State of Ohio Environmental Protection Agency

Street Address: 1800 WaterMark Drive, Columbus, OH 43215-1099

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

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

12/18/97

CERTIFIED MAIL

RE: Preliminary Proposed Title V
Chapter 3745-77 permit

08-68-03-0155
Neaton Auto Products Manufacturing, Inc.
Charles E. McDaniel
975 South Franklin Street
Eaton, OH 45320-0688

Dear Charles E. McDaniel:

Enclosed is the Ohio EPA Preliminary Proposed Title V permit that was issued in draft form on 08/28/97. The comment period has ended. We are now ready to submit this permit to USEPA for approval.

We are submitting this for your review and comment. If you do not agree with the Preliminary Proposed Title V permit as written or with agreed-upon changes, then you have the opportunity to schedule a meeting with us to discuss your concerns.

Please contact Michael Ahern, Permit Management Unit Supervisor, at (614) 644-2270, or you can telefax your request to (614) 644-3681, within fourteen (14) days from receipt of this letter if a meeting is desired. If a request for a meeting is not received within fourteen (14) days of receipt of this letter, we will forward this proposed permit (as written, or with agreed-upon changes) to USEPA for approval.

Very truly yours,

Thomas G. Rigo

Thomas G. Rigo, Manager
Field Operations and Permit Section
Division of Air Pollution Control

cc: RAPCA
Becky Castle, DAPC PMU

Ohio EPA
State of Ohio Environmental Protection Agency

TITLE V PERMIT

Date: 12/18/97

PRELIMINARY PROPOSED

Effective Date:

Expiration Date:

This document constitutes issuance to:

Neaton Auto Products Manufacturing, Inc.
975 South Franklin Street
Eaton, OH 45320-0688

of a Title V permit for Facility ID: 08-68-03-0155

Emissions Unit ID (Company ID)/
Emissions Unit Activity Description:
K007 (Panel Meter Paint Booth)
Manual paint spray booth w/gas-fired drying oven

K011 (Outlet Assemblies Paint Booth II)
Automated paint spray booth w/gas-fired drying oven

K012 (Cup Holder Paint Spray Booth)
Automated paint spray booth

K013 (Air Bag Paint System)
Automated Air Bag Painting System with RTO

P001 (RIM Booth #1)
Reaction Injection Molding Booth

P002 (RIM Booth #2)
Reaction Injection Molding Booth

P003 (RIM Booth #3)
Reaction Injection Molding Booth

P004 (RIM Booth #4)
Reaction Injection Molding Booth

P005 (RIM Booth #5)
Reaction Injection Molding Booth

P006 (RIM Booth #6)
Reaction Injection Molding Booth

P007 (RIM Booth #7)
Reaction Injection Molding Booth

P008 (RIM Booth #8)
Reaction Injection Molding Booth

P009 (RIM Booth #9)
Reaction Injection Molding Booth

P010 (RIM Booth #10)
Reaction Injection Molding Booth

P019 (RIM Booth #11)
Reaction Injection Molding Booth

P020 (RIM Booth #12)
Reaction Injection Molding Booth

P021 (RIM Booth #13)
Reaction Injection Molding Booth

P024 (RIM Booth #14)
Reaction Injection Molding Booth

P026 (RIM Booth #15)
Reaction Injection Molding Booth

P027 (RIM Booth #16)
Reaction Injection Molding Booth

P037 (Cover Steering Paint Booth)
Automated paint spray booth w/infra-red drying oven

P039 (RIM Booth #17)
Reaction Injection Molding Booth

P040 (RIM Booth #18)
Reaction Injection Molding Booth

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 3745-77-04(A) 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:

RAPCA
451 West Third Street
PO Box 972
Dayton, OH 45422
(937) 225-4435

OHIO ENVIRONMENTAL PROTECTION AGENCY

_____

Director

PART I - GENERAL TERMS AND CONDITIONS

A. State and Federally Enforceable Section

1. Monitoring and Related Recordkeeping 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.

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.

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping 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. These quarterly written reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(i) and (ii) pertaining to the submission of monitoring reports every six months and OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of all deviations except malfunctions, which shall be reported in accordance with OAC rule 3745-15-06. 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. (These quarterly reports shall exclude deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06.) See B.8 below if no deviations occurred during the quarter.
iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, 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. 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, recordkeeping, 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.

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 are true, accurate, and complete.

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, i.e., upset, 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. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports submitted pursuant to OAC rule 3745-15-06 shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c)(iii) pertaining to the prompt reporting of deviations caused by malfunctions or upsets.

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 emission unit(s) that is (are) served by such control system(s).

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.

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.

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.

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. 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.

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.

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.

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.

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 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 3745-77-07.

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.

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.

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 appropriate Ohio EPA District Office or local air agency 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 March 15th 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.

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.

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 3745-77-02(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).

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.

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, 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; and

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 further clarification, the permittee can refer to Engineering Guide #63 that is available in their STARSHIP software package.)

B. State Only Enforceable Section

1. 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.

2. Reporting Requirements Related to Monitoring and Recordkeeping Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping 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 (a) any deviations (excursions) from emission limitations, operational restrictions, and control device operating parameter limitations that have been detected by the testing, monitoring, and recordkeeping requirements specified in this permit, (b) the probable cause of such deviations, and (c) 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. 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.)

3. 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.

4. 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.

5. 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).

6. 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.

7. 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.

8. 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 Enforceable Section

None

B. State Only Enforceable Section

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

B001 Pump House Boiler
B002 4-Gas-Fired Space Heaters
K003 Reaction Injection Mold Touch-Up Booth #1
K004 Reaction Injection Mold Touch-Up Booth #2
K006 Glove Box Glue Booth
K009 Reaction Injection Mold Touch-up Booth #3
L001 Paint Room Cold Cleaner
P011 Polystyrene Storage Silo #1
P012 Polystyrene Storage Silo #2
P013 Polystyrene Storage Silo #3
P014 Welders 1-3
P015 Reaction Injection Mold Paint Mixing #1
P016 Weld Test Station
P017 Reaction Injection Mold Room Mixing Area
P018 Caustic Spray Washer #1
P022 Welder #6
P023 Welders 4&5
P025 Welder #7
P028 Welder #8
P029 Welder #9
P030 Caustic Spray Washer #2
P031 17 Ton Outlet Injection Machine #1
P032 17 Ton Outlet Injection Machine #2
P033 55 Ton Outlet Injection Machine
P038 Caustic Spray Washer #3
T002 Diphenylmethane Diisocyanate (MDI) Storage Tank
T003 Polyol Storage Tank

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

2. The permittee is hereby notified that this permit, and all agency records concerning the operation of this permitted emissions unit are subject to public disclosure in accordance with OAC rule 3745-49-03.

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Panel Meter Paint Booth (K007)

Activity Description: Manual paint spray booth w/gas-fired drying oven

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
Manual paint spray booth w/ gas-fired drying oven	OAC rule 3745-21-07(G) See section A.VI.	See T&C A.II.2.
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the emissions unit is in operation.

2. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA field office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

III. Monitoring and/or Record Keeping Requirements

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

a. the company identification of each solvent employed in this emissions unit, and

b. whether or not each solvent is a photochemically reactive material.

2. The permittee shall maintain a log of the time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation reports which identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Director (appropriate DO or LAA) within 30 days of the deviation.

V. Testing Requirements

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

1.a Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

1.b The permittee shall use formulation data provided by the solvent manufacturer to determine the organic composition of each solvent employed in this emissions unit.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1853, as issued on October 4, 1989 and administratively modified on April 22, 1992: A.III.1, B.III.

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
Manual paint spray booth w/ gas-fired drying oven	OAC rule 3745-31-05 See section A.VI.	4.8 lbs/hr, 115.2 lbs/day, 15.02 TPY organic compounds, including cleanup

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

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 cleanup material employed.

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

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

d. The total organic compound emission rate for all coatings and cleanup materials, in pounds per day.

e. The total number of hours the emissions unit was in operation.

f. The average hourly organic compound emission rate for all coatings and cleanup materials, i.e., (d)/(e), in pounds per hour (average).

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emission rate exceeded 4.8 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 115.2 pounds per day, and the actual organic compound emission rate for each such day.

The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

2. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by February 15 of each year.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I.1 or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
4.8 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.b Emission Limitation-
115.2 lbs OC/day, including cleanup
Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.c Emission Limitation-
15.02 TPY OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.1 and shall be the sum of the daily OC emissions for the calendar year divided by 2000 lbs/ton.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Outlet Assemblies Paint Booth II (K011)

Activity Description: Automated paint spray booth w/gas-fired drying oven

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
Automated paint spray booth w/ gas-fired drying oven	OAC rule 3745-17-11	0.551 lb/hr particulate
	OAC rule 3745-21-07(G) See section A.VI.	See T&C A.II.1.

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA field office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined in OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. This emissions unit shall employ a dry exhaust gas filtration system at all times while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

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

a. the company identification of each solvent employed in this emissions unit, and

b. whether or not each solvent is a photochemically reactive material.

2. The permittee shall maintain a log of the time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation reports which identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Director (appropriate DO or LAA) within 30 days of the deviation.

V. Testing Requirements

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

1.a Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

1.b The permittee shall use formulation data provided by the solvent manufacturer to determine the organic composition of each solvent employed in this emissions unit.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-2796, as issued on December 15, 1993 and administratively modified on May 15, 1996: A.III.1, B.I.2.a, B.II.2, B.III.

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
Automated paint spray booth w/gas-fired drying oven	OAC rule 3745-31-05 See section A.VI.	26.41 lbs/hr, 78.5 lbs/day, 0.70 ton/month, and 8.47 TPY organic compounds, including cleanup

2. Additional Terms and Conditions

2.a The OC content of the coating material(s) employed in this emissions unit shall not exceed 6.42 lbs/gallon and the OC content of the cleanup material(s) employed in this emissions unit shall not exceed 7.15 lbs/gallon.

II. Operational Restrictions

1. The maximum monthly coating usage for this emissions unit shall not exceed 171 gallons, and the maximum monthly cleanup usage for this emissions unit shall not exceed 43 gallons.

2. The maximum annual coating usage for this emissions unit shall not exceed 2060 gallons, and the maximum annual cleanup usage for this emissions unit shall not exceed 520 gallons.

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 cleanup material employed;

b. the number of gallons of each coating employed;

c. the total number of gallons of coatings employed;

d. the number of gallons of each cleanup employed;

e. the total number of gallons of cleanup material employed;

f. the organic compound content, in pounds per gallon, of each coating material employed;

g. the organic compound content, in pounds per gallon, of each cleanup material employed;

h. the total organic compound emission rate for all coatings and cleanup materials, in pounds;

i. the total number of hours the emissions unit was in operation; and

j. the average hourly organic compound emission rate for all coatings and cleanup materials, i.e., (h)/(i), in pounds per hour.

2. The permittee shall also maintain monthly records of coating and cleanup usages, summing the daily records for each calendar month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emission rate exceeded 26.41 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 78.5 pounds per day, and the actual organic compound emission rate for each such day.

2. The permittee shall submit deviation (excursion) reports of any monthly record showing an exceedance of the coating and cleanup usage limitations stated in section B.II.

3. The permittee shall submit deviation (excursion) reports of any daily (of OC contents) record showing the use of noncomplying coatings and/or cleanup materials.

4. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

5. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by February 15 of each year.

V. Testing Requirements

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

1.a Emission Limitation-
26.41 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.b Emission Limitation-
78.5 lbs OC/day, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.c Emission Limitation-
0.70 ton/month OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar month.

1.d Emission Limitation-
8.47 TPY OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Cup Holder Paint Spray Booth (K012)

Activity Description: Automated paint spray booth

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
Automated paint spray booth w/ gas-fired drying oven	OAC rule 3745-17-11	0.551 lb/hr particulate
	OAC rule 3745-21-07(G) See Section A.VI	See T&C A.II.1

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. The use of photochemically reactive materials, as defined in OAC rule 3745-21-01(C)(5), in this emissions unit is prohibited.

Prior to employing any photochemically reactive materials, the permittee shall provide written notification to, and obtain approval from, the Ohio EPA field office. Such notification shall include information sufficient to determine that the emissions associated with the proposed change in materials will comply with the emission limits and/or control requirements as defined by OAC 3745-21-07(G)(2). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour.

2. This emissions unit shall employ a dry exhaust gas filtration system at all times while the emissions unit is in operation.

III. Monitoring and/or Record Keeping Requirements

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

a. the company identification of each solvent employed in this emissions unit, and

b. whether or not each solvent is a photochemically reactive material.

2. The permittee shall maintain a log of the time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation reports which identify the days during which photochemically reactive materials were employed in this emissions unit. Each report shall identify the cause for the use of the photochemically reactive material(s), and the estimated total quantity of material(s) emitted during each such day, in pounds. Each report shall be submitted to the Director (appropriate DO or LAA) within 30 days of the deviation.

V. Testing Requirements

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

1.a Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

1.b The permittee shall use formulation data provided by the solvent manufacturer to determine the organic composition of each solvent employed in this emissions unit.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3064, as issued on September 14, 1994 and administratively modified on May 15, 1996: A.III.1, B.I.2.a, B.II.1, B.II.2, B.III.

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
Automated paint spray booth w/ gas-fired drying oven	OAC rule 3745-31-05 See Section A.VI	27 lbs/hr, 82 lbs/day, 0.74 tons/month, and 8.9 TPY organic compounds, including cleanup

2. Additional Terms and Conditions

2.a The OC content of the coating material(s) employed in this emissions unit shall not exceed 6.8 lbs/gallon and the OC content of the cleanup material(s) employed in this emissions unit shall not exceed 7.2 lbs/gallon.

II. Operational Restrictions

1. The maximum daily coating usage for this emissions unit shall not exceed 10 gallons and the maximum daily cleanup usage for this emissions unit shall not exceed 2 gallons.

2. The maximum monthly coating usage for this emissions unit shall not exceed 171 gallons and the maximum monthly cleanup usage for this emissions unit shall not exceed 43 gallons.

3. The maximum annual coating usage for this emissions unit shall not exceed 2060 gallons and the maximum annual cleanup usage for this emissions unit shall not exceed 520 gallons.

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 cleanup material employed;

b. the number of gallons of each coating employed;

c. the total number of gallons of coatings employed;

d. the number of gallons of each cleanup employed;

e. the total number of gallons of cleanup material employed;

f. the organic compound content, in pounds per gallon, of each coating material employed;

g. the organic compound content, in pounds per gallon, of each cleanup material employed;

h. the total organic compound emission rate for all coatings and cleanup materials, in pounds;

i. the total number of hours the emissions unit was in operation; and

j. the average hourly organic compound emission rate for all coatings and cleanup materials, i.e., (h)/(i), in pounds per hour.

2. The permittee shall also maintain monthly records of coating and cleanup usages, summing the daily records for the calendar month.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emission rate exceeded 27.0 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 82.0 pounds per day, and the actual organic compound emission rate for each such day.

2. The permittee shall submit deviation (excursion) reports of any daily and monthly record showing an exceedance of the coating and cleanup usage limitations stated in section B.II.

3. The permittee shall submit deviation (excursion) reports of any daily record showing the use of noncomplying coatings.

4. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

5. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit for the previous calendar year. These reports shall be submitted by February 15 of each year.

V. Testing Requirements

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

1.a Emission Limitation-
27.0 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.b Emission Limitation-
82.0 lbs OC/day, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III.

1.c Emission Limitation-
0.74 tons/month OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar month.

1.d Emission Limitation-
8.9 TPY OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Air Bag Paint System (K013)

Activity Description: Automated Air Bag Painting System with RTO

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
Automated Air Bag Painting System with Regenerative Thermal Oxidizer (RTO)	OAC rule 3745-21-07(G)(2) & (6) See Section A.VI	8.0 lbs/hr, 40.0 lbs/day organic compounds, including photochemically reactive cleanup materials See A.I.2.a

2. Additional Terms and Conditions

2.a The OC emissions from this emissions unit shall be vented to a regenerative thermal oxidizer that achieves a minimum destruction efficiency of 90% at all times during operation.

II. Operational Restrictions

None

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. The total controlled organic compound emission rate for all coatings and photochemically reactive cleanup materials, in pounds per day (i.e., calculated using the overall control efficiency from the most recent performance test that demonstrated that the emissions unit was in compliance).

e. The total number of hours the emissions unit was in operation.

f. The average hourly controlled organic compound emission rate for all coatings and photochemically reactive cleanup materials, i.e., (d)/(e), in pounds per hour (average).

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly controlled organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 8 pounds per hour, and the actual average hourly controlled organic compound emissions for each such day.

b. An identification of each day during which the controlled organic compound emissions from the coatings and photochemically reactive cleanup materials exceeded 40 pounds per day, and the actual controlled organic compound emissions for each such day.

These reports shall be submitted as specified in General Condition A.1.c of this permit.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

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

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3153, as issued on January 25, 1995 and administratively modified on August 21, 1996: A.III., B.I.2.a, B.II.1, B.II.2, B.II.4, B.II.5, B.III.1, B.III.3, B.III.4.

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
Automated Air Bag Painting System with Regenerative Thermal Oxidizer (RTO)	OAC rule 3745-31-05 See Section A.VI	1.0 lb/hr, 15.6 lbs/day, 337 lbs/month, and 2.02 TPY organic compounds, including cleanup materials Combustion Emissions: 0.04 lb/hr, 0.18 TPY particulate; 0.0012 lb/hr, 0.005 TPY sulfur dioxide; 0.2 lb/hr, 0.88 TPY nitrogen oxides; 0.042 lb/hr, 0.18 TPY carbon monoxide See A.2.c

2. Additional Terms and Conditions

2.a The OC content of the coating material(s) employed in this emissions unit shall not exceed 6.46 lbs/gallon and the OC content of the cleanup material(s) employed in this emissions unit shall not exceed 7.11 lbs/gallon.

2.b The lb/hr and TPY combustion emission limitations specified in this permit were established for PTI purposes to reflect the potential to emit for the emissions unit. Therefore, it is not necessary to develop recordkeeping and reporting requirements to ensure compliance with these combustion limitations.

2.c The permittee shall control the OC emissions from this emissions unit by a RTO that achieves a destruction efficiency of at least 95% at all times during operation.

II. Operational Restrictions

1. The maximum monthly coating usage for this emissions unit shall not exceed 977 gallons and the maximum monthly cleanup usage for this emissions unit shall not exceed 43 gallons.

2. The maximum annual coating usage for this emissions unit shall not exceed 11,720 gallons and the maximum annual cleanup usage for this emissions unit shall not exceed 520 gallons.

II. Operational Restrictions (continued)

3. This emissions unit shall be totally enclosed such that OC emissions are captured and contained for discharge through the regenerative thermal oxidizer. Compliance with the following criteria, identified by USEPA Method 204, shall satisfy the total enclosure requirement:

a. Any natural draft opening (NDO) shall be at least four equivalent opening diameters from each OC emitting point unless otherwise specified by the Administrator.

b. The total area of all NDO's shall not exceed 5 percent of the surface area of the enclosure's four walls, floor, and ceiling.

c. The average facial velocity (FV) of air through all NDO's shall be at least 3,600 m/hr (200 fpm). The direction of air flow through all NDO's shall be into the enclosure.

d. All access doors and windows whose areas are not included in section (b) and are not included in the calculation in section (c) shall be closed during routine operation of the process.

e. All OC emissions must be captured and contained for discharge through a control device.

4. The average temperature of the combustion chamber of the regenerative thermal oxidizer, for all 3-hour periods of operation, shall not be more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstated the emissions unit was in compliance.

5. The permanent total enclosure shall be maintained under negative pressure, at a minimum pressure differential that is not less than the minimum pressure differential (inches of water) established during the most recent emission test that demonstrated the emissions unit was in compliance, whenever the 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 cleanup material employed;

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

c. the organic compound content of each coating and cleanup material, in pounds per gallon;

d. the total controlled organic compound emission rate for all coatings and cleanup materials, in pounds per day (i.e., calculated using the overall control efficiency from the most recent performance test that demonstrated that the emissions unit was in compliance);

e. the total number of hours the emissions unit was in operation;

f. the average hourly controlled organic compound emission rate for all coatings and cleanup materials, i.e., (d)/(e), in pounds per hour (average).

2. The permittee shall maintain monthly records of coating and cleanup usage, and the organic compound emission rate, summing the daily records for the calendar month.

3. The permittee shall operate and maintain a continuous temperature monitor and recorder which measures and records the temperature of the combustion chamber from the regenerative thermal oxidizer when the emissions unit is in operation. Units shall be in degrees Fahrenheit. The continuous monitoring and recording devices shall be capable of accurately measuring the desired parameters, and the owner or operator shall properly operate and maintain the devices in accordance with the manufacturer's recommendations.

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

4. The permittee shall collect and record the following information each day for the control equipment:

a. a log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit; and

b. all three-hour periods of operation during which the average combustion temperature was more than fifty degrees Fahrenheit below the average combustion temperature during the most recent performance test that the emissions unit was in compliance.

5. The permittee shall install, maintain and operate monitoring devices and a recorder which simultaneously measure and record the pressure inside and outside the permanent total enclosure. The monitoring and recording devices shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall maintain records of all periods of time during which the permanent total enclosure was not maintained at the required differential pressure determined from the latest performance test where the emissions unit showed compliance.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly controlled organic compound emissions from the coatings and cleanup materials exceeded 1.0 pound per hour, and the actual average hourly controlled organic compound emissions for each such day.

b. An identification of each day during which the controlled organic compound emissions from the coatings and cleanup materials exceeded 15.6 pounds per day, and the actual controlled organic compound emissions for each such day.

c. An identification of each month during which the controlled organic compound emissions from the coatings and cleanup materials exceeded 337 pounds per month, and the actual controlled organic compound emission rate for each such month.

2. The permittee shall submit deviation (excursion) reports of any monthly record showing an exceedance of the coating and cleanup usage limitations stated in section B.II.1.

3. The permittee shall submit temperature deviation (excursion) reports that identify all 3-hour periods of operation during which the average combustion temperature was more than fifty degrees Fahrenheit below the average combustion temperature during the most recent performance test that the emissions unit was in compliance.

4. The permittee shall submit pressure differential deviation (excursion) reports that identify all periods of time during which the permanent total enclosure was not maintained at the required differential pressure determined from the latest performance test where the emissions unit showed compliance.

5. The permittee shall submit deviation (excursion) reports of any daily (of lbs OC/gallon) record showing the use of noncomplying coatings.

6. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

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

V. Testing Requirements (continued)

1.a Emission Limitation-
1.0 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be determined by emission testing as specified in section B.V.3 and the recordkeeping specified in section B.III.

1.b Emission Limitation-
15.6 lbs OC/day, including cleanup

Applicable Compliance Method-
Compliance shall be determined by the based upon the recordkeeping specified in section B.III.

1.c Emission Limitation-
337 lbs/month OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar month.

1.d Emission Limitation-
2.02 TPY OC, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section B.III and shall be the sum of the daily OC emission rates for the calendar year.

1.e Emission Limitations-
0.04 lb/hr particulate
0.0012 lb/hr sulfur dioxide
0.2 lb/hr nitrogen oxides
0.042 lb/hr carbon monoxide

Applicable Compliance Method-
Compliance shall be determined by multiplying the AP-42 emission factors, from Section 1.4, for natural gas combustion by the maximum hourly gas burning capacity (2,000 cu.ft) of the emissions unit.

1.f Emission Limitations-
0.18 TPY particulate
0.005 TPY sulfur dioxide
0.88 TPY nitrogen oxides
0.18 TPY carbon monoxide

Applicable Compliance Method-
The TPY limitations were developed by multiplying the lb/hr limitations by the maximum operating schedule of 8760 hrs/yr, and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitations, compliance will also be shown with the annual limitations.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.

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

i. The emission testing shall be conducted 6 months prior to permit renewal.

ii. The emission testing shall be conducted to demonstrate compliance with the control efficiency limitation for organic compounds as well as compliance with the allowable mass emission rate for organic compounds.

V. Testing Requirements (continued)

3.b The test(s) shall be conducted in accordance with the test methods and procedures specified in OAC rule 3745-21-10. The test method selected shall be based on consideration of the diversity of organic species present and their total concentration, and on consideration of the potential presence of interfering gases. The test(s) shall be conducted while the emissions unit is operating at its maximum rated capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.

3.c Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. 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 District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency 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 appropriate Ohio EPA District Office or local air agency within 30 days following completion of the test(s).

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #1 (P001)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 1	OAC rule 3745-21-07(G)(2) &(4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including mold release and cleanup materials
	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-639, as issued on June 12, 1984 and administratively modified on August 5, 1987: A.III., B.III.

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
Reaction Injection Molding Booth No. 1	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 33.2 lbs/day, and 4.32 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 33.2 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
33.2 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.32 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1 and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #2 (P002)

Activity Description: Reaction Injection Molding Booth

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
	OAC rule 3745-17-11	0.551 lb/hr particulate
Reaction Injection Molding Booth No. 2	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including mold release and cleanup materials

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds;

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-639, as issued on June 12, 1984 and administratively modified on August 5, 1987: A.III., B.III.

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
Reaction Injection Molding Booth No. 2	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 33.2 lbs/day, and 4.32 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 33.2 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
33.2 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.32 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1 and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #3 (P003)

Activity Description: Reaction Injection Molding Booth

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
	OAC 3745-17-11	0.551 lb/hr particulate
Reaction Injection Molding Booth No. 3	OAC 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including mold release and cleanup materials

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-639, as issued on June 12, 1984 and administratively modified on August 5, 1987: A.III., B.III.

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
Reaction Injection Molding Booth No. 2	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 33.2 lbs/day, and 4.32 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 33.2 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
33.2 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.32 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1 and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #4 (P004)

Activity Description: Reaction Injection Molding Booth

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
	OAC rule 3745-17-11	0.551 lb/hr particulate
Reaction Injection Molding Booth No. 4	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including mold release and cleanup materials

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-639, as issued on June 12, 1984 and administratively modified on August 5, 1987: A.III., B.III.

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
Reaction Injection Molding Booth No. 2	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 33.2 lbs/day, and 4.32 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 33.2 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
33.2 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.32 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1 and shall be the sum of the daily OC emission rates for the calendar year.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #5 (P005)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 5	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds;

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1348, as issued on September 30, 1987: A.III., B.III.

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
Reaction Injection Molding Booth No. 5	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #6 (P006)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 6	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1348, as issued on September 30, 1987: A.III, B.III.

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
Reaction Injection Molding Booth No. 6	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #7 (P007)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 7	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1348, as issued on September 30, 1987: A.III, B.III.

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
Reaction Injection Molding Booth No. 7	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #8 (P008)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 8	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1348, as issued on September 30, 1987: A.III, B.III.

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
Reaction Injection Molding Booth No. 8	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #9 (P009)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 9	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1320, as issued on September 30, 1987: A.III, B.III.

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
Reaction Injection Molding Booth No. 9	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #10 (P010)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 10	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr Particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1320, as issued on September 30, 1987: A.III, B.III.

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
Reaction Injection Molding Booth No. 10	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See.A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day the hourly (average) organic compound emission rate exceeded 1.6 lbs/hour. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #11 (P019)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 11	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr Particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1489, as issued on April 13, 1988: A.III, B.III.

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
Reaction Injection Molding Booth No. 11	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 38.4 lbs/day, 4.5 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See.A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 38.4 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
38.4 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.5 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #12 (P020)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 12	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1489, as issued on April 13, 1988: A.III, B.III.

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
Reaction Injection Molding Booth No. 12	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr, 38.4 lbs/day, 4.5 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See.A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 38.4 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

1.b Emission Limitation-
38.4 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

V. Testing Requirements (continued)

1.c Emission Limitation-
4.5 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #13 (P021)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 13	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup material and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr Particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1651, as issued on May 10, 1989: A.III, B.III.

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
Reaction Injection Molding Booth No. 13	OAC rule 3745-31-05 See Section A.VI	6.24 TPY organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See A.III.1.

IV. Reporting Requirements

None

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
6.24 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #14 (P024)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 14	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-1969, as issued on May 31, 1990: A.III, B.III.

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
Reaction Injection Molding Booth No. 14	OAC rule 3745-31-05 See Section A.VI	6.24 TPY organic compounds, including cleanup materials and mold release

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

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
6.24 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #15 (P026)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 15	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr Particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3031, as issued on March 13, 1991: A.III, B.III.

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
Reaction Injection Molding Booth No. 15	OAC rule 3745-31-05 See Section A.VI	6.24 TPY organic compounds, including cleanup materials and mold release

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

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
6.24 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #16 (P027)

Activity Description: Reaction Injection Molding Booth

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
Reaction Injection Molding Booth No. 16	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8 lbs/hr, 40 lbs/day organic compounds, including cleanup materials and mold release
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest OC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,
E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3031, as issued on May 13, 1991: A.III, B.III.

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
Reaction Injection Molding Booth No. 16	OAC rule 3745-31-05 See Section A.VI	6.24 TPY organic compounds, including cleanup materials and mold release

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

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
6.24 TPY OC, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in Section A.III.1 and shall be the sum of the daily OC emissions for the calendar year, divided by 2000 lbs/ton.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: Cover Steering Paint Booth (P037)

Activity Description: Automated paint spray booth w/infra-red drying oven

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
Automated paint spray booth	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI.	8.0 lbs/hr, 40.0 lbs/day organic compounds, including cleanup materials
Same	OAC rule 3745-17-11	0.551 lb/hr particulate

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the emissions unit is in operation.

2. The maximum daily coating usage for this emissions unit shall not exceed 6.17 gallons and the maximum daily cleanup usage for this emissions unit shall not exceed 0.1 gallon.

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 cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of cleanup material employed;

d. the organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the cleanup materials;

f. the total organic compound emission rate for all coatings and cleanup materials, in pounds;

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings and cleanup materials, i.e., (f)/(g), in pounds per hour.

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

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emission rate exceeded 8.0 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 40 pounds per day, and the actual organic compound emission rate for each such day.

2. The permittee shall submit deviation (excursion) reports of any daily record showing an exceedance of the coating usage limitation stated in Section A.II.

3. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

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 Limitation-
8.0 lbs OC/hr, including cleanup

Applicable Compliance Method-
Compliance shall be determined by the based upon the recordkeeping specified in section A.III

1.b Emission Limitation-
40 lbs OC/day, including cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings and cleanup materials.

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3468, as issued on January 10, 1996: A.II.2, A.III.1, B.I.2.a.

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
Automated paint spray booth	OAC rule 3745-31-05 See Section A.VI.	See limits in Section A.1.1

2. Additional Terms and Conditions

2.a The OC content of the coating material(s) employed in this emissions unit shall not exceed 6.36 lbs/gallon and the OC content of the cleanup material material(s) in this emissions unit shall not exceed 7.20 lbs/gallon.

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

None

IV. Reporting Requirements

1. The permittee shall submit excursion (deviation) reports that show the use of noncomplying coatings or cleanup materials. These reports shall be submitted to the Director (appropriate District Office or local air agency) within 30 days from when the exceedance occurred.

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #17 (P039)

Activity Description: Reaction Injection Molding Booth

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
	OAC rule 3745-17-11	0.551 lb/hr particulate
Reaction Injection Molding Booth No. 17	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8.0 lbs/hr, 40.0 lbs/day organic compounds, including mold release and cleanup materials

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3045, as issued on July 13, 1994 and administratively modified on September 20, 1995: A.III.1, B.III.

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
Reaction Injection Molding Booth No. 17	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See.A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

Part III - Terms and Conditions for Emissions Units

Emissions Unit ID: RIM Booth #18 (P040)

Activity Description: Reaction Injection Molding Booth

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
	OAC rule 3745-17-11	0.551 lb/hr particulate
Reaction Injection Molding Booth No. 18	OAC rule 3745-21-07(G)(2) & (4) See Section A.VI	8.0 lbs/hr, 40.0 lbs/day organic compounds, including mold release and cleanup materials

2. Additional Terms and Conditions

None

II. Operational Restrictions

1. This emissions unit shall employ a dry exhaust gas filtration system at all times while the 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, mold release, and cleanup material employed;

b. the total number of gallons of coatings employed;

c. the number of gallons of mold release and cleanup material employed;

d. the highest organic compound content, in pounds per gallon, of the coating materials employed;

e. the organic compound content, in pounds per gallon, of the mold release, and cleanup materials;

f. the total organic compound emission rate for all coatings (utilizing the highest VOC content and the total number of coatings employed), mold release, and cleanup materials, in pounds.

g. the total number of hours the emissions unit was in operation; and

h. the average hourly organic compound emissions rate for all coatings, mold release, and cleanup materials, i.e., (f)/(g), in pounds per hour.

2. The permittee shall maintain a log of time(s) the dry exhaust gas filtration system is not functioning while the emissions unit is in operation.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include the following information:

a. An identification of each day during which the average hourly organic compound emissions exceeded 8.0 pounds per hour, and the actual hourly organic compound emissions for each such day.

b. An identification of each day during which the organic compound emissions exceeded 40.0 pounds per day, and the actual organic compound emissions for each such day.

2. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph A.1.c of the General Terms and Conditions.

V. Testing Requirements

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

1.a Emission Limitation-
8.0 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.b Emission Limitation-
40.0 lbs OC/day, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.

1.c Emission Limitation-
0.551 lb/hr Particulate

Applicable Compliance Method-
To determine the actual worst case emission rate for particulate matter, the following equation shall be used:

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

where,

E = particulate matter emissions rate (lbs/hr)

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

CE = control efficiency of the control equipment

VI. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 08-3045, as issued on July 13, 1994 and administratively modified on September 20, 1995: A.III.1, B.III.

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
Reaction Injection Molding Booth No. 18	OAC rule 3745-31-05 See Section A.VI	1.6 lbs/hr organic compounds, including cleanup materials and mold release

2. Additional Terms and Conditions

None

II. Operational Restrictions

None

III. Monitoring and/or Record Keeping Requirements

1. See.A.III.1.

IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which include an identification of each day during which the average hourly organic compound emissions exceeded 1.6 pounds per hour, and the actual hourly organic compound emissions for each such day. The quarterly deviation (excursion) reports shall be submitted in accordance with paragraph B.2 of the General Terms and Conditions.

V. Testing Requirements

1. Compliance with the emission limitation(s) in section B.I or these terms and conditions shall be determined in accordance with the following method(s):

1.a Emission Limitation-
1.6 lbs OC/hr, including mold release and cleanup

Applicable Compliance Method-
Compliance shall be based upon the recordkeeping specified in section A.III.1.

2. Formulation data or USEPA Method 24 shall be used to determine the organic compound content of the coatings, mold release, and cleanup materials.

VI. Miscellaneous Requirements

None

****

THIS IS THE LAST PAGE OF THE PERMIT

****