

Synthetic Minor Determination and/or  Netting Determination

Permit To Install: **03-17265**

**A. Source Description**

This permit is for one screen print machine with a UV curing oven (K006) for the coating of miscellaneous metal parts. This emissions unit will be replacing emissions unit K003 (Clean Room #1) which included 5 screen printing machines, 2 roll coaters and 7 natural gas fired ovens.

**B. Facility Emissions and Attainment Status**

The facility is requesting a federally enforceable permit to restrict Hazardous Air Pollutants (HAPs) emissions in order to avoid MACT (40 CFR Part 63, Subpart M). The request for synthetic minor HAP limitations for this emissions unit (K006), will also combine emissions units K004 and K005 from PTI 03-10257, issued on December 14, 2006, which limits HAPs usages to 9.5 tons for any individual HAP per rolling 12-month period and 24.0 tons for any combination of HAPs per rolling 12-month period.

American Trim, L.C.C. is located in Auglaize County which is in attainment for all pollutants.

**C. Source Emissions**

Federally enforceable limits for all sources included in this permit will result in a limitation of all HAPs restricted to 9.5 tons of any individual HAP and 24.0 tons of any combination of HAPs

**D. Conclusion**

With federally enforceable HAP restrictions, the facility will not be applicable to the MACT.



State of Ohio Environmental Protection Agency

**RE: DRAFT PERMIT TO INSTALL  
AUGLAIZE COUNTY**

**CERTIFIED MAIL**

Street Address:

50 West Town Street, Suite 700

Lazarus Gov. Center TELE: (614) 644-3020 FAX: (614) 644-2329

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 03-17265**

**Fac ID: 0306020025**

**DATE: 5/22/2007**

American Trim LLC  
Rajesh Thotakura, P.E.  
1005 West Grand Avenue  
Lima, OH 45365

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, 43216-1049.

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 **\$200** 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*

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

CC: USEPA

NWDO

IN

**AUGLAIZE  
COUNTY**

**PUBLIC NOTICE  
ISSUANCE OF DRAFT PERMIT TO INSTALL 03-17265 FOR AN AIR CONTAMINANT SOURCE  
FOR American Trim LLC**

On 5/22/2007 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **American Trim LLC**, located at **713 S. Maple Street, Wapakoneta, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 03-17265:

**Screen printing with curing oven.**

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.

Don Waltermeyer, Ohio EPA, Northwest District Office, 347 North Dunbridge Road, Bowling Green, OH 43402 [(419)352-8461]



**Permit To Install  
Terms and Conditions**

**Issue Date: To be entered upon final issuance  
Effective Date: To be entered upon final issuance**

**DRAFT PERMIT TO INSTALL 03-17265**

Application Number: 03-17265  
Facility ID: 0306020025  
Permit Fee: **To be entered upon final issuance**  
Name of Facility: American Trim LLC  
Person to Contact: Rajesh Thotakura, P.E.  
Address: 1005 West Grand Avenue  
Lima, OH 45365

Location of proposed air contaminant source(s) [emissions unit(s)]:

**713 S. Maple Street  
Wapakoneta, Ohio**

Description of proposed emissions unit(s):

**Screen printing with curing oven.**

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

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Chris Korleski  
Director

American Trim LLC  
PTI Application: 03-17265  
Issued: To be entered upon final issuance  
Part I - GENERAL TERMS AND CONDITIONS

Facility ID: 0306020025

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

### **3. Records Retention Requirements**

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

### **4. Inspections and Information Requests**

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections,

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

conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and regulations and the terms and conditions of this permit. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon verbal or written request, the permittee shall also furnish to the Director of the Ohio EPA, or an authorized representative of the Director, copies of records required to be kept by this permit.

**5. Scheduled Maintenance/Malfunction Reporting**

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

**6. Permit Transfers**

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

**7. Air Pollution Nuisance**

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

**8. 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.

**9. 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

**American Trim LLC**  
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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.

**10. 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.

**11. Applicability**

This Permit To Install is applicable only to the emissions unit(s) identified in the Permit To Install. Separate Permit To Install for the installation or modification of any other emissions unit(s) are required for any emissions unit for which a Permit To Install is required.

**12. Best Available Technology**

As specified in OAC Rule 3745-31-05, all new sources must employ Best Available

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Technology (BAT). Compliance with the terms and conditions of this permit will fulfill this requirement.

**13. Source Operation and Operating Permit Requirements After Completion of Construction**

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This 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 emissions unit(s) covered by this permit.

**14. Construction Compliance Certification**

The applicant shall provide Ohio EPA with a written certification (see enclosed form) 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.

**15. 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.

**B. 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

**Pollutant**  
HAPs

**Tons Per Year**  
9.5 tons  
individual and 24.0  
tons combined

## PART II - SPECIAL TERMS AND CONDITIONS FOR SPECIFIC EMISSIONS UNIT(S)

### A. 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.

#### Operations, Property, and/or Equipment - (K006) - Screen Print Machine with UV Curing Oven.

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
ORC 3704.03(T)(4)	See A.2.a.
OAC rule 3745-21-09(U)(1)(i)	3.0 pounds of volatile organic compound (VOC) per gallon of coating, excluding water and exempt solvents, that are not regulated under paragraphs (U)(1)(a) to (U)(1)(h) of this rule.
OAC rule 3745-31-05(C)	9.5 tons per rolling, 12-month period for any individual HAP and 24.0 tons per rolling, 12-month period for any combination of HAPs for emissions units K004, K005 and K006, combined (See A.2.b).

### 2. Additional Terms and Conditions

- 2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to VOC emissions from this air contaminant source since the calculated annual emission rate for VOC is less than ten tons per year taking into account the federally enforceable rule limit of 3.0 pounds of VOC per gallon of coating, excluding water and exempt solvents that are not regulated under paragraphs (U)(1)(a) to (U)(1)(h) under OAC rule 3745-21-09 (U)(1)(i).

- 2.b This permit establishes federally enforceable limitations of 9.5 tons of any individual Hazardous Air Pollutant (HAP), as defined in Section 112(b) of the Clean Air Act, and 24.0 tons of combined HAPs per rolling, 12-month period for emissions units K004, K005 and K006, combined, for the purposes of avoiding the requirements of 40 CFR Part 63, Subpart Mmmm.

Rolling emission limitations for Screen Printing Coating operations were initially established in Permit to Install (PTI) #03-10257 issued on December 14, 2006 and, as such, rolling HAP emission records exist. The applicant shall use the existing records to determine compliance upon startup under this permit.

**American Trim LLC**  
**DTI Application: 03 17265**

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Emissions Unit ID: **K006**

Therefore, it is not necessary to establish federally enforceable restrictions for the first 12 months of operation under the provisions of this permit.

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**B. Operational Restrictions**

None

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

1. The permittee shall collect and record the following information each month for all coatings employed in this emissions unit (K006):
  - a. the name and identification number of each coating employed;
  - b. the VOC content of each coating (excluding water and exempt solvents), as applied, in lbs/gal [the VOC content excluding water and exempt solvents shall be calculated in accordance with the equation specified in paragraph (B) (8) of OAC rule 3745-21-10 for  $C_{VOC,2}$ ];

Note: The information required above must be recorded for the materials as applied, including any thinning solvents added at the emissions unit.

2. In order to demonstrate compliance with the rolling, 12-month HAP emission limitations, the permittee shall collect and record the following information for emissions units K004, K005 and K006, combined:
  - a. the company identification of each coating employed;
  - b. the pounds per gallon of each individual HAP in each coating, as applied;
  - c. the number of gallons of each coating employed;
  - d. the emission rate, in pounds, for each individual HAP from each coating employed [(b) x (c)];
  - e. the total emission rate for each individual HAP from all coatings employed [summation of (d) for each individual HAP], in pounds per month;
  - f. the total HAP emission rate for the combination of all HAPs from all coatings employed [summation of (e)], in pounds per month; and
  - g. the rolling, 12-month individual HAP and combined HAPs emission rates, in tons.

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Note: The coating information recorded above must be for the materials as employed, including any thinning solvents added at the emissions unit.

3. The permit to install for emissions unit K006 was evaluated based on the actual materials (typically coatings 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 (or other Ohio EPA approved 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: Toluene

TLV (mg/m<sup>3</sup>): 50 ppm

Maximum Hourly Emission Rate (lbs/hr): 3.0 lbs/gal

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m<sup>3</sup>): 13.81

MAGLC (ug/m<sup>3</sup>): 3511

4. 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 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.,

Emissions Unit ID: **K006**

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 solely due to the emissions of any type of toxic air contaminant not previously emitted, and a modification of the existing permit to install will not be required, even if the toxic air contaminant emissions are greater than the de minimis level in OAC rule 3745-15-05. If the change(s) is (are) defined as a modification under other provisions of the modification definition, then the permittee shall obtain a final permit to install prior to the change.

5. 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.

#### **D. Reporting Requirements**

1. The permittee shall notify the Northwest District Office in writing of any monthly record showing the use of noncomplying coatings (i.e., with VOC contents exceeding the 3.0 lbs of VOC/gallon excluding water and exempt solvents) in this emissions unit. The notification shall include a copy of such record and shall be sent to the Northwest District Office within 30 days following the end of the calendar month.
2. The permittee shall submit quarterly deviation (excursion) reports for emissions units K004, K005 and K006, combined which identify all exceedances of the rolling, 12-month individual HAP and combined HAPs emission limitations of 9.5 and 24.0 tons, respectively.

These reports shall be submitted in accordance with the General Terms and Conditions of this permit.

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

**E. Testing Requirements**

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

- a. Emission Limitation:

- 3.0 pounds volatile organic compounds (VOC) per gallon of coating excluding water and exempt solvents [for miscellaneous metal coatings not regulated under paragraphs (U)(1)(a) to (U)(1)(h) of OAC rule 3745-21-09].

- Applicable Compliance Method:

- Compliance shall be based upon the record keeping requirements in section C.1. Formulation data or U.S. EPA Method 24 shall be used to determine the VOC content of the coatings.

- b. Emission Limitation

- Combined limits for emissions units K004, K005 and K006:

- 9.5 tons individual HAP per rolling, 12-month period

- 24.0 tons combined HAPs per rolling, 12-month period

- Applicable Compliance Method

- The permittee shall demonstrate compliance with these emission limitations in accordance with the record keeping requirements specified in Section C.2 of this permit.

**F. Miscellaneous Requirements**

None