



State of Ohio Environmental Protection Agency

**RE: FINAL PERMIT TO INSTALL MODIFICATION  
SHELBY COUNTY**

**CERTIFIED MAIL**

Street Address:

122 S. Front Street

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

Mailing Address:

Lazarus Gov. Center  
P.O. Box 1049

**Application No: 05-07815**

**Fac ID: 0575010106**

**DATE: 10/7/2004**

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

Enclosed Please find a modification to the Ohio EPA Permit To Install referenced above which will modify the terms and conditions.

You are hereby notified that this action by the Director is final and may be appealed to the Ohio Environmental Review Appeals Commission pursuant to Chapter 3745.04 of the Ohio Revised Code. The appeal must be in writing and set forth the action complained of and the grounds upon which the appeal is based. It must be filed within thirty (30) days after the notice of the Directors action. A copy of the appeal must be served on the Director of the Ohio Environmental Protection Agency within three (3) days of filing with the Commission. An appeal may be filed with the Environmental Review Appeals Commission at the following address:

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

Sincerely,

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

cc: USEPA

SWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 10/7/2004  
Effective Date: 10/7/2004**

**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 05-07815**

Application Number: 05-07815  
Facility ID: 0575010106  
Permit Fee: **\$200**  
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):  
**Modification to emission unit K046, E-Coat Line.**

The above named entity is hereby granted a modification to the permit to install described above pursuant to Chapter 3745-31 of the Ohio Administrative Code. Issuance of this modification 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 source(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 included in the application, the above described source(s) of pollutants will be granted the necessary operating permits.

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

**American Trim L.L.C.**  
**PTI Application: 05-07815**  
**Modification Issued: 10/7/2004**

**Facility ID: 0575010106**

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.

American Trim L.L.C.  
PTI Application: 05-07815  
Modification Issued: 10/7/2004

Facility ID: 0575010106

**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

**American Trim L.L.C.**  
**PTI Application: 05-07815**  
**Modification Issued: 10/7/2004**

**Facility ID: 0575010106**

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**

**American Trim L.L.C.**  
**PTI Application: 05-07815**  
**Modification Issued: 10/7/2004**

**Facility ID: 0575010106**

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	9.93 + 0.10 (oven)
NOx	1.88 (oven)
CO	1.58 (oven)
PM	0.14 (oven)
SO2	0.01 (oven)

**American Trim L.L.C.**  
**PTI Application: 05-07815**  
**Modification Issued: 10/7/2004**

**Facility ID: 0575010106**

## **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 definition of an affected source as defined in §§63.3881 and 63.3882 of 40 CFR Part 63, Subpart Mmmm (MACT Mmmm), the emissions units subject to MACT Mmmm shall comply with the requirements of MACT Mmmm by the compliance date of January 2, 2007. 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 facility-wide portion of the permit to install for emission unit K033 (PTI 05-06273).

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

None.

American Trim L.L.C.  
PTI Application: 05 07015  
Modif

Facility ID: 0575010106

Emissions Unit ID: K046

**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.

Operations, Property,  
and/or Equipment

Applicable Rules/Requirements

K046 - E-Coat Line, with  
electrodeposition tank and  
natural gas-fired oven

OAC rule 3745-31-05(A)

OAC rule 3745-17-10(B)

40 CFR Part 63, Subpart M

OAC rule 3745-31-05(C)

**Ameri**

**PTI A**

**Modification Issued: 10/7/2004**

Emissions Unit ID: **K046**

Applicable Emissions  
Limitations/Control  
Measures

The Volatile Organic Compounds (VOC) content of replenishment material used in this emissions unit shall not exceed 0.19 lb/gallon, as applied

See A.2.b, below.

The VOC content of cleanup materials employed on this emission unit shall not exceed 0.68 lbVOC/lb cleanup material

The emissions from natural gas combustion in the drying ovens shall not exceed the following:

- 0.429 lb/hr and 1.88 tons/yr NOx;
- 0.36 lb/hr and 1.58 tons/yr CO;
- 0.033 lb/hr and 0.14 ton/yr filterable PM;
- 0.003 lb/hr and 0.01 ton/yr SO2; and
- 0.024 lb/hr and 0.1 ton/yr VOC.

See A.2.a, below.

The maximum replenishment material usage for this emissions unit shall not

exceed 100,000 gallons per rolling 12-month period.

The maximum cleanup material usage for this emissions unit shall not exceed 150 gallons per rolling 12-month period.

Emissions of VOC excluding oven emissions shall not exceed 9.93 tons per rolling 12-month period

0.02 lb PE per mmBtu for the drying oven

See Part II.A of this permit.

**2. Additional Terms and Conditions**

- 2.a** The emission limitations for PM10, SO2, NOx, CO and VOC from combustion of natural gas in the drying oven is established to reflect potential to emit for this emissions unit. Therefore, record keeping and reporting requirements are not necessary to ensure compliance with these limits.
- 2.b** This limitation, for the Powerchon 590 Black coating, calculates to 0.64 lb VOC per gallon of coating minus water and exempt solvents, and is more stringent than the limits found in OAC rule 3745-21-09(U).

**II. Operational Restrictions**

1. The permittee shall burn only natural gas in this emissions unit.
2. 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 collect and record the following information each month for this emissions unit:
  - a. the name and identification number of each coating, and cleanup material, as applied;
  - b. the VOC content of each coating, as applied;
  - c. the VOC content of each cleanup material employed;
  - d. the volume in gallons of each coating employed;
  - e. the volume in gallons of each cleanup material employed;
  - f. the monthly VOC emissions from the coatings, and cleanup materials employed, i.e., multiply the monthly volume, in gallons, of each coating and cleanup/pan solvent material employed by its respective VOC content, and summarize the results;
  - g. the rolling, 12 month usage summation for coatings, and cleanup materials employed; and

- h. the rolling, 12 month summation of VOC emissions from the coating, and cleanup material employed, prior to any credit for recovered materials.
2. For each day during which the permittee burns fuel other than natural gas or propane in this emissions unit, the permittee shall maintain a record of the type and quantity of fuel burned.
3. As of the applicable compliance date from 40 CFR Part 63, Subpart M MMM, 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 MMM..

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

1. 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 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.
2. The permittee shall submit quarterly deviation (excursion) reports which identify all exceedances of the following:
  - a. the rolling, 12 month usage limitation for coatings replenishment materials of 100,000 gallons;
  - b. the rolling, 12 month usage limitation for cleanup materials of 150 gallons;

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

3. The permittee shall notify the Director (the Ohio EPA, Southwest District Office) of any record showing the use of a fuel other than natural gas in this emissions unit. The notification 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. 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**

## 1. Emission Limitations:

The VOC content of replenishment material used in this emissions unit shall not exceed 0.19 lb/gallon.

The VOC content of cleanup materials employed on this emission unit shall not exceed 0.68 lb VOC/lb of cleanup material

## Applicable Compliance Method:

Formulation data or USEPA Method 24 shall be used to determine the VOC content of the coatings and cleanup materials. The record keeping requirements contained in Section III.1 shall demonstrate that only materials with these VOC content limitations are applied.

## 2. The emissions from natural gas combustion in the drying ovens shall not exceed the following:

0.429 lb/hr and 1.88 tons/yr NO<sub>x</sub>;

0.36 lb/hr and 1.58 tons/yr CO;

0.033 lb/hr and 0.14 ton/yr filterable PM;

0.003 lb/hr and 0.01 ton/yr SO<sub>2</sub>; and

0.024 lb/hr and 0.1 ton/yr VOC.

## Applicable Compliance Method:

Compliance with the limits for natural gas combustion within the drying ovens shall be based upon the emission factors from AP-42 "Compilation of Air Pollutant Emission Factors", Tables 1.4-1 and 1.4-2 (7/98). These emission factors (lb pollutant/10<sup>6</sup> scf) multiplied by the maximum hourly gas burning capacity of the burners (4.375 mmBtu) and times 1 scf/1020 Btu shall be the demonstration of compliance with the hourly limits. Compliance with the ton per year limits are documented by multiplying the calculated hourly limits by 8760 hours in a year and dividing by 2000 pounds.

## 3. Emission Limitation:

Emissions of VOC excluding oven emissions shall not exceed 9.93 tons per rolling 12-month period.

## Applicable Compliance Method:

Compliance shall be assumed so long as the permittee does not exceed the VOC content limitations for both coatings (0.19 lb/gallon) and cleanup materials (0.68 lb/lb of cleanup material), nor the usage limitations for coatings (100,000 gallons) and cleanup materials ( 150 gallons). Compliance may also be demonstrated through the following calculation:

American Trim L.L.C.  
PTI Application: 05 07915  
Modif

Facility ID: 0575010106

Emissions Unit ID: K046

$$9.93 \quad \text{tonsVOC} \geq \sum_{n=1}^i \frac{(P_i)(\text{VOC}_i)[1 - (\text{capture} * \text{DRE})]}{2000 \text{ lbs/ton}}$$

where:

$P_i$  = usage of coating  $i$  or cleanup material  $i$  in gallons

$VOC_i$  = volatile Organic compound content of coating  $i$  or cleanup material  $i$  in pounds  
VOC per gallon.

capture = the capture efficiency, assumed to be 0%

DRE = destruction removal efficiency of any control device, 0% without controls

$i$  = total number of unique coatings and cleanup materials used in this emissions unit during the 12-month period.

4. Emission Limitation:  
0.02 lb PE per mmBtu for the drying oven

Applicable Compliance Method:

Compliance with this limit shall be based upon the requirement for burning only natural gas for this emissions unit. If required, the permittee shall demonstrate compliance with this emissions limitation through a compliance demonstration performed in accordance with 40 CFR Part 60, Appendix A, Method 1 thru 5 and the procedures specified in OAC rule 3745-17-03(B)(10).

5. 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.

Applicable Compliance Method:

As of the applicable compliance date from 40 CFR Part 63, Subpart Mmmm, 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 Mmmm.

## VI. Miscellaneous Requirements

None

Modification Issued: 10/7/2004

**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>
K046 - E-Coat Line, with electrodeposition tank and natural gas-fired oven	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**

1. The permit to install for this emissions unit (K046) 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: Carbon Black

TLV (mg/m3): 3.5 mg/m3

Maximum Hourly Emission Rate (g/sec): 0.133

Predicted 1-Hour Maximum Ground-Level Concentration (ug/m3): 40.08

MAGLC (ug/m3): 83.33

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., 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.);

**American Trim L.L.C.**  
**PTI Application: 05 07015**  
**Modif**

**Facility ID: 0575010106**

Emissions Unit ID: **K046**

- 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.

22

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**PTI A**

**Modification Issued: 10/7/2004**

Emissions Unit ID: **K046**

**V. Testing Requirements**

None

**VI. Miscellaneous Requirements**

None