

**Synthetic Minor Determination and/or**  **Netting Determination**

Permit To Install **05-13323**

**A. Source Description**

The facility is a manufacturer of automotive and decorative parts employing stamping presses and coating lines to produce their products. The emission units subject to this PTI include twenty-five stamping presses, two roll formers, two paint spray booths and one natural gas-fired air makeup unit on the transportation parts side of the operation. This permit to install limits VOC emissions as part of American Trim's overall effort to avoid PSD.

**B. Facility Emissions and Attainment Status**

Given the enforceable limitation on VOC emissions for these and other units from other PTI applications, the facility's annual emissions of VOC will total 192.5 tons per year. The facility is located in Shelby County, which is in attainment status for Ozone, as well as all other criteria pollutants.

**C. Source Emissions**

These units are limited to 49.65 tons of VOC per rolling 12-month period. The limitation on emissions requires monthly record keeping of all lubricants, coatings and cleanup materials employed, their associated VOC content, and the calculated VOC emissions (assuming 100% emissions) per rolling 12-month period.

**D. Conclusion**

The limitation on total VOC emissions from this emission unit is a part of American Trims's facility-wide plan to limit VOC emissions and stay under the emission thresholds for PSD.



State of Ohio Environmental Protection Agency

Street Address:

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

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

Mailing Address:

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

**RE: DRAFT PERMIT TO INSTALL**

**SHELBY COUNTY**

**Application No:** 05-13323

**Fac ID:** 0575010106

**DATE:** 9/28/2004

American Trim L.L.C.  
Kimberly Ness  
1501 W Michigan Ave  
Sidney, OH 45365

**CERTIFIED MAIL**

Y	TOXIC REVIEW
	PSD
Y	SYNTHETIC MINOR
	CEMS
MMMM	MACT
	NSPS
	NESHAPS
	NETTING
	MAJOR NON-ATTAINMENT
	MODELING SUBMITTED
	GASOLINE DISPENSING FACILITY

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit. This draft action is not an authorization to begin construction or modification of your emissions unit(s). The purpose of this draft is to solicit public comments on the proposed installation. A public notice concerning the draft permit will appear in the Ohio EPA Weekly Review and the newspaper in the county where the facility will be located. Public comments will be accepted by the field office within 30 days of the date of publication in the newspaper. Any comments you have on the draft permit should be directed to the appropriate field office within the comment period. A copy of your comments should also be mailed to Robert Hodanbosi, Division of Air Pollution Control, Ohio EPA, P.O. Box 1049, Columbus, OH, 43266-0149.

A Permit to Install may be issued in proposed or final form based on the draft action, any written public comments received within 30 days of the public notice, or record of a public meeting if one is held. You will be notified in writing of a scheduled public meeting. Upon issuance of a final Permit to Install a fee of **\$7800** will be due. Please do not submit any payment now.

The Ohio EPA is urging 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. If you have any questions about this draft permit, please contact the field office where you submitted your application, or Mike Ahern, Field Operations & Permit Section at (614) 644-3631.

Sincerely,

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

CC: USEPA

SWDO

IN

**SHELBY COUNTY**

**PUBLIC NOTICE**

**ISSUANCE OF DRAFT PERMIT TO INSTALL 05-13323 FOR AN AIR CONTAMINANT SOURCE FOR  
American Trim L.L.C.**

On 9/28/2004 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **American Trim L.L.C.**, located at **1501 W Michigan Ave, Sidney, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 05-13323:

**Twenty-five metal stamping presses, two roll formers, and three associated coating lines, with an air makeup unit.**

Comments concerning this draft action, or a request for a public meeting, must be sent in writing to the address identified below no later than thirty (30) days from the date this notice is published. All inquiries concerning this draft action may be directed to the contact identified below.

Phil Hinrichs, Ohio EPA, Southwest District Office, 401 East Fifth Street, Dayton, OH 45402-2911 [(937)285-6357]



**DRAFT PERMIT TO INSTALL 05-13323**

Application Number: 05-13323  
Facility ID: 0575010106  
Permit Fee: **To be entered upon final issuance**  
Name of Facility: American Trim L.L.C.  
Person to Contact: Kimberly Ness  
Address: 1501 W Michigan Ave  
Sidney, OH 45365

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**1501 W Michigan Ave  
Sidney, Ohio**

Description of proposed emissions unit(s):  
**Twenty-five metal stamping presses, two roll formers, and three associated coating lines, with an air makeup unit.**

The above named entity is hereby granted a Permit to Install for the above described emissions unit(s) pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this permit does not constitute expressed or implied approval or agreement that, if constructed or modified in accordance with the plans included in the application, the above described emissions unit(s) of environmental pollutants will operate in compliance with applicable State and Federal laws and regulations, and does not constitute expressed or implied assurance that if constructed or modified in accordance with those plans and specifications, the above described emissions unit(s) of pollutants will be granted the necessary permits to operate (air) or NPDES permits as applicable.

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

## Part I - GENERAL TERMS AND CONDITIONS

### A. State and Federally Enforceable Permit To Install General Terms and Conditions

#### 1. Monitoring and Related Recordkeeping and Reporting Requirements

- a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:
  - i. The date, place (as defined in the permit), and time of sampling or measurements.
  - ii. The date(s) analyses were performed.
  - iii. The company or entity that performed the analyses.
  - iv. The analytical techniques or methods used.
  - v. The results of such analyses.
  - vi. The operating conditions existing at the time of sampling or measurement.
- b. Each record of any monitoring data, testing data, and support information required pursuant to this permit shall be retained for a period of five years from the date the record was created. Support information shall include, 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.
- c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:
  - i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.
  - ii. Quarterly written reports of (i) any deviations from federally enforceable emission limitations, operational restrictions, and control device operating parameter limitations, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the

previous calendar quarters. See B.9 below if no deviations occurred during the quarter.

- iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.
- iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

## **2. Scheduled Maintenance/Malfunction Reporting**

Any scheduled maintenance of air pollution control equipment shall be performed in accordance with paragraph (A) of OAC rule 3745-15-06. The malfunction, i.e., upset, of any emissions units or any associated air pollution control system(s) shall be reported to the appropriate Ohio EPA District Office or local air agency in accordance with paragraph (B) of OAC rule 3745-15-06. (The definition of an upset condition shall be the same as that used in OAC rule 3745-15-06(B)(1) for a malfunction.) The verbal and written reports shall be submitted pursuant to 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 emission unit(s) that is (are) served by such control system(s).

## **3. Risk Management Plans**

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Clean Air Act, as amended, 42 U.S.C. 7401 et seq. ("Act"), the permittee shall comply with the requirement to register such a plan.

## **4. Title IV Provisions**

If the permittee is subject to the requirements of 40 CFR Part 72 concerning acid rain, the permittee shall ensure that any affected emissions unit complies with those requirements. Emissions exceeding any allowances that are lawfully held under Title IV of the Act, or any regulations adopted thereunder, are prohibited.

## **5. Severability Clause**

A determination that any term or condition of this permit is invalid shall not invalidate the force or effect of any other term or condition thereof, except to the extent that any other term or

condition depends in whole or in part for its operation or implementation upon the term or condition declared invalid.

## **6. General Requirements**

- a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.
- b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.
- c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.
- d. This permit does not convey any property rights of any sort, or any exclusive privilege.
- e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

## **7. Fees**

The permittee shall pay fees to the Director of the Ohio EPA in accordance with ORC section 3745.11 and OAC Chapter 3745-78. The permittee shall pay all applicable Permit To Install fees within 30 days after the issuance of this Permit To Install.

## **8. 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.

## 9. Compliance Requirements

- a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this 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 ORC section 3704.08.
  - 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.

## 10. Permit To Operate Application

- a. If the permittee is required to apply for a Title V permit pursuant to OAC Chapter 3745-77, the permittee shall submit a complete Title V permit application or a complete Title V permit modification application within twelve (12) months after commencing operation of the emissions units covered by this permit. However, if the proposed new or

modified source(s) would be prohibited by the terms and conditions of an existing Title V permit, a Title V permit modification must be obtained before the operation of such new or modified source(s) pursuant to OAC rule 3745-77-04(D) and OAC rule 3745-77-08(C)(3)(d).

- b. If the permittee is required to apply for permit(s) pursuant to OAC Chapter 3745-35, the source(s) identified in this Permit To Install is (are) permitted to operate for a period of up to one year from the date the source(s) commenced operation. Permission to operate is granted only if the facility complies with all requirements contained in this permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the source(s) covered by this permit.

#### **11. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

#### **12. 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.

**B. State Only Enforceable Permit To Install General Terms and Conditions**

**1. Compliance Requirements**

The emissions unit(s) identified in this Permit to Install shall remain in full compliance with all applicable State laws and regulations and the terms and conditions of this permit.

**2. Reporting Requirements**

The permittee shall submit required reports in the following manner:

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

**3. 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.

**4. Termination of Permit To Install**

This permit to install shall terminate within eighteen months of the effective date of the permit to install if the owner or operator has not undertaken a continuing program of installation or modification or has not entered into a binding contractual obligation to undertake and complete within a reasonable time a continuing program of installation or modification. This deadline may be extended by up to 12 months if application is made to the Director within a reasonable time before the termination date and the party shows good cause for any such extension.

**5. Construction of New Sources(s)**

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

If the construction of the proposed emissions unit(s) has already begun or has been completed prior to the date the Director of the Environmental Protection Agency approves the permit application and plans, the approval does not constitute expressed or implied assurance that the proposed facility has been constructed in accordance with the approved plans. The action of beginning and/or completing construction prior to obtaining the Director's approval constitutes a violation of OAC rule 3745-31-02. Furthermore, issuance of the Permit to Install does not constitute an assurance that the proposed source will operate in compliance with all Ohio laws and regulations. Approval of the plans in any case is not to be construed as an approval of the facility as constructed and/or completed. Moreover, issuance of the Permit to Install is not to be construed as a waiver of any rights that the Ohio Environmental Protection Agency (or other persons) may have against the applicant for starting construction prior to the effective date of the permit. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed facilities cannot meet the requirements of this permit or cannot meet applicable standards.

**6. Public Disclosure**

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

**7. Applicability**

This Permit to Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate application must be made to the Director for the installation or modification of any other emissions unit(s).

**8. Construction Compliance Certification**

If applicable, the applicant shall provide Ohio EPA with a written certification (see enclosed form if applicable) that the facility has been constructed in accordance with the Permit To Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

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

**C. Permit To Install Summary of Allowable Emissions**

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

**SUMMARY (for informational purposes only)  
TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	49.65
CO	4.46
SO <sub>2</sub>	0.03
PE	0.04
NO <sub>x</sub>	5.31

**Part II - FACILITY SPECIFIC TERMS AND CONDITIONS**

**A. State and Federally Enforceable Permit To Install Facility Specific Terms and Conditions**

Provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart Mmmm, the facility as a whole, including emission units in this permit to install, is subject to the terms and conditions of the Maximum Achievable Control Technology (MACT) standard for Miscellaneous Metal Parts Coating as promulgated January 2, 2004 (40 CFR Part 63, Subpart Mmmm). In addition, the facility would be subject to the applicable portions of the MACT General Provisions (Subpart A) and any other subparts referenced within the terms of Subparts Mmmm and A. Subparts Mmmm and A are reproduced in their entirety within the permit to install for emission unit K033 (PTI 05-06273) as modified on [August xx, 2004].

**B. State Only Enforceable Permit To Install Facility Specific Terms and Conditions**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
B001 - Bumper 200 Air Makeup Unit (12.375 mmBtu)	OAC rule 3745-31-05(A)(3)	Volatile organic compounds (VOC) emissions shall not exceed 0.07 pound per hour, or 0.29 tons per year.  Particulate emissions (PE) shall not exceed 0.09 pound per hour, or 0.4 tons per year.  Sulfur dioxide (SO <sub>2</sub> ) emissions shall not exceed 0.01 pound per hour, or 0.03 ton per year.  Oxides of Nitrogen (NO <sub>x</sub> ) emissions shall not exceed 1.21 pounds per hour, or 5.31 tons per year.  Carbon monoxide (CO) emissions shall not exceed 1.02 pounds per hour, or 4.46 tons per year.  Visible PE shall not exceed 10% opacity as a 6-minute average  See A.2.a. and A.2.d.
	OAC rule 3745-17-07(A)	See A.2.b.
	OAC rule 3745-17-10(B)(1)	See A.2.b.
	OAC rule 3745-18-06	See A.2.e.

OAC rule 3745-21-08(B)	See A.2.c.
OAC rule 3745-23-06(B)	See A.2.c.

**2. Additional Terms and Conditions**

- 2.a** The "Best Available Technology" (BAT) control requirement for this emissions unit has been determined to be compliance with the terms and conditions of this permit.
- 2.b** The emissions limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
- 2.c** The permittee has satisfied the "latest available control techniques and operating practices" required pursuant to OAC rule 3745-23-06 (B) and the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.  
  
On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.
- 2.d** The hourly emissions limitations outlined are based upon the emissions unit's potential to emit (PTE). Therefore, no monitoring, record keeping, or reporting is required to demonstrate compliance with these limitations.
- 2.e** The emissions unit is exempt from the requirements of OAC rule 3745-18-06 in accordance with OAC rule 3745-18-06(A).

**B. Operational Restrictions**

- 1. The permittee shall burn only natural gas in this emissions unit.

**C. Monitoring and/or Recordkeeping Requirements**

- 1. For each day during which the permittee burns a fuel other than natural gas the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

**D. Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

**E. Testing Requirements**

Compliance with the emission limitations in the terms and conditions of this permit shall be determined in accordance with the following methods:

1. Emission Limitations:

0.09 lb/hr or 0.4 TPY PE  
0.01 lb/hr or 0.03 TPY SO<sub>2</sub>  
1.21 lb/hr or 5.31 TPY NO<sub>x</sub>  
1.02 lb/hr or 4.46 TPY CO  
0.07 lb/hr or 0.29 TPY VOC

Applicable Compliance Method:

The hourly allowable emission limitations above were established by multiplying the maximum natural gas usage rate (12,132.4 cu. ft/hr) by the emission factor\* for each pollutant, from AP-42, Tables 1.4-1, and 1.4-2, revised 7/98.

\* for NO<sub>x</sub>: 100 lbs NO<sub>x</sub>/mm cu. ft.; for CO, 84 lbs CO/mm cu. ft.; for PE, 1.9 lbs PE/mm cu. ft.; for VOC, 5.5 lbs VOC/mm cu. ft.; and for SO<sub>2</sub>, 0.6 lb SO<sub>2</sub>/mm cu. ft.

If required, compliance with the hourly allowable emission limitations above shall be determined in accordance with the appropriate Methods\*\* of 40 CFR Part 60, Appendix .

\*\* For NO<sub>x</sub>, Methods 1 - 4 and 7; for CO, Methods 1 - 4 and 10; for VOC, Methods 1 - 4 and 25 or 25A, as appropriate; for PE, Methods 1 - 4 and 5; and for SO<sub>2</sub>, Methods 1 - 4 and 6.

2. Emission limitation:

Visible Particulate Emissions shall not exceed 10% opacity as a 6-minute average.

Applicable compliance method:

If required, compliance with the visible emission limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1).

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: B001

**F. Miscellaneous Requirements**

None.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
B001 - Bumper 200 Air Makeup Unit	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

- 2.a None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

None

**IV. Reporting Requirements**

None

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
K049 - Dry Filter Spray booth No. 1	OAC rule 3745-31-05(A)(3)	Volatile Organic Compounds (VOC) content of coatings shall not exceed 5.62 lbs VOC per gallon as applied, minus water and exempt solvents.
		VOC emissions from this emissions unit shall not exceed 1.34 tons per rolling 12-month period
		Cleanup and dilution solvents with a VOC content greater than zero shall have a maximum VOC content of 7.19 lbs VOC per gallon.
		PM emissions from this emissions unit shall not exceed 2.63 tons per rolling 12-month period
	OAC rule 3745-31-05(C)	The requirements of the this rule of include compliance with OAC rules 3745-21-09(U)(2)(e)(iii), 3745-17-11(B)(1), 3745-31-05(C) and 3745-17-07(A).
	OAC rule 3745-21-09(U)(2)(e)(iii)	VOC emissions from emissions units K049 and K050 combined shall not exceed 1.34 tons per rolling 12-month period

OAC rule 3745-17-11(B)(1)	Coating usage for this emissions unit shall not exceed 10 gallons per day.  See A.I.2.c, below
OAC rule 3745-17-07(A)	Particulate Matter emissions (PM) from this emission unit shall not exceed 0.6 lb PE per hour.  See A.I.2.b, below
40 CFR Part 63, Subpart M	Visual particulate emissions (PE) shall not exceed 20% opacity as a six-minute average  See Part II.A. of this permit

**2. Additional Terms and Conditions**

- 2.a** Best Available Technology for this emission unit has been determined to be use of the coatings with VOC contents of up to 5.62 pounds per gallon, with the associated daily usage limits, controlled by the dry filtration system.
- 2.b** The particulate matter emission limit is derived based on the equation noted with Table 1 from OAC Rule 3745-11. Figure II does not apply (per OAC rule 3745-17-11(A)(2)(a)(i)) because the uncontrolled mass rate of particulate emissions cannot be determined.
- 2.c** The exemption in OAC rule 3745-21-09(U)(2)(e)(iii) pertains only to emission units that never exceed 10 gallons of coating per day. Should the usage of coatings in emission unit K049 ever exceed 10 gallons on any one day, the requirements of OAC rule 3745-21-09(U)(1) shall apply to this emission unit immediately.

**II. Operational Restrictions**

- 1. The usage of coatings for emissions units K049 and K050 combined shall not exceed 400 gallons per rolling 12-month period. The permittee has sufficient historical records to establish compliance with this limitation as of the issuance of this permit.
- 2. The usage of cleanup and dilution solvents with a VOC content greater than zero for emissions units K049 and K050 combined shall not exceed 60 gallons per rolling 12-month period. The permittee has sufficient historical records to establish compliance with this limitation as of the issuance of this permit.
- 3. The permittee shall operate the dry filtration system at all times this emission unit is in operation.

4. As of the applicable compliance date from 40 CFR Part 63, Subpart M MMMM, the permittee shall employ all applicable operating limits and work practice standards detailed in §§63.3892 and 63.3893 of that subpart, provided the facility meets the definitions of an affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M MMMM.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall keep daily records of the following data:
  - a. The permittee shall record total daily coating usage in this emissions unit, in gallons.
  - b. The permittee shall keep records of all times when the emissions unit was in operation without operating the dry filtration system.
2. The permittee shall keep monthly records of the following data:
  - a. The name, identification number (if any), and VOC content (in lbs/gallon) for each coating employed in emission units K049 and K050 combined.
  - b. The name, identification number (if any), and VOC content (in lbs/gallon) for each cleanup and dilution solvent employed in emission units K049 and K050 combined. This requirement applies only to cleanup and dilution solvents with a VOC content greater than zero pounds per gallon.
  - c. The permittee shall keep monthly records of total coating usage for emissions unit K049 and K050 combined, in gallons.
  - d. The permittee shall keep monthly records of total usage of cleanup and dilution solvent with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in gallons.
  - e. The rolling 12-month usage of coatings for emissions unit K049 and K050 combined, in gallons.
  - f. The rolling 12-month usage of cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in gallons.
  - g. The rolling 12-month emission of VOC from coatings and cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in tons.
3. As of the applicable compliance date from 40 CFR Part 63, Subpart M MMMM, the permittee shall collect and keep all applicable records of the data and information detailed in §63.3930 of that subpart in the manner detailed in §63.3931 of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M MMMM.

Page 19 of 168

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: K049

#### **IV. Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any daily record showing the usage of coatings in this emissions unit in excess of the 10 gallon per day limit. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the exceedance.
2. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any daily record showing operation of this emission unit without operation of the dry filtration system. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the exceedance.
3. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any monthly record showing the use of noncomplying coatings and/or cleanup and dilution solvent material. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the end of the calendar month.
4. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12 month limitation upon coatings usage for emission units K049 and K050 combined of 400 gallons.
  - b. the rolling, 12 month limitation upon usage of cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emission units K049 and K050 combined of 60 gallons.

These quarterly deviation (excursion) reports shall be submitted in accordance with Part I - General Terms and Conditions A.1.c.

5. As of the applicable compliance dates from 40 CFR Part 63, Subpart M, the permittee shall submit all applicable reports and notifications detailed in §§63.3910 and 63.3920 of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M.

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

Compliance with the terms and conditions of this permit shall be demonstrated according to the following:

1. **Emission Limitations:**  
Volatile Organic Compounds (VOC) content of coatings shall not exceed 5.62 lbs VOC per gallon as applied, minus water and exempt solvents.

Cleanup and dilution solvents with a VOC content greater than zero shall have a maximum VOC content of 7.19 lbs VOC per gallon.

Applicable compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the VOC content of the coatings. The record keeping requirements contained in Section III.2.a. and III.2.b. shall demonstrate that only materials with these VOC content limitations are applied.

2. Emission Limitation:

Particulate Matter emissions (PM) from this emission unit shall not exceed 0.6 lb PE per hour.

Applicable Compliance Method:

Compliance shall be demonstrated using Method 5, 40 CFR Part 60, Appendix A. In the absence of Ohio EPA requiring such testing, compliance will be assumed provided the permittee has not exceeded the coating usage limitation of 10 gallons per day and has not operated the emissions unit without concurrently operating the dry filtration system.

3. Emission Limitation:

VOC emissions from emissions units K049 and K050 combined shall not exceed 1.34 tons per rolling 12-month period

Applicable Compliance Method:

Compliance with this limitation shall be based on the following calculation and the record keeping in section III:

$$VOC = [ \sum_{i=1}^i CC_i * CV_i + \sum_{j=1}^j SC_j * SV_j ] \div 2000$$

where:

CC<sub>i</sub> = VOC content of coating i, in pounds per gallon

CV<sub>i</sub> = Usage volume of coating i, in gallons

SC<sub>j</sub> = VOC content of cleanup and dilution solvent j, in pounds per gallon

SV<sub>j</sub> = Usage volume of cleanup and dilution solvent j, in gallons

i = total number of unique coatings employed in units K049 and K050

j = total number of unique cleanup and dilution solvents employed in units K049 and K050

1.34 tons limitation was derived by calculating the worst case emissions as follows:

$$1.34 \text{ tons} = [(5.62 \text{ lbs VOC/gallon} * 400 \text{ gallons}) + (7.19 \text{ lbs VOC/gallon} * 60 \text{ gallons})] \div 2000 \text{ lbs/ton}$$

4. Emission Limitation:

The permittee is subject to the HAP content limitations detailed in 40 CFR Part 63, Subpart MMMM §63.3890 as of the applicable compliance date detailed in that subpart.

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: K049**

Applicable Compliance Method:

As of the applicable compliance date from 40 CFR Part 63, Subpart M MMM, the permittee shall demonstrate compliance using the applicable methods detailed in §63.3940 through §63.3968 inclusive, of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M MMM.

5. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 1.34 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for K049 and K050.

**VI. Miscellaneous Requirements**

None.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
K049 - Dry Filter Spraybooth No. 1	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

1. The permit to install for this emissions unit (K033) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Xylene

TLV for Nepheline Syenite (mg/m3): 10 mg/m3

Maximum Hourly Emission Rate (g/sec): 0.093

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 20.26

MAGLC (ug/m3): 238.1 ug/m3

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

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

2. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”
  - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and
  - c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the “Air Toxic Policy” for the change.

#### IV. Reporting Requirements

None

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: K049**

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
K050 - Dry Filter Spraybooth No. 2	OAC rule 3745-31-05(A)(3)	Volatile Organic Compounds (VOC) content of coatings shall not exceed 5.62 lbs VOC per gallon as applied, minus water and exempt solvents.
		Cleanup and dilution solvents with a VOC content greater than zero shall have a maximum VOC content of 7.19 lbs VOC per gallon.
		VOC emissions from this emissions unit shall not exceed 1.34 tons per rolling 12-month period
		PM emissions from this emissions unit shall not exceed 2.63 tons per rolling 12-month period
	OAC rule 3745-31-05(C)	The requirements of the this rule of include compliance with OAC rules 3745-21-09(U)(2)(e)(iii), 3745-17-11(B)(1), 3745-31-05(C) and 3745-17-07(A).
	OAC rule 3745-21-09(U)(2)(e)(iii)	VOC emissions from emissions units K049 and K050 combined shall not exceed 1.34 tons per rolling 12-month period

OAC rule 3745-17-11(B)(1)	Coating usage for this emissions unit shall not exceed 10 gallons per day.
	See A.I.2.c, below
OAC rule 3745-17-07(A)	Particulate Matter emissions (PM) from this emission unit shall not exceed 0.6 lb PE per hour.
	See A.I.2.b, below
40 CFR Part 63, Subpart M	Visual particulate emissions (PE) shall not exceed 20% opacity as a six-minute average
	See Part II.A. of this permit

**2. Additional Terms and Conditions**

- 2.a** Best Available Technology for this emission unit has been determined to be use of the coatings with VOC contents of up to 5.62 pounds per gallon, with the associated daily usage limits, controlled by the dry filtration system.
- 2.b** The particulate matter emission limit is derived based on the equation noted with Table 1 from OAC Rule 3745-11. Figure II does not apply (per OAC rule 3745-17-11(A)(2)(a)(i)) because the uncontrolled mass rate of particulate emissions cannot be determined.
- 2.c** The exemption in OAC rule 3745-21-09(U)2)(e)(iii) pertains only to emission units that never exceed 10 gallons of coating per day. Should the usage of coatings in emission unit K050 ever exceed 10 gallons on any one day, the requirements of OAC rule 3745-21-09(U)(1) shall apply to this emission unit immediately.

**II. Operational Restrictions**

- 1. The usage of coatings for emissions units K049 and K050 combined shall not exceed 400 gallons per rolling 12-month period. The permittee has sufficient historical records to establish compliance with this limitation as of the issuance of this permit.
- 2. The usage of cleanup and dilution solvents with a VOC content greater than zero for emissions units K049 and K050 combined shall not exceed 60 gallons per rolling 12-month period. The permittee has sufficient historical records to establish compliance with this limitation as of the issuance of this permit.
- 3. The permittee shall operate the dry filtration system at all times this emission unit is in operation.

4. As of the applicable compliance date from 40 CFR Part 63, Subpart M, the permittee shall employ all applicable operating limits and work practice standards detailed in §§63.3892 and 63.3893 of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M.

### **III. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall keep daily records of the following data:
  - a. The permittee shall record total daily coating usage in this emissions unit, in gallons.
  - b. The permittee shall keep records of all times when the emissions unit was in operation without operating the dry filtration system.
2. The permittee shall keep monthly records of the following data:
  - a. The name, identification number (if any), and VOC content (in lbs/gallon) for each coating employed in emission units K049 and K050 combined.
  - b. The name, identification number (if any), and VOC content (in lbs/gallon) for each cleanup and dilution solvent employed in emission units K049 and K050 combined. This requirement applies only to cleanup and dilution solvents with a VOC content greater than zero pounds per gallon.
  - c. The permittee shall keep monthly records of total coating usage for emissions unit K049 and K050 combined, in gallons.
  - d. The permittee shall keep monthly records of total usage of cleanup and dilution solvent with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in gallons.
  - e. The rolling 12-month usage of coatings for emissions unit K049 and K050 combined, in gallons.
  - f. The rolling 12-month usage of cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in gallons.
  - g. The rolling 12-month emission of VOC from coatings and cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emissions unit K049 and K050 combined, in tons.
3. As of the applicable compliance date from 40 CFR Part 63, Subpart M, the permittee shall collect and keep all applicable records of the data and information detailed in §63.3930 of that subpart in the manner detailed in §63.3931 of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M.

Page 29 of 168

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: K050

#### **IV. Reporting Requirements**

1. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any daily record showing the usage of coatings in this emissions unit in excess of the 10 gallon per day limit. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the exceedance.
2. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any daily record showing operation of this emission unit without operation of the dry filtration system. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the exceedance.
3. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) in writing of any monthly record showing the use of noncomplying coatings and/or cleanup and dilution solvent material. These notifications shall include a copy of such record and shall be sent to the Director (the Ohio EPA, Southwest District Office) within 30 days following the end of the calendar month.
4. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12 month limitation upon coatings usage for emission units K049 and K050 combined of 400 gallons.
  - b. the rolling, 12 month limitation upon usage of cleanup and dilution solvents with a VOC content greater than zero pounds per gallon for emission units K049 and K050 combined of 60 gallons.

These quarterly deviation (excursion) reports shall be submitted in accordance with Part I - General Terms and Conditions A.1.c.

5. As of the applicable compliance dates from 40 CFR Part 63, Subpart M MMM, the permittee shall submit all applicable reports and notifications detailed in §§63.3910 and 63.3920 of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M MMM.

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

Compliance with the terms and conditions of this permit shall be demonstrated according to the following:

1. **Emission Limitations:**  
Volatile Organic Compounds (VOC) content of coatings shall not exceed 5.62 lbs VOC per gallon as applied, minus water and exempt solvents.

Cleanup and dilution solvents with a VOC content greater than zero shall have a maximum VOC content of 7.19 lbs VOC per gallon.

Applicable compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the VOC content of the coatings. The record keeping requirements contained in Section III.2.a. and III.2.b. shall demonstrate that only materials with these VOC content limitations are applied.

2. Emission Limitation:

Particulate Matter emissions (PM) from this emission unit shall not exceed 0.6 lb PE per hour.

Applicable Compliance Method:

Compliance shall be demonstrated using Method 5, 40 CFR Part 60, Appendix A. In the absence of Ohio EPA requiring such testing, compliance will be assumed provided the permittee has not exceeded the coating usage limitation of 10 gallons per day and has not operated the emissions unit without concurrently operating the dry filtration system.

3. Emission Limitation:

VOC emissions from emissions units K049 and K050 combined shall not exceed 1.34 tons per rolling 12-month period

Applicable Compliance Method:

Compliance with this limitation shall be based on the following calculation and the record keeping in section III:

$$VOC = [ \sum_{i=1}^i CC_i * CV_i + \sum_{j=1}^j SC_j * SV_j ] \div 2000$$

where:

CC<sub>i</sub> = VOC content of coating i, in pounds per gallon

CV<sub>i</sub> = Usage volume of coating i, in gallons

SC<sub>j</sub> = VOC content of cleanup and dilution solvent j, in pounds per gallon

SV<sub>j</sub> = Usage volume of cleanup and dilution solvent j, in gallons

i = total number of unique coatings employed in units K049 and K050

j = total number of unique cleanup and dilution solvents employed in units K049 and K050

1.34 tons limitation was derived by calculating the worst case emissions as follows:

$$1.34 \text{ tons} = [(5.62 \text{ lbs VOC/gallon} * 400 \text{ gallons}) + (7.19 \text{ lbs VOC/gallon} * 60 \text{ gallons})] \div 2000 \text{ lbs/ton}$$

4. Emission Limitation:

The permittee is subject to the HAP content limitations detailed in 40 CFR Part 63, Subpart MMMM §63.3890 as of the applicable compliance date detailed in that subpart.

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: K050**

Applicable Compliance Method:

As of the applicable compliance date from 40 CFR Part 63, Subpart M MMM, the permittee shall demonstrate compliance using the applicable methods detailed in §63.3940 through §63.3968 inclusive, of that subpart, provided the facility meets the definitions of a subject affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart M MMM.

5. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 1.34 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for K049 and K050.

**VI. Miscellaneous Requirements**

None.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
K050 - Dry Filter Spray booth No. 2	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

None

**II. Operational Restrictions**

None

**III. Monitoring and/or Recordkeeping Requirements**

1. The permit to install for this emissions unit (K033) was evaluated based on the actual materials (typically coatings and cleanup materials) and the design parameters of the emissions unit's exhaust system, as specified by the permittee in the permit to install application. The Ohio EPA's "Review of New Sources of Air Toxic Emissions" policy ("Air Toxic Policy") was applied for each pollutant emitted by this emissions unit using data from the permit to install application and the SCREEN 3.0 model. The predicted 1-hour maximum ground-level concentration from the use of the SCREEN 3.0 model was compared to the Maximum Acceptable Ground-Level Concentration (MAGLC). The following summarizes the results of the modeling for the "worst case" pollutant(s):

Pollutant: Xylene

TLV for Nepheline Syenite (mg/m3): 10 mg/m3

Maximum Hourly Emission Rate (g/sec): 0.093

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 20.26

MAGLC (ug/m3): 238.1 ug/m3

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

- a. changes in the composition of the materials used (typically for coatings or cleanup materials), or the use of new materials, that would result in the emission of a compound with a lower Threshold Limit Value (TLV), as indicated in the most recent version of the handbook entitled "American Conference of Governmental Industrial Hygienists (ACGIH)," than the lowest TLV value previously modeled;
- b. changes in the composition of the materials, or use of new materials, that would result in an increase in emissions of any pollutant with a listed TLV that was proposed in the application and modeled; and
- c. physical changes to the emissions unit or its exhaust parameters (e.g., increased/decreased exhaust flow, changes in stack height, changes in stack diameter, etc.).

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

2. The permittee shall collect, record, and retain the following information when it conducts evaluations to determine that the changed emissions unit will still satisfy the “Air Toxic Policy:”
  - a. a description of the parameters changed (composition of materials, new pollutants emitted, change in stack/exhaust parameters, etc.);
  - b. documentation of its evaluation and determination that the changed emissions unit still satisfies the “Air Toxic Policy”; and
  - c. where computer modeling is performed, a copy of the resulting computer model runs that show the results of the application of the “Air Toxic Policy” for the change.

#### IV. Reporting Requirements

None

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: K050**

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P080 - Stamping Press 1-289	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$48.02 \text{ TPY} \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P080 - Stamping Press 1-289	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P081 - Stamping Press 1-269	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$48.02 \text{ TPY} \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P081 - Stamping Press 1-269	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P082 - Stamping Press 1-082	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P082 - Stamping Press 1-082	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P083 - Stamping Press 1-018	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a This emissions unit was installed during June of 1948, and is located in Shelby County. Therefore, this emissions unit is an existing air source not located in a "Priority I" county

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: P083

as indicated in OAC rule 3745-21-06(A). Consequently, this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - c. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - d. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
2. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;

3. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
4. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
5. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

## E. Testing Requirements

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V2_j$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V2_j \leq 5.75$  lbs VOC/gallon;

$G2_j$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G2_j) \leq 16,000 - [\sum_{i=1}^n (G1_i)];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: P083**

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P083 - Stamping Press 1-018	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P084 - Stamping Press 1-176	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a This emissions unit was installed during June of 1963, and is located in Shelby County. Therefore, this emissions unit is an existing air source not located in a "Priority I" county

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: P084

as indicated in OAC rule 3745-21-06(A). Consequently, this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - c. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - d. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
2. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;

3. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
4. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
5. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
 6.76 lbs VOC/gallon of Type 1 lubricating oils  
 5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
 The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum i = 1 \text{ to } n \text{ of } (V1_i)(G1_i)] + [\sum j = 1 \text{ to } n \text{ of } (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

V1<sub>i</sub> = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation: V1<sub>i</sub> ≤ 6.76 lbs VOC/gallon;

G1<sub>i</sub> = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum i = 1 \text{ to } n \text{ of } (G1_i) \leq 4,000;$$

V2<sub>j</sub> = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation: V2<sub>j</sub> ≤ 5.75 lbs VOC/gallon;

G2<sub>j</sub> = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum j = 1 \text{ to } n \text{ of } (G2_j) \leq 16,000 - [\sum i = 1 \text{ to } n \text{ of } (G1_i)];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: P084

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P084 - Stamping Press 1-176	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P085 - Stamping Press 1-213	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P085 - Stamping Press 1-213	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P086 - Stamping Press 1-247	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P086 - Stamping Press 1-247	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P087 - Stamping Press 1-087	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
P087 - Stamping Press 1-087	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P088 - Stamping Press 1-088	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P088 - Stamping Press 1-088	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P089 - Stamping Press 1-248	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P089 - Stamping Press 1-248	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P090 - Stamping Press 1-249	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P090 - Stamping Press 1-249	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P091 - Stamping Press 1-091	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

**American Trim L.L.C.**

**PTI Application: 05-13323**

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**Facility ID: 0575010106**

Emissions Unit ID: P091

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P091 - Stamping Press 1-091	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P092 - Stamping Press 1-251	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P092 - Stamping Press 1-251	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P093 - Stamping Press 1-252	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).
	OAC rule 3745-31-05(C)	The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P093 - Stamping Press 1-252	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P094 - Stamping Press 1-253	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P094 - Stamping Press 1-253	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P095 - Stamping Press 1-272	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P095 - Stamping Press 1-272	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P096 - Stamping Press 1-276	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
P096 - Stamping Press 1-276	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P097 - Stamping Press 1-278	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P097 - Stamping Press 1-278	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P098 - Stamping Press 1-279	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

1. The specific operations(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 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>
P098 - Stamping Press 1-279	OAC rule 3745-31-05	LIMIT(s)

2. **Additional Terms and Conditions**

- 2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P099 - Stamping Press 1-280	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P099 - Stamping Press 1-280	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P100 - Stamping Press 1-286	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P100 - Stamping Press 1-286	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P101 - Stamping Press 1-291	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P101 - Stamping Press 1-291	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P102 - Stamping Press 1-292	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).
	OAC rule 3745-31-05(C)	The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P102 - Stamping Press 1-292	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P103 - Stamping Press 1-293	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P103 - Stamping Press 1-293	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P104 - Stamping Press 1-299	OAC rule 3745-21-07(G)  OAC rule 3745-31-05(A)(3)          OAC rule 3745-31-05(C)	See Section A.2.a.  The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.  The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).  The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P104 - Stamping Press 1-299	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P105 - Roll Former 7-141	OAC rule 3745-21-07(G)	See Section A.2.a.
	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.
		The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.
		The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.
	OAC rule 3745-31-05(C)	The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).
		The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a This emissions unit was installed during November of 1969, and is located in Shelby County. Therefore, this emissions unit is an existing air source not located in a "Priority

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

Emissions Unit ID: P105

I" county as indicated in OAC rule 3745-21-06(A). Consequently, this emissions unit is exempt from the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - c. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - d. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
2. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;

3. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
4. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
5. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

## E. Testing Requirements

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V2_j$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V2_j \leq 5.75$  lbs VOC/gallon;

$G2_j$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G2_j) \leq 16,000 - [\sum_{i=1}^n (G1_i)];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

**American Trim L.L.C.**

**PTI Application: 05-13323**

**Issued: To be entered upon final issuance**

**Facility ID: 0575010106**

**Emissions Unit ID: P105**

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P105 - Roll Former 7-141	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.

**Part III - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)**

**A. State and Federally Enforceable Section**

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

1. The specific operations(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 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>
P106 - Roll Former 7-240	OAC rule 3745-21-07(G)	See Section A.2.a.
	OAC rule 3745-31-05(A)(3)	The volatile organic compound (VOC) content of Type 1 lubricating oils shall not exceed 6.76 pounds per gallon.  The VOC content of Type 2 lubricating oils shall not exceed 5.75 pounds per gallon.
	OAC rule 3745-31-05(C)	The volatile organic compound (VOC) emissions from this emissions unit shall not exceed 48.02 tons as a rolling, 12-month summation.  The requirements of the this rule of include compliance with OAC rule 3745-31-05(C).
	OAC rule 3745-31-05(C)	The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

**2. Additional Terms and Conditions**

- 2.a The liquid organic materials employed by this emissions unit shall not be exposed to temperatures exceeding 220 degrees Fahrenheit, and the boiling points shall exceed 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure. Pursuant to OAC rule

3745-21-07(G)(9)(e), liquid organic materials which exhibit the aforementioned physical properties and are not exposed to temperatures exceeding 220 degrees Fahrenheit are not subject to the requirements of OAC rule 3745-21-07(G).

**B. Operational Restrictions**

1. The maximum annual usage of Type 1 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 4,000 gallons, based upon a rolling, 12-month summation of the Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

2. The maximum annual usage of Type 2 lubricating oils as described in this permit for emissions units P080 through P106, inclusive, shall not exceed 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils, based upon a rolling, 12-month summation of the Type 2 and Type 1 lubricating oil usage figures.

The permittee has sufficient existing records to demonstrate compliance with this limit during the first twelve months after issuance of this permit.

**C. Monitoring and/or Recordkeeping Requirements**

1. The permittee shall maintain monthly records of the following information for emissions units P080 through P106, combined:
  - a. the company name and identification, and type (per this permit, i.e. Type 1 or 2) for each lubricating oil employed;
  - b. whether or not each liquid organic materials employed have boiling points exceeding 200 degrees Fahrenheit at 0.5 millimeter mercury absolute pressure or the materials have been exposed to temperatures exceeding 220 degrees Fahrenheit;
  - c. the volume, in gallons, of each lubricating oil employed per rolling, 12-month summation;
  - d. the VOC content of each lubricating oil solvent employed, in pounds per gallon;
  - e. the rolling 12-month summation of VOC emissions from the lubricating oils employed, i.e., the sum of the usage of each lubricating oil employed multiplied by its respective VOC content.

**D. Reporting Requirements**

The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:

1. any monthly record showing noncompliance with the liquid organic material usage limitation for this emissions unit, i.e., liquid organic materials must not be exposed to temperatures exceeding 220 degrees Fahrenheit and the boiling points must exceed 200 degrees at 0.5 millimeter mercury absolute pressure per OAC rule 3745-21-07(G)(9)(e);
2. any monthly record showing noncompliance with the VOC content limit for Type 1 lubricating oils of 6.76 lbs/gallon;
3. any monthly record showing noncompliance with the VOC content limit for Type 2 lubricating oils of 5.75 lbs/gallon;
4. any monthly record showing noncompliance with the usage limit for Type 1 lubricating oils of 4,000 gallons;
5. any monthly record showing noncompliance with the usage limit for Type 2 lubricating oils of 16,000 gallons less the usage, in gallons, of Type 1 lubricating oils; and
6. any monthly record showing noncompliance with the rolling, 12-month VOC emissions limit of 48.02 tons for emissions units P080 through P106, combined.

**E. Testing Requirements**

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

1. VOC Content Limitation:  
6.76 lbs VOC/gallon of Type 1 lubricating oils  
5.75 lbs VOC/gallon of Type 2 lubricating oils

Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the volatile organic compound content of materials added to this emissions unit.

2. Emission Limitation:  
The combined volatile organic compound (VOC) emissions shall not exceed 48.02 tons as a rolling, 12-month summation for emissions units P080 through P106, inclusive.

Equation:

$$TPY \geq \{[\sum_{i=1}^n (V1_i)(G1_i)] + [\sum_{j=1}^n (V2_j)(G2_j)]\} \div 2000 \text{ lbs/Ton}$$

where

$V1_i$  = VOC content in pounds per gallon of each Type 1 lubricating oil as described in this permit, subject to the following limitation:  $V1_i \leq 6.76$  lbs VOC/gallon;

$G1_i$  = Gallons used of each Type 1 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{i=1}^n (G1_i) \leq 4,000;$$

$V_{2j}$  = VOC content in pounds per gallon of each Type 2 lubricating oil as described in this permit, subject to the following limitation:  $V_{2j} \leq 5.75$  lbs VOC/gallon;

$G_{2j}$  = Gallons used of each Type 2 lubricating oil for the rolling 12 month period, subject to the following limitation:

$$\sum_{j=1}^n (G_{2j}) \leq 16,000 - [\sum_{i=1}^n (G_{1i})];$$

48.02 TPY is calculated based upon the maximum use scenario as follows:

$$48.02 \text{ TPY} = \{[(6.76 \text{ lbs VOC/gallon})(4,000 \text{ gallons/yr Type 1 L.O.})] + [(5.75 \text{ lbs VOC/gallon})(12,000 \text{ gallons/yr Type 2 L.O.})]\} \div 2000 \text{ lbs/Ton}$$

Applicable Compliance Method:

Compliance with the rolling, 12-month VOC emissions limitation shall be determined through the record keeping requirements established in Part II - Section C. of this permit.

3. Emission Limitation:

VOC emissions from this emissions unit shall not exceed 48.02 tons per rolling 12-month period.

Applicable Compliance Method:

Compliance with this limitation shall be based upon compliance with the grouped annual limit for P080 through P106.

**F. Miscellaneous Requirements**

1. Lubricating oil usage limitations in Part II - Section B. of this permit apply only to VOC-containing lubricants.

**B. State Only Enforceable Section**

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

- 1. The specific operations(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 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>
P106 - Roll Former 7-240	OAC rule 3745-31-05	LIMIT(s)

**2. Additional Terms and Conditions**

2.a None.

**II. Operational Restrictions**

None.

**III. Monitoring and/or Recordkeeping Requirements**

None.

**IV. Reporting Requirements**

None.

**V. Testing Requirements**

None.

**VI. Miscellaneous Requirements**

None.