



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center  
50 West Town Street, Suite 700  
Columbus, OH 43215

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

Mailing Address:

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

12/26/07

CERTIFIED MAIL

**RE: Final Title V Chapter 3745-77  
permit**

08-57-77-0747  
Mullins Rubber Products, Inc.  
William R. Mullins Jr.  
P.O. Box 24830  
Dayton, OH 45424

Dear William R. Mullins:

Enclosed is the Title V permit that allows you to operate the facility in the manner indicated in the permit. Because this permit may contain several conditions and restrictions, we urge you to read it carefully.

The Ohio EPA is encouraging companies to investigate pollution prevention and energy conservation. Not only will this reduce pollution and energy consumption, but it can also save you money. If you would like to learn ways you can save money while protecting the environment, please contact our Office of Pollution Prevention at (614) 644-3469.

You are hereby notified that this action of the Director is final and may be appealed to the Environmental Review Appeals Commission pursuant to Section 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. The appeal must be filed with the Commission within thirty (30) days after notice of the Director's action. The appeal must be accompanied by a filing fee of \$70.00 which the Commission, in its discretion, may reduce if by affidavit you demonstrate that payment of the full amount of the fee would cause extreme hardship. Notice of the filing of the appeal shall be filed with the Director within three (3) days of filing with the Commission. Ohio EPA requests that a copy of the appeal be served upon the Ohio Attorney General's Office, Environmental Enforcement Section. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

If you have any questions, please contact RAPCA.

Sincerely,

Michael W. Ahern  
Permit Issuance and Data Management Section  
Division of Air Pollution Control

cc: RAPCA  
File, DAPC PIER



State of Ohio Environmental Protection Agency

FINAL TITLE V PERMIT

Issue Date: <b>12/26/07</b>	Effective Date: <b>01/16/08</b>	Expiration Date: <b>01/16/13</b>
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This document constitutes issuance of a Title V permit for Facility ID: 08-57-77-0747 to:

Mullins Rubber Products, Inc.  
2949 Valley St.  
Riverside, OH 45404

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

K001 (Metal and Plastic Parts Paint Booth) Metal and Plastic Parts Paint Booth	L002 (Baron Blakeslee Open Top Vapor Degreaser # 2) Baron Blakeslee Open Top Vapor Degreaser # 2	) Metal Preparatory Room Adhesive Coating Process
L001 (Baron Blakeslee Open Top Vapor Degreaser # 1) Baron Blakeslee Open Top Vapor Degreaser # 1	R001 (Metal Preparatory Room Adhesive Coating Process)	

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

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

RAPCA  
117 South Main Street  
Dayton, OH 45422-1280  
(937) 225-4435

Ohio Environmental Protection Agency

Chris Korleski  
Director

## PART I - GENERAL TERMS AND CONDITIONS

### A. State and Federally Enforceable Section

#### 1. Monitoring and Related Record Keeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.III of Part III of this Title V permit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

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

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

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

- i. **All reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations caused by malfunctions shall be submitted in the following manner:**

Any malfunction, as defined in OAC rule 3745-15-06(B)(1), shall be promptly reported to the Ohio EPA in accordance with OAC rule 3745-15-06. In addition, to fulfill the OAC rule 3745-77-07(A)(3)(c) deviation reporting requirements for malfunctions, written reports that identify each malfunction that occurred during each calendar quarter (including each malfunction reported only verbally in accordance with OAC rule 3745-15-06) shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year in accordance with General Term and Condition A.1.c.ii below; and each report shall cover the previous calendar quarter. (An exceedance of the visible emission limitations specified in OAC rule 3745-17-07(A)(1) that is caused by a malfunction is not a violation and does not need to be reported as a deviation if the owner or operator of the affected air contaminant source or air pollution control equipment complies with the requirements of OAC rule 3745-17-07(A)(3)(c).)

In accordance with OAC rule 3745-15-06, a malfunction reportable under OAC rule 3745-15-06(B) constitutes a violation of an emission limitation (or control requirement) and, therefore, is a deviation of the federally enforceable permit requirements. Even though verbal notifications and written reports are required for malfunctions pursuant to OAC rule 3745-15-06, the written reports required pursuant to this term must be submitted quarterly to satisfy the prompt reporting provision of OAC rule 3745-77-07(A)(3)(c).

In identifying each deviation caused by a malfunction, the permittee shall specify the emission limitation(s) (or control requirement(s)) for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation. For a specific malfunction, if this information has been provided in a written report that was submitted in accordance with

OAC rule 3745-15-06, the permittee may simply reference that written report to identify the deviation. Nevertheless, all malfunctions, including those reported only verbally in accordance with OAC rule 3745-15-06, must be reported in writing on a quarterly basis.

Any scheduled maintenance, as referenced in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described above for malfunctions.

*(Authority for term: OAC rule 3745-77-07(A)(3)(c))*

- ii. **Except as may otherwise be provided in the terms and conditions for a specific emissions unit, i.e., in Section A.IV of Part III of this Title V permit or, in some cases, in Part II of this Title V permit, all reporting required in accordance with OAC rule 3745-77-07(A)(3)(c) for deviations of the emission limitations, operational restrictions, and control device operating parameter limitations shall be submitted in the following manner:**

Written reports of (a) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, (b) the probable cause of such deviations, and (c) any corrective actions or preventive measures taken, shall be promptly made to the appropriate Ohio EPA District Office or local air agency. Except as provided below, the written reports shall be submitted (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

In identifying each deviation, the permittee shall specify the emission limitation(s), operational restriction(s), and/or control device operating parameter limitation(s) for which the deviation occurred, describe each deviation, and provide the estimated magnitude and duration of each deviation.

These written deviation reports shall satisfy the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations. Full compliance with OAC rule 3745-77-07(A)(3)(c) requires reporting of all other deviations of the federally enforceable requirements specified in the permit as required by such rule.

If an emissions unit has a deviation reporting requirement for a specific emission limitation, operational restriction, or control device operating parameter limitation that is not on a quarterly basis (e.g., within 30 days following the end of the calendar month, or within 30 or 45 days after the exceedance occurs), that deviation reporting requirement satisfies the reporting requirements specified in this General Term and Condition for that specific emission limitation, operational restriction, or control device parameter limitation. Following the provisions of that non-quarterly deviation reporting requirement will also satisfy (for the deviations so reported) the requirements of OAC rule 3745-77-07(A)(3)(c) pertaining to the submission of monitoring reports every six months and to the prompt reporting of all deviations, and additional quarterly deviation reports for that specific emission limitation, operational restriction, or control device parameter limitation are not required pursuant to this General Term and Condition.

See B.6 below if no deviations occurred during the quarter.

*(Authority for term: OAC rule 3745-77-07(A)(3)(c))*

- iii. **All reporting required in accordance with the OAC rule 3745-77-07(A)(3)(c) for other deviations of the federally enforceable permit requirements which are not reported in accordance with General Term and Condition A.1.c.ii above shall be submitted in the following manner:**

Unless otherwise specified by rule, written reports that identify deviations of the following federally enforceable requirements contained in this permit; General Terms and Conditions: A.2, A.3, A.4, A.6.e, A.7, A.12, A.14, A.18, A.19, A.20, and A.22 of Part I of this Title V permit, as well as any deviations from the requirements in Section A.V or A.VI of Part III of this Title V permit, and any monitoring, record keeping, and reporting requirements, which are not

reported in accordance with General Term and Condition A.1.c.ii above shall be submitted (i.e., postmarked) to the appropriate Ohio EPA District Office or local air agency by January 31 and July 31 of each year; and each report shall cover the previous six calendar months. Unless otherwise specified by rule, all other deviations from federally enforceable requirements identified in this permit shall be submitted annually as part of the annual compliance certification, including deviations of federally enforceable requirements not specifically addressed by permit or rule for the insignificant activities or emissions levels (IEU) identified in Part II.A of this Title V permit. Annual reporting of deviations is deemed adequate to meet the deviation reporting requirements for IEUs unless otherwise specified by permit or rule.

In identifying each deviation, the permittee shall specify the federally enforceable requirement for which the deviation occurred, describe each deviation, and provide the magnitude and duration of each deviation.

These semi-annual and annual written reports shall satisfy the reporting requirements of OAC rule 3745-77-07(A)(3)(c) for any deviations from the federally enforceable requirements contained in this permit that are not reported in accordance with General Term and Condition A.1.c.ii above.

If no such deviations occurred during a six-month period, the permittee shall submit a semi-annual report which states that no such deviations occurred during that period.

*(Authority for term: OAC rules 3745-77-07(A)(3)(c)(i) and (ii) and OAC rule 3745-77-07(A)(13)(b))*

- iv. Each written report shall be signed by a responsible official certifying that, "based on information and belief formed after reasonable inquiry, the statements and information in the report (including any written malfunction reports required by OAC rule 3745-15-06 that are referenced in the deviation reports) are true, accurate, and complete."  
*(Authority for term: OAC rule 3745-77-07(A)(3)(c)(iv))*
- v. Reports of any required monitoring and/or record keeping information shall be submitted to the appropriate Ohio EPA District Office or local air agency.  
*(Authority for term: OAC rule 3745-77-07(A)(3)(c))*

## 2. Scheduled Maintenance

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. Except as provided in OAC rule 3745-15-06(A)(3), any scheduled maintenance 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). Any scheduled maintenance, as defined in OAC rule 3745-15-06(A)(1), that results in a deviation from a federally enforceable emission limitation (or control requirement) shall be reported in the same manner as described for malfunctions in General Term and Condition A.1.c.i above.

*(Authority for term: OAC rule 3745-77-07(A)(3)(c))*

## 3. Risk Management Plans

If applicable, the permittee shall 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"); and, pursuant to 40 C.F.R. 68.215(a), the permittee shall submit either of the following:

- a. a compliance plan for meeting the requirements of 40 C.F.R. Part 68 by the date specified in 40 C.F.R. 68.10(a) and OAC 3745-104-05(A); or
- b. as part of the compliance certification submitted under 40 C.F.R. 70.6(c)(5), a certification statement that the source is in compliance with all requirements of 40 C.F.R. Part 68 and OAC Chapter 3745-104, including the registration and submission of the risk management plan.

*(Authority for term: OAC rule 3745-77-07(A)(4))*

**4. Title IV Provisions**

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

**5. Severability Clause**

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

**6. General Requirements**

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause, in accordance with A.10 below. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.
- f. Except as otherwise indicated below, this Title V permit, or permit modification, is effective for five years from the original effective date specified in the permit. In the event that this facility becomes eligible for non-title V permits, this permit shall cease to be enforceable upon final issuance of all applicable OAC Chapter 3745-35 operating permits and/or registrations for all subject emissions units located at the facility and:
  - i. the permittee submits an approved facility-wide potential to emit analysis supporting a claim that the facility no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on the permanent shutdown and removal of one or more emissions units identified in this permit; or
  - ii. the permittee no longer meets the definition of a "major source" as defined in OAC rule 3745-77-01(W) based on obtaining restrictions on the facility-wide potential(s) to emit that are federally enforceable or legally and practically enforceable ; or
  - iii. a combination of i. and ii. above.

The permittee shall comply with any residual requirements, such as quarterly deviation reports, semi-annual deviation reports, and annual compliance certifications covering the period during which this Title V permit was enforceable. All records relating to this permit must be maintained in accordance with law.

*(Authority for term: OAC rule 3745-77-01(W), OAC rule 3745-77-07(A)(3)(b)(ii), OAC rule 3745-77(A)(7))*

**7. Fees**

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

**8. Marketable Permit Programs**

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

**9. Reasonably Anticipated Operating Scenarios**

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

**10. Reopening for Cause**

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

- a. Additional applicable requirements under the Act become applicable to one or more emissions units covered by this permit, and this permit has a remaining term of three or more years. Such a reopening shall be completed not later than eighteen (18) months after promulgation of the applicable requirement. No such reopening is required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions has been extended pursuant to paragraph (E)(1) of OAC rule 3745-77-08.
- b. This permit is issued to an affected source under the acid rain program and additional requirements (including excess emissions requirements) become applicable. Upon approval by the Administrator, excess emissions offset plans shall be deemed to be incorporated into the permit, and shall not require a reopening of this permit.
- c. The Director of the Ohio EPA or the Administrator of the U.S. EPA determines that the federally applicable requirements in this permit are based on a material mistake, or that inaccurate statements were made in establishing the emissions standards or other terms and conditions of this permit related to such federally applicable requirements.
- d. The Administrator of the U.S. EPA or the Director of the Ohio EPA determines that this permit must be revised or revoked to assure compliance with the applicable requirements.

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

**11. Federal and State Enforceability**

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

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

**12. Compliance Requirements**

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

- b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:
- i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.
  - ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with paragraph (E) of OAC rule 3745-77-03.
  - iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.
  - iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.
- c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:
- i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.
  - ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.
- d. Compliance certifications concerning the terms and conditions contained in this permit that are federally enforceable emission limitations, standards, or work practices, shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) and the Administrator of the U.S. EPA in the following manner and with the following content:
- i. Compliance certifications shall be submitted annually on a calendar year basis. The annual certification shall be submitted (i.e., postmarked) on or before April 30th of each year during the permit term.
  - ii. Compliance certifications shall include the following:
    - (a) An identification of each term or condition of this permit that is the basis of the certification.
    - (b) The permittee's current compliance status.
    - (c) Whether compliance was continuous or intermittent.
    - (d) The method(s) used for determining the compliance status of the source currently and over the required reporting period.
    - (e) Such other facts as the Director of the Ohio EPA may require in the permit to determine the compliance status of the source.
  - iii. Compliance certifications shall contain such additional requirements as may be specified pursuant to sections 114(a)(3) and 504(b) of the Act.

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

### 13. Permit Shield

- a. Compliance with the terms and conditions of this permit (including terms and conditions established for alternate operating scenarios, emissions trading, and emissions averaging, but excluding terms and

conditions for which the permit shield is expressly prohibited under OAC rule 3745-77-07) shall be deemed compliance with the applicable requirements identified and addressed in this permit as of the date of permit issuance.

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

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

**14. Operational Flexibility**

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

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

**15. Emergencies**

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

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

**16. Off-Permit Changes**

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

- a. The change does not result in conditions that violate any applicable requirements or that violate any existing federally enforceable permit term or condition.
- b. The permittee provides contemporaneous written notice of the change to the Director and the Administrator of the U.S. EPA, except that no such notice shall be required for changes that qualify as insignificant emissions levels or activities as defined in OAC rule 3745-77-01(U). Such written notice shall describe each such change, the date of such change, any change in emissions or pollutants emitted, and any federally applicable requirement that would apply as a result of the change.
- c. The change shall not qualify for the permit shield under OAC rule 3745-77-07(F).
- d. The permittee shall keep a record describing all changes made at the source that result in emissions of a regulated air pollutant subject to an applicable requirement, but not otherwise regulated under the permit, and the emissions resulting from those changes.
- e. The change is not subject to any applicable requirement under Title IV of the Act or is not a modification under any provision of Title I of the Act.

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

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

**17. Compliance Method Requirements**

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

*(This term is provided for informational purposes only.)*

**18. Insignificant Activities or Emissions Levels**

Each IEU that has one or more applicable requirements shall comply with those applicable requirements.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

**19. Permit to Install Requirement**

Prior to the "installation" or "modification" of any "air contaminant source," as those terms are defined in OAC rule 3745-31-01, a permit to install must be obtained from the Ohio EPA pursuant to OAC Chapter 3745-31.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

**20. Air Pollution Nuisance**

The air contaminants emitted by the emissions units covered by this permit shall not cause a public nuisance, in violation of OAC rule 3745-15-07.

*(Authority for term: OAC rule 3745-77-07(A)(1))*

**21. Permanent Shutdown of an Emissions Unit**

The permittee may notify Ohio EPA of any emissions unit that is permanently shut down by submitting a certification from the responsible official that identifies the date on which the emissions unit was permanently shut down. Authorization to operate the affected emissions unit shall cease upon the date certified by the responsible official that the emissions unit was permanently shut down.

After the date on which an emissions unit is permanently shut down (i.e., that has been physically removed from service or has been altered in such a way that it can no longer operate without a subsequent "modification" or "installation" as defined in OAC Chapter 3745-31 and therefore ceases to meet the definition of an "emissions unit" as defined in OAC rule 3745-77-01(O)), rendering existing permit terms and conditions irrelevant, the permittee shall not be required, after the date of the certification and submission to Ohio EPA, to meet any Title V permit requirements applicable to that emissions unit, except for any residual requirements, such as the quarterly deviation reports, semi-annual deviation reports and annual compliance certification covering the period during which the emissions unit last operated. All records relating to the shutdown emissions unit, generated while the emissions unit was in operation, must be maintained in accordance with law.

No emissions unit certified by the responsible official as being permanently shut down may resume operation without first applying for and obtaining a permit to install pursuant to OAC Chapter 3745-31.

*(Authority for term: OAC rule 3745-77-01)*

**22. Title VI Provisions**

If applicable, the permittee shall comply with the standards for recycling and reducing emissions of ozone depleting substances pursuant to 40 CFR Part 82, Subpart F, except as provided for motor vehicle air conditioners in Subpart B of 40 CFR Part 82:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices specified in 40 CFR 82.156.
- b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment specified in 40 CFR 82.158.
- c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to 40 CFR 82.161.

*(Authority for term: OAC rule 3745-77-01(H)(11))*

**B. State Only Enforceable Section**

**1. Reporting Requirements Related to Monitoring and Record Keeping Requirements**

The permittee shall submit required reports in the following manner:

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

**2. Records Retention Requirements**

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

**3. Inspections and Information Requests**

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

**4. Scheduled Maintenance/Malfunction Reporting**

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

**5. Permit Transfers**

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

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

If no emission limitation (or control requirement), operational restriction and/or control device parameter limitation 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 (i.e., postmarked) by January 31, April 30, July 31, and October 31 of each year; and each report shall cover the previous calendar quarter.

The permittee is not required to submit a quarterly report which states that no deviations occurred during that quarter for the following situations:

- a. where an emissions unit has deviation reporting requirements for a specific emission limitation, operational restriction, or control device parameter limitation that override the deviation reporting requirements specified in General Term and Condition A.1.c.ii; or
- b. where an uncontrolled emissions unit has no monitoring, record keeping, or reporting requirements and the emissions unit's applicable emission limitations are established at the potentials to emit; or
- c. where the company's responsible official has certified that an emissions unit has been permanently shut down.

## **Part II - Specific Facility Terms and Conditions**

### **A. State and Federally Enforceable Section**

**1. 40 CFR Part 63, Subpart A**

The permittee is subject to the general requirements specified in 40 CFR Part 63, Subpart A in accordance with 40 CFR Part 63, Subpart A (including the Table(s) and Appendix(ices) referenced in Subpart A) which are included in the text of Attachment 1 hereto, and are hereby incorporated into this permit as if fully written.

Ordinarily, these requirements would be incorporated into Part III of this permit; however, incorporating Subpart A into Part III of this permit was not practical due to technical incompatibilities and the limitations of the STARS program. In addition, numerous difficulties were encountered in attempting to copy and paste the Subpart's tables and/or equations into STARS format.

**2. 40 CFR Part 63, Subpart M MMM**

The permittee is subject to the applicable emission limitation(s) and/or control measures, operational restrictions, monitoring and/or record keeping requirements, reporting requirements, testing requirements and the general and/or other requirements specified in of Subpart M MMM of 40 CFR Part 63 (Miscellaneous Metal Parts & Products) in accordance with 40 CFR Parts 63.3880 - 63.3981 (including the Table(s) and Appendix(ices) referenced in Subpart M MMM) which are included in the text of Attachment 2 hereto, and are hereby incorporated into this permit as if fully written.

Ordinarily, these requirements would be incorporated into Part II of this Title V permit; however, incorporating Subpart M MMM into Part II of this Title V permit was not practical due to technical incompatibilities and the limitations of the STARS program. In addition, numerous difficulties were encountered in attempting to copy and paste the Subpart's tables and/or equations into STARS format.

[Authority for Term: OAC rule 3745-77-07(A)(1)]

**3. 40 CFR Part 63, Subpart P PPP**

The permittee is subject to the applicable emission limitation(s) and/or control measures, operational restrictions, monitoring and/or record keeping requirements, reporting requirements, testing requirements and the general and/or other requirements specified in of Subpart P PPP of 40 CFR Part 63 (Plastic Parts and Products) in accordance with 40 CFR Parts 63.4480 - 63.4581 (including the Table(s) and Appendix(ices) referenced in Subpart P PPP) which are included in the text of Attachment 3 hereto, and are hereby incorporated into this permit as if fully written.

Ordinarily, these requirements would be incorporated into Part II of this Title V permit; however, incorporating Subpart P PPP into Part II of this Title V permit was not practical due to technical incompatibilities and the limitations of the STARS program. In addition, numerous difficulties were encountered in attempting to copy and paste the Subpart's tables and/or equations into STARS format.

[Authority for Term: OAC rule 3745-77-07(A)(1)]

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

B001 - Hurst Natural Gas Boiler (6.2 mmBtu/hr)  
Z013 - Boiler #2 (6.3 mmBtu/hr)

**B. State Only Enforceable Section**

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements (as defined in OAC rule 3745-77-01(H) or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

P002 - Grinders System #1  
P003 - Grinders System #2  
P005 - Mixing Mill #1  
P006 - Mixing Mill #2  
P007 - Mixing Mill #3  
Z001 - Adhesive Room Grinder #1  
Z002 - Adhesive Room Grinder #2  
Z003 - Adhesive Room Grinder #3  
Z004 - Press Room 1 Transfer and Compression Molding Presses  
Z005 - Press Room 2 Transfer and Compression Molding Presses  
Z006 - Press Room 3 Transfer and Compression Molding Presses  
Z007 - Press Room 4 Transfer and Compression Molding Presses  
Z008 - Preform Mill #4  
Z009 - Mixing Mill #5  
Z010 - Gray Mills DM 132 Cold Cleaner  
Z011 - Econaire Glass Bead Blaster  
Z012 - Press Mold Blast Booth

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Metal and Plastic Parts Paint Booth (K001)  
**Activity Description:** Metal and Plastic Parts Paint Booth

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

- 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
K001-Metal and Plastic Parts Paint Booth	OAC rule 3745-31-05(A)(3) PTI 08-04782	The VOC emissions from emissions unit K001 shall not exceed 11.76 tons per year (TPY) including both coatings and cleanup materials.  The particulate emissions (PE) from this emissions unit shall not exceed 0.551 lb/hr and 2.41 tons per year.  The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-11(B)(1), OAC rule 3745-17-07(A)(1), OAC rule 3745-21-09(U)(2)(e)(i), OAC rule 3745-21-07(G)(2) and 40 CFR Part 63, Subpart A, Subparts Mmmm and Pppp.
	OAC rule 3745-21-07(G)(2)	On the days when coating nonmetal parts the organic compound (OC) emissions from this emissions unit shall not exceed 8 pounds per hour and 40 pounds per day.
	OAC rule 3745-21-09(U)(2)(e)(i)	On the days when coating metal parts, the maximum daily coating usage shall not exceed 8 gallons of coating.
	OAC rule 3745-17-11(B)(1)	The requirements established pursuant to this rule are equivalent to the short term particulate emission limitation included in OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)(1)	The visible PE from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
	40 CFR Part 63, Subpart A General Provisions	See the Specific Facility Terms and Conditions - Part II section A.1.
	40 CFR Part 63, Subpart M MMM Miscellaneous Metal Parts & Products	See the Specific Facility Terms and Conditions - Part II section A.2.
	40 CFR Part 63, Subpart P PPP Plastic Parts and Products	See the Specific Facility Terms and Conditions - Part II section A.3.

**2. Additional Terms and Conditions**

**2.a** All the coatings and cleanup materials employed in this emissions unit are photochemically reactive materials. Therefore, no record keeping requirements are necessary to document whether the coatings and/or cleanup materials are photochemically reactive materials.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04782]

**2.b** The 8 lbs OC/hr emission limitation was established for PTI purposes to reflect the potential to emit for this emission unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04782]

**II. Operational Restrictions**

1. The permittee shall operate the dry filtration system for the control of particulate emissions whenever the paint spraying application associated with this emissions unit is in operation.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04782]

**III. Monitoring and/or Record Keeping Requirements**

1. The permittee shall collect and record the following information each day for this emissions unit.
  - a. The name and identification of each coating employed (including whether it is used for metal or nonmetal parts) and cleanup material employed.
  - b. On days when coating nonmetal parts the volume, in gallons, of each coating employed.
  - c. On the days when coating metal parts, the total volume, in gallons, of all the coatings employed for the coating of metal parts.
  - d. The volume, in gallons of each cleanup material employed.
  - e. The OC content of each coating and cleanup material employed, in pounds per gallon.
  - f. The total OC emissions rate for all coating and cleanup materials employed, (when coating nonmetal parts) [i.e., summation of (b x e) for all coatings plus (d x e) for all cleanup materials], in pounds.
  - g. The total OC emissions from all the coatings and cleanup materials, in pounds (when coating metals) [i.e., summation of (c x e) for all coatings plus (d x e) for all cleanup materials], in pounds.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

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

2. The permittee shall calculate and record the total annual OC emissions from coatings and cleanup materials, [i.e, the sum of the daily OC emissions rates from the coating and cleanup materials for the calendar year in section III.1.f. plus section III.1.g ].

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

3. The permittee shall maintain daily records that document any time periods when the dry filtration system was not in service when the paint spraying application associated with this emissions unit was in operation.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

### IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage restriction of 8 gallons. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the exceedance occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

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

- a. An identification of each day during which the OC emissions from the coatings and cleanup materials (when coating nonmetals) exceeded 40 pounds per day, and the actual OC emissions for each such day.

These quarterly deviation (excursion) reports shall be submitted to the Director (the appropriate District Office or local air agency) by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarter. If no deviation occurred during a calendar quarter, the permittee shall submit a report which states that no deviation occurred during the calendar quarter.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

3. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any record showing that the dry filtration system was not in service when the paint spraying application associated with this emissions unit was in operation. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 30 days after the event occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

4. The permittee shall submit annual reports that specify the total actual annual OC emissions from this emissions unit for the previous calendar year. The reports shall be submitted by April 15 of each year. This reporting requirement may be satisfied by including and identifying the specific emission data for this emissions unit in the annual Fee Emission Report.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

### V. Testing Requirements

1. Compliance with the emission limitations in Section A.I.1. of these terms and conditions shall be determined in accordance with the following methods:

- 1.a Emission Limitation:

On the days when coating metal parts the maximum daily coating usage not exceeding 8 gallons of coating in any one day.

Applicable Compliance Method:

Compliance shall be based upon the record keeping specified in Section III.1.c.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

**V. Testing Requirements (continued)**

**1.b** Emissions Limitation:  
On the days when coating nonmetal parts the OC emissions from this emissions unit shall not exceed 8 pounds per hour.

Applicable Compliance Method-  
Compliance may be determined as follows:

- i. multiply the maximum OC content of all the coatings\* employed (lbs/gallon) by the maximum hourly coating usage rate\* (gallons/hr);
- ii. multiply the maximum OC content of all the cleanup materials\* employed (lbs/gallon) by the maximum hourly cleanup materials usage rate\* (gallons/hr); and
- iii. sum A.V.1.b.i + A.V.1.b.ii.

If required, compliance with the hourly allowable OC emission limitation shall be demonstrated in accordance with Methods 18, 25, or 25A, as appropriate, of 40 CFR, Part 60, Appendix A.

\* Include the coatings and cleanup materials used only for the non-metal parts.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

**1.c** Emissions Limitation:  
On the days when coating nonmetal parts the OC emissions from this emissions unit shall not exceed 40 pounds per day.

Applicable Compliance Method-  
Compliance shall be based upon the record keeping specified in Section III.1.f.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

**1.d** Emissions Limitation:  
The VOC emissions from emissions unit K001 shall not exceed 11.76 tons per year (TPY) including both coatings and cleanup materials.

Applicable compliance Method:  
Compliance shall be based upon the record keeping specified in Section III.2.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

## V. Testing Requirements (continued)

- 1.e** Emission Limitation:  
The PE from this emissions unit shall not exceed 0.551 lb/hr.

Applicable Compliance Method:

To determine the worst case PE rate, the following equation shall be used:

$$E = \text{maximum coating solids usage rate, in pounds per hour,} \times (1-TE) \times (1-CE)$$

where E = PE rate (lbs/hr);

TE = fractional transfer efficiency, which is the ratio of the amount of coating solids deposited on the coated part to the amount of coating solids used (0.55); and

CE = fractional control efficiency of the control equipment (0.99).

When requested by the Ohio EPA, the permittee shall demonstrate compliance with the above emissions limitation pursuant to OAC rule 3745-17-03(B)(10).

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

- 1.f** Emission Limitation:  
The particulate emissions (PE) from this emissions unit shall not exceed 2.41 tons/yr.

Applicable Compliance Method:

The annual allowable PE limitation was developed by multiplying the hourly allowable PE limitation by the maximum operating schedule of 8760 hours/yr and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

- 1.g** Emission Limitation:  
Visible PE from any stack serving this emissions unit shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

When requested by the Ohio EPA, compliance with the above visible emission limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference Method 9.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

- 2.** In accordance with OAC rule 3745-21-04(B)(5), facilities located in Ashtabula, Butler, Clark, Clermont, Cuyahoga, Delaware, Franklin, Geauga, Greene, Hamilton, Lake, Licking, Lorain, Lucas, Mahoning, Medina, Miami, Montgomery, Portage, Stark, Summit, Trumbull, Warren and Wood Counties shall use USEPA Method 24 to determine the VOC contents of the coatings. If an owner or operator determines that Method 24 cannot be used for a particular coating, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24.

US EPA Method 24 or formulation data shall be used to determine the VOC contents of the cleanup materials.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04782]

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**2. Additional Terms and Conditions**

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Baron Blakeslee Open Top Vapor Degreaser # 1 (L001)

**Activity Description:** Baron Blakeslee Open Top Vapor Degreaser # 1

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
L001-trichloroethylene open top vapor degreaser, with freeboard refrigeration device, reduced room draft and a freeboard ratio of 1.0	OAC rule 3745-31-05(A)(3) PTI 08-04352	The requirements of this rule also include compliance with the requirements of 40 CFR, Part 63, Subpart A and Subpart T.  The volatile organic compound (VOC) emissions shall not exceed 21.0 tons/yr [for emissions units L001 and L002, combined]
	OAC rule 3745-21-09(O)(3)	See A.I.2.f.
	40 CFR, Part 63, Subpart T Halogenated Solvent cleaning (degreaser)	exempt, pursuant to OAC rule 3745-21-09(O)(6) (See A.I.2.e.) See A.I.2.a through d, f, and A.II.
	40 CFR Part 63, Subpart A General Provisions	See the Specific Facility Terms and Conditions - Part II sections A.1.

##### 2. Additional Terms and Conditions

- 2.a The permittee shall maintain a freeboard with a freeboard ratio equal to 1.0 or greater.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

- 2.b The permittee shall ensure that the chilled air blanket temperature (in degrees Fahrenheit), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

## **2. Additional Terms and Conditions (continued)**

**2.c** The permittee shall comply with the following requirements:

- i. Ensure that the flow or movement of air within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures outlined in the "Monitoring and/or Recordkeeping Requirements" section of this permit.
- ii. Establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.d** The permittee shall ensure that the solvent cleaning machine conforms to the following design requirements:

- i. The solvent cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.
- ii. The solvent cleaning machine shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.
- iii. The solvent cleaning machine shall have a primary condenser.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.e** The exemption allowed in accordance with OAC rule 3745-21-09(O)(6) is not currently part of the federally-approved SIP. During the rulemaking process, Ohio EPA received confirmation from USEPA concerning the acceptability of this exemption. Therefore, this exemption will be considered to be federally enforceable while SIP approval by USEPA is being obtained.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.f** After May 3rd, 2010 the facility must ensure that the total emissions of trichloroethylene (TCE) used at the affected facility is equal to or less than the applicable facility-wide 12-month rolling total emission limit of 14,100 kg (15.54 tons).

[Authority for Term: OAC rule 3745-77-07(A)(1) and 40 CFR 63.471(b)(2)]

**2.g** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of every month, demonstrate compliance with the applicable facility-wide emission limit on a 12-month rolling total basis as specified in Section A.I.2.f, using the procedures in Section A.III.7 through 11. For purposes of these paragraphs, "each solvent cleaning machine" means each solvent cleaning machine that is part of an affected facility.

[Authority for Term: OAC rule 3745-77-07(A)(1) and 40 CFR 63.471(c)]

## II. Operational Restrictions

1. The permittee shall meet all of the following required work and operational practices:
  - a. Control air disturbances across the solvent cleaning machine opening by employing a reduced room draft that ensures that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures described in the "Monitoring and/or Recordkeeping Requirements" section of this permit. The permittee shall also establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less as described in the "Monitoring and/or Recordkeeping Requirements" section of this permit.
  - b. The parts baskets or the parts being cleaned in the solvent cleaning machine shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meter per minute (3 feet per minute) or less.
  - c. Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine).
  - d. Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes must be tipped or rotated before being removed from the solvent cleaning machine unless an equally effective approach has been approved by the Director (the appropriate District Office or local air agency).
  - e. Parts baskets or parts shall not be removed from the solvent cleaning machine until dripping has stopped.
  - f. During startup of the solvent cleaning machine, the primary condensers shall be turned on before the sump heater.
  - g. During shutdown of the solvent cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.
  - h. When solvent is added or drained from the solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.
  - i. The solvent cleaning machine and its associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the satisfaction of the Director (the appropriate District Office or local air agency) to achieve the same or better results as those recommended by the manufacturer.
  - j. The permittee shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in 40 CFR Part 63, Subpart T, Appendix A if requested during an inspection by the Director (the appropriate District Office or local air agency).
  - k. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but must not allow liquid solvent to drain from the container.
  - l. Sponges, fabric, wood, and paper products shall not be cleaned.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for emissions units L001 and L002, combined:

- a. The number of gallons of trichloroethylene used.
- b. The number of gallons of trichloroethylene disposed of as waste.
- c. The OC emission rate, in tons, calculated as follows:

$$E = (L_s - L_w) \times D / 2000$$

$$E = \text{OC rate (tons/month)}$$

$L_s$  = liquid volume of trichloroethylene solvent employed (gallons/month)

$L_w$  = liquid volume of trichloroethylene solvent sent off-site as waste (gallons/month)

$D$  = density of trichloroethylene solvent (pounds/gallon).

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

2. The permittee shall conduct monitoring and record the results on a weekly basis for the freeboard refrigeration device by using a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

3. The permittee shall conduct an initial monitoring test of the wind speed and of room parameters, quarterly monitoring of wind speed, and weekly monitoring of room parameters as specified below:

- a. Measure the wind speed within 6 inches above the top of the freeboard area of the solvent cleaning machine as follows:

- i. Determine the direction of the wind current by slowly rotating a velometer or similar device until the maximum speed is located.
- ii. Orient a velometer in the direction of the wind current at each of the four corners of the machine.
- iii. Record the reading for each corner.
- iv. Average the values obtained at each corner and record the average wind speed.

- b. Monitor on a weekly basis the room parameters established during the initial compliance test that are used to achieve the reduced room draft.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

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

4. The permittee shall monitor the hoist speed as described below:
- The permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute).
  - The permittee shall conduct monthly monitoring of the hoist speed. If after the first year, no exceedances of the hoist speed are measured, the permittee may begin monitoring the hoist speed quarterly.
  - If an exceedance of the hoist speed occurs during quarterly monitoring, the permittee shall return to a monthly monitoring frequency until another year of compliance without an exceedance is demonstrated.
  - If the permittee can demonstrate to the satisfaction of the Director (the appropriate District Office or local air agency) in the initial compliance report that the hoist speed cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year of compliance.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

5. The permittee shall maintain the following records in written or electronic form for the lifetime of the solvent cleaning machine:
- Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
  - The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for the installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.
  - Records of the halogenated HAP solvent content for the solvent used in the solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

6. The permittee shall maintain the following records in written or electronic form for a period of five years for the solvent cleaning machine:
- The results of control device monitoring required in this section of the permit.
  - Information on the actions taken to comply with 40 CFR 63.463 (e) and (f), including records of written or verbal orders for replacement parts, a description of the repair made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels.
  - Estimates of annual trichloroethylene consumption for the solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

7. Effective after May 3rd, 2010

Each owner or operator of an affected facility shall, on the first operating day of every month, ensure that each solvent cleaning machine system contains only clean liquid solvent. This includes, but is not limited to, fresh unused solvent, recycled solvent, and used solvent that has been cleaned of soiled materials. A fill line must be indicated during the first month the measurements are made. The solvent level within the machine must be returned to the same fill-line each month, immediately prior to calculating monthly emissions as specified in Section A.III. 8 and 9. The solvent cleaning machine does not have to be emptied and filled with fresh unused solvent prior to the calculations.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(1)]

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

**8.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall, on the first operating day of the month, using the records of all solvent additions and deletions for the previous month, determine solvent emissions (Eunit) from each solvent cleaning machine using equation 10:

$$E_{unit} = S A_i - L S R_i - S S R_i \text{ (Eq.10)}$$

Where:

Eunit= the total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

SAi= the total amount of halogenated HAP liquid solvent added to the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

LSRi= the total amount of halogenated HAP liquid solvent removed from the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

SSRi= the total amount of halogenated HAP solvent removed from the solvent cleaning machine in solid waste, obtained as described in Section A.III.9, during the most recent month i, (kilograms of solvent per month).

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(2)]

**9.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall, on the first operating day of the month, determine SSRi using the method specified in i. or ii.

i. From tests conducted using EPA reference method 25d.

ii. By engineering calculations included in the compliance report.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(3)]

**10.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of the month, after 12 months of emissions data are available, determine the 12-month rolling total emissions, ETunit, for the 12-month period ending with the most recent month using equation 11:

ETunit = the sum of halogenated HAP solvent emissions for each month for the most recent 12 months , Eunit (kilograms of solvent per month). (Eq.11)

Where:

ETunit= the total halogenated HAP solvent emissions over the preceding 12 months, (kilograms of solvent emissions per 12-month period).

Eunit= halogenated HAP solvent emissions for each month for the most recent 12 months (kilograms of solvent per month).

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(4)]

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

11. Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of the month, after 12 months of emissions data are available, determine the 12-month rolling total emissions,  $ET_{\text{facility}}$ , for the 12-month period ending with the most recent month using equation 12:

$ET_{\text{facility}}$  = the sum of the total halogenated HAP solvent emissions over the preceding 12 months for all  $ET_{\text{unit}}$  at the facility (kilograms of solvent emissions per 12-month period). (Eq.12.)

Where:

$ET_{\text{facility}}$  = the total halogenated HAP solvent emissions over the preceding 12 months for all cleaning machines at the facility, (kilograms of solvent emissions per 12-month period).

$ET_{\text{unit}}$  = the total halogenated HAP solvent emissions over the preceding 12 months for each unit (kilograms of solvent emissions per 12-month period).

- a. If the applicable facility-wide emission limit of 14,100 Kg (15.54 tons) TCE on a 12 month rolling total is not met, an exceedance has occurred. All exceedances shall be reported as required in Section IV.2.
- b. Each owner or operator of an affected facility shall maintain records specified below in electronic or written form for a period of 5 years. For purposes of this paragraph, "each solvent cleaning machine" means each solvent cleaning machine that is part of an affected facility regulated by this section.
  - i. The dates and amounts of solvent that are added to each solvent cleaning machine.
  - ii. The solvent composition of wastes removed from each solvent cleaning machines as determined using the procedure described in Section A.III.9.
  - iii. Calculation sheets showing how monthly emissions and the 12-month rolling total emissions from each solvent cleaning machine were determined, and the results of all calculations.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(5)]

### IV. Reporting Requirements

1. The permittee shall submit an annual report by February 1 of each year for the preceding year. Each annual report shall contain the following:
  - a. A signed statement from the facility owner or their designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required pursuant to 40 CFR 63.463 (d) (10)."
  - b. An estimate of solvent consumption during the reporting period.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

2. The permittee shall submit an exceedance report on a semiannual basis. If the temperature of the chilled air blanket, measured at the center of the air blanket, was greater than 30% of the solvent's boiling point, and no correction was made within 15 days of detection and/or if no operation conditions were established under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) and/or if the flow of air across the top of the freeboard area of the cleaning machine or within the solvent cleaning machine enclosure exceeded 15.2 meters/minute and no correction was made within 15 days of detection, the permittee shall begin to submit a quarterly report until such time that the permittee requests and receives approval of a less frequent reporting frequency from the Director (the appropriate District Office or local air agency). Each exceedance report shall be delivered or post marked by the 30th day following the reporting period. The exceedance report shall include the following applicable information:

#### **IV. Reporting Requirements (continued)**

- a. The reason and a description of the exceedance and action(s) taken to comply with 40 CFR 63.463 (e) and (f) including written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels
- b. If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.
- c. If no exceedance of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

3. An owner or operator who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the following conditions are met:
  - a. The affected source has demonstrated a full year of compliance without an exceedance.
  - b. The owner or operator continues to comply with all relevant record keeping and monitoring requirements specified in 40 CFR 63.1 Subpart A (General Provisions) and in 40 CFR 63, Subpart T.
  - c. The Administrator does not object to a reduced frequency of reporting for the affected source as provided in paragraph (e)(3)(iii) of 40 CFR 63.1 Subpart A (General Provisions).
4. Each owner or operator of an affected facility shall submit an initial notification report to the Administrator no later than May 3, 2010. This report shall include the following information:
  - a. The name and address of the owner or operator of the affected facility.
  - b. The address ( i.e. , physical location) of the solvent cleaning machine(s) that is part of an affected facility regulated by this section.
  - c. A brief description of each solvent cleaning machine at the affected facility including machine type (batch vapor, batch cold, vapor in-line or cold in-line), solvent/air interface area, and existing controls.
  - d. The date of installation for each solvent cleaning machine.
  - e. An estimate of annual halogenated HAP solvent consumption for each solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(f)]

5. Each owner or operator of an affected facility shall submit to the Administrator an initial statement of compliance on or before May 3, 2010. The statement shall include following information:
  - a. The name and address of the owner or operator of the affected facility.
  - b. The address ( i.e. , physical location) of each solvent cleaning machine that is part of an affected facility regulated by this section.
  - c. The results of the first 12-month rolling total emissions calculation.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(g)]

#### **IV. Reporting Requirements (continued)**

6. Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall submit a solvent emission report every year. This solvent emission report shall contain the following requirements:

- a. The average monthly solvent consumption for the affected facility in kilograms per month.
- b. The 12-month rolling total solvent emission estimates calculated each month using the method as described in Sections A.III.10 and A.III.11.
- c. This report can be combined with the annual report due February 1st of the year into a single report for the facility.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(h)]

7. The permittee shall submit annual reports that specify the total OC emissions from emissions units L001 and L002, combined, for the previous calendar year. These reports shall be submitted along with the "Fee Emissions Report" required pursuant to OAC rule 3745-78-02(A) by April 15th.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

#### **V. Testing Requirements**

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

- 1.a Emission Limitation-  
The VOC emissions shall not exceed 21.0 tons/yr [for emissions units L001 and L002, combined].

Applicable Compliance Method -  
Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

- 1.b Emission Limitation-  
The facility-wide emission limit for all affected facilities shall not exceed 14,100 Kg (15.54 tons) TCE based on a 12-month rolling total.

Applicable Compliance Method-  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.10 and A.III.11.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(b)(2)]

2. The permittee shall determine the facility's potential to emit (PTE) from all solvent cleaning operations. A facility's total PTE is the sum of the HAP emissions from all solvent cleaning operations plus all HAP emissions from other emissions units from within the facility. The potential to emit shall be determined in accordance with the following procedures:

## V. Testing Requirements (continued)

- a. Determine the potential to emit for each individual solvent cleaning machine using the following equation:

$$PTE_i = H_i \times W_i \times SAI_i$$

Where:

$PTE_i$  = the potential to emit for the solvent cleaning machine  $i$  (kilograms solvent per year).

$H_i$  = hours of operation for solvent cleaning machine  $i$  (hours per year) [8760 hours per year, unless otherwise restricted by a federally enforceable requirement].

$W_i$  = the working mode uncontrolled emission rate [1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines or 1.12 kilograms per square meter per hour for in-line cleaning machines].

$SAI_i$  = solvent/air interface area of solvent cleaning machine  $i$  (square meters). Section 63.461 defines the solvent/air interface area for those machines that have a solvent /air interface. Cleaning machines that do not have a solvent area interface shall calculate a solvent/air interface area using the procedure in paragraph b below.

- b. Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using the following equation:

$$SAI = 2.2 * (Vol)^{0.6}$$

Where:

$SAI$  = the solvent/air interface area (square meters).

$Vol$  = the cleaning capacity of the solvent cleaning machine (cubic meters).

- c. Sum the  $PTE_i$  for all solvent cleaning operations to obtain the total potential to emit for solvent cleaning operations at the facility.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**2. Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Record Keeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Baron Blakeslee Open Top Vapor Degreaser # 2 (L002)  
**Activity Description:** Baron Blakeslee Open Top Vapor Degreaser # 2

#### A. State and Federally Enforceable Section

##### I. Applicable Emissions Limitations and/or Control Requirements

- 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
L002-trichloroethylene open top vapor degreaser, with freeboard refrigeration device, reduced room draft and a freeboard ratio of 1.0	OAC rule 3745-31-05(A)(3) PTI 08-04352	The requirements of this rule also include compliance with the requirements of 40 CFR, Part 63, Subpart A and Subpart T.  The volatile organic compound (VOC) emissions shall not exceed 21.0 tons/yr [for emissions units L001 and L002, combined]
	OAC rule 3745-21-09(O)(3)	See A.I.2.f.
	40 CFR, Part 63, Subpart T Halogenated Solvent cleaning (degreaser)	exempt, pursuant to OAC rule 3745-21-09(O)(6) (See A.I.2.e.) See A.I.2.a through d, f, and A.II.
	40 CFR Part 63, Subpart A General Provisions	See the Specific Facility Terms and Conditions - Part II sections A.1.

##### 2. Additional Terms and Conditions

- The permittee shall maintain a freeboard with a freeboard ratio equal to 1.0 or greater.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

- The permittee shall ensure that the chilled air blanket temperature (in degrees Fahrenheit), measured at the center of the air blanket, is no greater than 30 percent of the solvent's boiling point.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

## **2. Additional Terms and Conditions (continued)**

**2.c** The permittee shall comply with the following requirements:

- i. Ensure that the flow or movement of air within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures outlined in the "Monitoring and/or Recordkeeping Requirements" section of this permit.
- ii. Establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.d** The permittee shall ensure that the solvent cleaning machine conforms to the following design requirements:

- i. The solvent cleaning machine shall have an automated parts handling system capable of moving parts or parts baskets at a speed of 3.4 meters per minute (11 feet per minute) or less from the initial loading of parts through removal of cleaned parts.
- ii. The solvent cleaning machine shall be equipped with a vapor level control device that shuts off sump heat if the vapor level in the vapor cleaning machine rises above the height of the primary condenser.
- iii. The solvent cleaning machine shall have a primary condenser.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.e** The exemption allowed in accordance with OAC rule 3745-21-09(O)(6) is not currently part of the federally-approved SIP. During the rulemaking process, Ohio EPA received confirmation from USEPA concerning the acceptability of this exemption. Therefore, this exemption will be considered to be federally enforceable while SIP approval by USEPA is being obtained.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

**2.f** After May 3rd, 2010 the facility must ensure that the total emissions of trichloroethylene (TCE) used at the affected facility is equal to or less than the applicable facility-wide 12-month rolling total emission limit of 14,100 kg (15.54 tons).

[Authority for Term: OAC rule 3745-77-07(A)(1) and 40 CFR 63.471(b)(2)]

**2.g** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of every month, demonstrate compliance with the applicable facility-wide emission limit on a 12-month rolling total basis as specified in Section A.I.2.f, using the procedures in Section A.III.7 through 11. For purposes of these paragraphs, "each solvent cleaning machine" means each solvent cleaning machine that is part of an affected facility.

[Authority for Term: OAC rule 3745-77-07(A)(1) and 40 CFR 63.471(c)]

## II. Operational Restrictions

1. The permittee shall meet all of the following required work and operational practices:
  - a. Control air disturbances across the solvent cleaning machine opening by employing a reduced room draft that ensures that the flow or movement of air across the top of the freeboard area of the solvent cleaning machine or within the solvent cleaning machine enclosure does not exceed 15.2 meters per minute (50 feet per minute) at any time as measured using the procedures described in the "Monitoring and/or Recordkeeping Requirements" section of this permit. The permittee shall also establish and maintain the operating conditions under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) or less as described in the "Monitoring and/or Recordkeeping Requirements" section of this permit.
  - b. The parts baskets or the parts being cleaned in the solvent cleaning machine shall not occupy more than 50 percent of the solvent/air interface area unless the parts baskets or parts are introduced at a speed of 0.9 meter per minute (3 feet per minute) or less.
  - c. Any spraying operations shall be done within the vapor zone or within a section of the solvent cleaning machine that is not directly exposed to the ambient air (i.e., a baffled or enclosed area of the solvent cleaning machine).
  - d. Parts shall be oriented so that the solvent drains from them freely. Parts having cavities or blind holes must be tipped or rotated before being removed from the solvent cleaning machine unless an equally effective approach has been approved by the Director (the appropriate District Office or local air agency).
  - e. Parts baskets or parts shall not be removed from the solvent cleaning machine until dripping has stopped.
  - f. During startup of the solvent cleaning machine, the primary condensers shall be turned on before the sump heater.
  - g. During shutdown of the solvent cleaning machine, the sump heater shall be turned off and the solvent vapor layer allowed to collapse before the primary condenser is turned off.
  - h. When solvent is added or drained from the solvent cleaning machine, the solvent shall be transferred using threaded or other leakproof couplings and the end of the pipe in the solvent sump shall be located beneath the liquid solvent surface.
  - i. The solvent cleaning machine and its associated controls shall be maintained as recommended by the manufacturers of the equipment or using alternative maintenance practices that have been demonstrated to the satisfaction of the Director (the appropriate District Office or local air agency) to achieve the same or better results as those recommended by the manufacturer.
  - j. The permittee shall complete and pass the applicable sections of the test of solvent cleaning operating procedures in 40 CFR Part 63, Subpart T, Appendix A if requested during an inspection by the Director (the appropriate District Office or local air agency).
  - k. Waste solvent, still bottoms, and sump bottoms shall be collected and stored in closed containers. The closed containers may contain a device that would allow pressure relief, but must not allow liquid solvent to drain from the container.
  - l. Sponges, fabric, wood, and paper products shall not be cleaned.

[Authority for Term: OAC rule 3745-77-07(A)(1) and PTI 08-04352]

### III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect and record the following information each month for emissions units L001 and L002, combined:
  - a. The number of gallons of trichloroethylene used.
  - b. The number of gallons of trichloroethylene disposed of as waste.
  - c. The OC emission rate, in tons, calculated as follows:

$$E = (L_s - L_w) \times D / 2000$$

$$E = \text{OC rate (tons/month)}$$

$L_s$  = liquid volume of trichloroethylene solvent employed (gallons/month)

$L_w$  = liquid volume of trichloroethylene solvent sent off-site as waste (gallons/month)

$D$  = density of trichloroethylene solvent (pounds/gallon).

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

2. The permittee shall conduct monitoring and record the results on a weekly basis for the freeboard refrigeration device by using a thermometer or thermocouple to measure the temperature at the center of the air blanket during the idling mode.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

3. The permittee shall conduct an initial monitoring test of the wind speed and of room parameters, quarterly monitoring of wind speed, and weekly monitoring of room parameters as specified below:
  - a. Measure the wind speed within 6 inches above the top of the freeboard area of the solvent cleaning machine as follows:
    - i. Determine the direction of the wind current by slowly rotating a velometer or similar device until the maximum speed is located.
    - ii. Orient a velometer in the direction of the wind current at each of the four corners of the machine.
    - iii. Record the reading for each corner.
    - iv. Average the values obtained at each corner and record the average wind speed.
  - b. Monitor on a weekly basis the room parameters established during the initial compliance test that are used to achieve the reduced room draft.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

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

4. The permittee shall monitor the hoist speed as described below:
  - a. The permittee shall determine the hoist speed by measuring the time it takes for the hoist to travel a measured distance. The speed is equal to the distance in meters divided by the time in minutes (meters per minute).
  - b. The permittee shall conduct monthly monitoring of the hoist speed. If after the first year, no exceedances of the hoist speed are measured, the permittee may begin monitoring the hoist speed quarterly.
  - c. If an exceedance of the hoist speed occurs during quarterly monitoring, the permittee shall return to a monthly monitoring frequency until another year of compliance without an exceedance is demonstrated.
  - d. If the permittee can demonstrate to the satisfaction of the Director (the appropriate District Office or local air agency) in the initial compliance report that the hoist speed cannot exceed a speed of 3.4 meters per minute (11 feet per minute), the required monitoring frequency is quarterly, including during the first year of compliance.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

5. The permittee shall maintain the following records in written or electronic form for the lifetime of the solvent cleaning machine:
  - a. Owner's manuals, or if not available, written maintenance and operating procedures for the solvent cleaning machine and control equipment.
  - b. The date of installation for the solvent cleaning machine and all of its control devices. If the exact date for the installation is not known, a letter certifying that the cleaning machine and its control devices were installed prior to, or on, November 29, 1993, or after November 29, 1993, may be substituted.
  - c. Records of the halogenated HAP solvent content for the solvent used in the solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

6. The permittee shall maintain the following records in written or electronic form for a period of five years for the solvent cleaning machine:
  - a. The results of control device monitoring required in this section of the permit.
  - b. Information on the actions taken to comply with 40 CFR 63.463 (e) and (f), including records of written or verbal orders for replacement parts, a description of the repair made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels.
  - c. Estimates of annual trichloroethylene consumption for the solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

7. Effective after May 3rd, 2010

Each owner or operator of an affected facility shall, on the first operating day of every month, ensure that each solvent cleaning machine system contains only clean liquid solvent. This includes, but is not limited to, fresh unused solvent, recycled solvent, and used solvent that has been cleaned of soiled materials. A fill line must be indicated during the first month the measurements are made. The solvent level within the machine must be returned to the same fill-line each month, immediately prior to calculating monthly emissions as specified in Section A.III. 8 and 9. The solvent cleaning machine does not have to be emptied and filled with fresh unused solvent prior to the calculations.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(1)]

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

**8.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall, on the first operating day of the month, using the records of all solvent additions and deletions for the previous month, determine solvent emissions (Eunit) from each solvent cleaning machine using equation 10:

$$E_{unit} = S A_i - L S R_i - S S R_i \text{ (Eq.10)}$$

Where:

Eunit= the total halogenated HAP solvent emissions from the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

SAi= the total amount of halogenated HAP liquid solvent added to the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

LSRi= the total amount of halogenated HAP liquid solvent removed from the solvent cleaning machine during the most recent month i, (kilograms of solvent per month).

SSRi= the total amount of halogenated HAP solvent removed from the solvent cleaning machine in solid waste, obtained as described in Section A.III.9, during the most recent month i, (kilograms of solvent per month).

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(2)]

**9.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall, on the first operating day of the month, determine SSRi using the method specified in i. or ii.

i. From tests conducted using EPA reference method 25d.

ii. By engineering calculations included in the compliance report.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(3)]

**10.** Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of the month, after 12 months of emissions data are available, determine the 12-month rolling total emissions, ETunit, for the 12-month period ending with the most recent month using equation 11:

ETunit = the sum of halogenated HAP solvent emissions for each month for the most recent 12 months , Eunit (kilograms of solvent per month). (Eq.11)

Where:

ETunit= the total halogenated HAP solvent emissions over the preceding 12 months, (kilograms of solvent emissions per 12-month period).

Eunit= halogenated HAP solvent emissions for each month for the most recent 12 months (kilograms of solvent per month).

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(4)]

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

11. Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall on the first operating day of the month, after 12 months of emissions data are available, determine the 12-month rolling total emissions,  $ET_{\text{facility}}$ , for the 12-month period ending with the most recent month using equation 12:

$ET_{\text{facility}}$  = the sum of the total halogenated HAP solvent emissions over the preceding 12 months for all  $ET_{\text{unit}}$  at the facility (kilograms of solvent emissions per 12-month period). (Eq.12.)

Where:

$ET_{\text{facility}}$  = the total halogenated HAP solvent emissions over the preceding 12 months for all cleaning machines at the facility, (kilograms of solvent emissions per 12-month period).

$ET_{\text{unit}}$  = the total halogenated HAP solvent emissions over the preceding 12 months for each unit (kilograms of solvent emissions per 12-month period).

- a. If the applicable facility-wide emission limit of 14,100 Kg (15.54 tons) TCE on a 12 month rolling total is not met, an exceedance has occurred. All exceedances shall be reported as required in Section IV.2.
- b. Each owner or operator of an affected facility shall maintain records specified below in electronic or written form for a period of 5 years. For purposes of this paragraph, "each solvent cleaning machine" means each solvent cleaning machine that is part of an affected facility regulated by this section.
  - i. The dates and amounts of solvent that are added to each solvent cleaning machine.
  - ii. The solvent composition of wastes removed from each solvent cleaning machines as determined using the procedure described in Section A.III.9.
  - iii. Calculation sheets showing how monthly emissions and the 12-month rolling total emissions from each solvent cleaning machine were determined, and the results of all calculations.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(c)(5)]

### IV. Reporting Requirements

1. The permittee shall submit an annual report by February 1 of each year for the preceding year. Each annual report shall contain the following:
  - a. A signed statement from the facility owner or their designee stating that, "All operators of solvent cleaning machines have received training on the proper operation of solvent cleaning machines and their control devices sufficient to pass the test required pursuant to 40 CFR 63.463 (d) (10)."
  - b. An estimate of solvent consumption during the reporting period.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

2. The permittee shall submit an exceedance report on a semiannual basis. If the temperature of the chilled air blanket, measured at the center of the air blanket, was greater than 30% of the solvent's boiling point, and no correction was made within 15 days of detection and/or if no operation conditions were established under which the wind speed was demonstrated to be 15.2 meters per minute (50 feet per minute) and/or if the flow of air across the top of the freeboard area of the cleaning machine or within the solvent cleaning machine enclosure exceeded 15.2 meters/minute and no correction was made within 15 days of detection, the permittee shall begin to submit a quarterly report until such time that the permittee requests and receives approval of a less frequent reporting frequency from the Director (the appropriate District Office or local air agency). Each exceedance report shall be delivered or post marked by the 30th day following the reporting period. The exceedance report shall include the following applicable information:

#### **IV. Reporting Requirements (continued)**

- a. The reason and a description of the exceedance and action(s) taken to comply with 40 CFR 63.463 (e) and (f) including written or verbal orders for replacement parts, a description of the repairs made, and additional monitoring conducted to demonstrate that monitored parameters have returned to acceptable levels
- b. If an exceedance has occurred, the reason for the exceedance and a description of the actions taken.
- c. If no exceedance of a parameter have occurred, or a piece of equipment has not been inoperative, out of control, repaired, or adjusted, such information shall be stated in the report.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

3. An owner or operator who is required to submit an exceedance report on a quarterly (or more frequent) basis may reduce the frequency of reporting to semiannual if the following conditions are met:
  - a. The affected source has demonstrated a full year of compliance without an exceedance.
  - b. The owner or operator continues to comply with all relevant record keeping and monitoring requirements specified in 40 CFR 63.1 Subpart A (General Provisions) and in 40 CFR 63, Subpart T.
  - c. The Administrator does not object to a reduced frequency of reporting for the affected source as provided in paragraph (e)(3)(iii) of 40 CFR 63.1 Subpart A (General Provisions).
4. Each owner or operator of an affected facility shall submit an initial notification report to the Administrator no later than May 3, 2010. This report shall include the following information:
  - a. The name and address of the owner or operator of the affected facility.
  - b. The address ( i.e. , physical location) of the solvent cleaning machine(s) that is part of an affected facility regulated by this section.
  - c. A brief description of each solvent cleaning machine at the affected facility including machine type (batch vapor, batch cold, vapor in-line or cold in-line), solvent/air interface area, and existing controls.
  - d. The date of installation for each solvent cleaning machine.
  - e. An estimate of annual halogenated HAP solvent consumption for each solvent cleaning machine.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(f)]

5. Each owner or operator of an affected facility shall submit to the Administrator an initial statement of compliance on or before May 3, 2010. The statement shall include following information:
  - a. The name and address of the owner or operator of the affected facility.
  - b. The address ( i.e. , physical location) of each solvent cleaning machine that is part of an affected facility regulated by this section.
  - c. The results of the first 12-month rolling total emissions calculation.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(g)]

#### **IV. Reporting Requirements (continued)**

6. Effective after May 3rd, 2010.

Each owner or operator of an affected facility shall submit a solvent emission report every year. This solvent emission report shall contain the following requirements:

- a. The average monthly solvent consumption for the affected facility in kilograms per month.
- b. The 12-month rolling total solvent emission estimates calculated each month using the method as described in Sections A.III.10 and A.III.11.
- c. This report can be combined with the annual report due February 1st of the year into a single report for the facility.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(h)]

7. The permittee shall submit annual reports that specify the total OC emissions from emissions units L001 and L002, combined, for the previous calendar year. These reports shall be submitted along with the "Fee Emissions Report" required pursuant to OAC rule 3745-78-02(A) by April 15th.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

#### **V. Testing Requirements**

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

- 1.a Emission Limitation-  
The VOC emissions shall not exceed 21.0 tons/yr [for emissions units L001 and L002, combined].

Applicable Compliance Method -  
Compliance shall be based upon the record keeping requirements specified in Section A.III.1 of this permit.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

- 1.b Emission Limitation-  
The facility-wide emission limit for all affected facilities shall not exceed 14,100 Kg (15.54 tons) TCE based on a 12-month rolling total.

Applicable Compliance Method-  
Compliance shall be based upon the record keeping requirements specified in Sections A.III.10 and A.III.11.

[Authority for Term: OAC rule 3745-77-07(C)(1) and 40 CFR 63.471(b)(2)]

2. The permittee shall determine the facility's potential to emit (PTE) from all solvent cleaning operations. A facility's total PTE is the sum of the HAP emissions from all solvent cleaning operations plus all HAP emissions from other emissions units from within the facility. The potential to emit shall be determined in accordance with the following procedures:

## V. Testing Requirements (continued)

- a. Determine the potential to emit for each individual solvent cleaning machine using the following equation:

$$PTE_i = H_i \times W_i \times SAI_i$$

Where:

$PTE_i$  = the potential to emit for the solvent cleaning machine  $i$  (kilograms solvent per year).

$H_i$  = hours of operation for solvent cleaning machine  $i$  (hours per year) [8760 hours per year, unless otherwise restricted by a federally enforceable requirement].

$W_i$  = the working mode uncontrolled emission rate [1.95 kilograms per square meter per hour for batch vapor and cold cleaning machines or 1.12 kilograms per square meter per hour for in-line cleaning machines].

$SAI_i$  = solvent/air interface area of solvent cleaning machine  $i$  (square meters). Section 63.461 defines the solvent/air interface area for those machines that have a solvent /air interface. Cleaning machines that do not have a solvent area interface shall calculate a solvent/air interface area using the procedure in paragraph b below.

- b. Cleaning machines that do not have a solvent/air interface shall calculate a solvent/air interface area using the following equation:

$$SAI = 2.2 * (Vol)^{0.6}$$

Where:

$SAI$  = the solvent/air interface area (square meters).

$Vol$  = the cleaning capacity of the solvent cleaning machine (cubic meters).

- c. Sum the  $PTE_i$  for all solvent cleaning operations to obtain the total potential to emit for solvent cleaning operations at the facility.

[Authority for Term: OAC rule 3745-77-07(C)(1) and PTI 08-04352]

## VI. Miscellaneous Requirements

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**2. Additional Terms and Conditions**

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

### Part III - Terms and Conditions for Emissions Units

**Emissions Unit ID:** Metal Preparatory Room Adhesive Coating Process (R001)  
**Activity Description:** Metal Preparatory Room Adhesive Coating Process

#### 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
R001- Metal Preparatory Room Adhesive Coating Process (hand brushed)	OAC rule 3745-21-09(U)(2)(e)(i)	The maximum daily coating usage rate shall not exceed 8 gallons.
	40 CFR Part 63, Subpart A General Provisions	See the Specific Facility Terms and Conditions - Part II section A.1.
	40 CFR Part 63, Subpart M Miscellaneous Metal Parts & Products	See the Specific Facility Terms and Conditions - Part II section A.2.

##### 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 each day for the coating line:
  - a. The name and identification number of each coating employed.
  - b. The volume, in gallons, of each coating employed.
  - c. The total volume, in gallons, of all the coatings employed.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

##### IV. Reporting Requirements

1. The permittee shall notify the Director (the appropriate District Office or local air agency) in writing of any daily record showing that the coating line employed more than the applicable maximum daily coating usage limitation of 8 gallons. The notification shall include a copy of such record and shall be sent to the Director (the appropriate District Office or local air agency) within 45 days after the exceedance occurs.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

Facility Name: **Mullins Rubber Products, Inc.**

Facility ID: **08-57-77-0747**

Emissions Unit: **Metal Preparatory Room Adhesive Coating Process**

## **V. Testing Requirements**

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

Emission Limitation-

The maximum daily coating usage shall not exceed 8 gallons.

Applicable Compliance Method-

Compliance shall be based upon the record keeping requirements specified in A.III.1 of this permit.

[Authority for Term: OAC rule 3745-77-07(C)(1)]

## **VI. Miscellaneous Requirements**

**None**

**B. State Enforceable Section**

**I. Applicable Emissions Limitations and/or Control Requirements**

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

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/ Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
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**2. Additional Terms and Conditions**

**None**

**II. Operational Restrictions**

**None**

**III. Monitoring and/or Record Keeping Requirements**

**None**

**IV. Reporting Requirements**

**None**

**V. Testing Requirements**

**None**

**VI. Miscellaneous Requirements**

**None**

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