, 12-month VOC emission rate for all the coatings and cleanup materials, in tons.

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

a. the total VOC emission rate for all the cleanup materials, from A.III.2.e, in pounds;

b. the total number of days the emissions unit was in operation;

c. the average daily VOC emission rate for all cleanup materials, i.e., (a/b), in pounds/day (average); and

d. for each day during which no photochemically reactive materials are employed, the total VOC emission rate for all coatings and cleanup materials (A.III.1.g + A.III.3.c), in pounds.

4. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the emissions unit was in operation.

IV. Reporting Requirements

1. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the dry filtration system was not in service when the emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 30 days after the event occurs.

2. The permittee shall submit quarterly deviation (excursion) reports that include the following information:

a. For the days during which a photochemically reactive material was employed, an identification of each day during which the average hourly organic compound emissions from this emissions unit exceeded 8 pounds per hour, and the actual organic compound emissions for each such day.

b. For the days during which a photochemically reactive material was employed, an identification of each day during which the organic compound emissions from this emissions unit exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

IV. Reporting Requirements (continued)

3. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 12-month VOC emission limitation of 9.64 tons.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

4. The permittee shall submit quarterly deviation (excursion) reports that include an identification of each day during which the daily volatile organic compound emission rate from this emissions unit exceeded 558 pounds, and the actual daily volatile organic compound emission rate for each such day.

The deviation reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions of this permit.

5. The permittee shall submit deviation (excursion) reports that identify each day during which a photochemically reactive cleanup material was employed. The report shall be submitted within 45 days after the deviation occurs.

6. The permittee shall notify the Director (the Ohio EPA, Northwest District Office) in writing of any daily record showing that the daily, volume-weighted average VOC content of all the coatings exceeded the limitation of 6.4 lbs/gallon. The notification shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Northwest District Office) within 45 days after the exceedance occurs.

7. The permittee shall submit annual reports that specify the actual annual VOC emissions from this emissions unit. The reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitations:
on any day when employing a photochemically reactive coating, 8 lbs OC per hr, 40 lbs OC per day

Applicable Compliance Method:
The record keeping requirements in section A.III.1 of this permit shall be used to determine compliance with the emission limitations above.

1.b Emission Limitation:
4.6 lbs VOC per day, for cleanup materials

on any day when no photochemically reactive coatings are employed, 558 lbs VOC per day, including cleanup

Applicable Compliance Method:
The record keeping requirements in section A.III.3 of this permit shall be used to determine compliance with the emission limitation above.

1.c Emission Limitation:
9.64 tons of VOC per year

Applicable Compliance Method:
The record keeping requirements in section A.III.2 of this permit shall be used to determine compliance with the above emission limitation above.

V. Testing Requirements (continued)

1.d Emission Limitations:
6.4 lbs VOC/gallon of coating (based upon a daily, volume-weighted average)

6.71 lbs VOC/gallon of cleanup material

Applicable Compliance Method:
The record keeping requirements in sections A.III.1.e and A.III.2.c of this permit shall be used to determine compliance with the VOC conent limitations above.

1.e Emission Limitation:
0.551 lb/hr PE

Applicable Compliance Method:
To determine the actual worst case PE rate (E), the following equation may be used for the paint spraying operation:

E = PE rate (lbs/hr)

E = maximum coating solids usage rate, in pounds per hour X (1-TE) X (1-CE)

TE = transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (40% considering 40 CFR 60.453)

CE = control efficiency of the control equipment (assumed to be 95%)

If required, the permittee shall demonstrate compliance with the PE limitation above pursuant to OAC rule 3745-17-03(B)(10).

1.f Emission Limitation:
Visible PE shall not exceed 20% opacity, as a six-minute average, except as provided by rule.

Applicable Compliance Method:
If required, the permittee shall determine compliance with the visible PE limitation above in accordance with OAC rule 3745-17-03(B)(1).

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

VI. Miscellaneous Requirements

None

B. State Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/ Requirements	Applicable Emissions Limitations/Control Measures

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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