



State of Ohio Environmental Protection Agency

Street Address:

Mailing Address:

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

Lazarus Gov. Center

RE: DRAFT PERMIT TO INSTALL MODIFICATION CERTIFIED MAIL  
SENECA COUNTY  
Application No: 03-05559  
Fac ID: 0374010194

DATE: 10/26/2006

Alpha Coatings Inc - Fostoria Division  
Darrell Prebble  
P.O. Box 1006  
Fostoria, OH 44830

You are hereby notified that the Ohio Environmental Protection Agency has made a draft action recommending that the Director issue a Permit to Install modification for the air contaminant source(s) [emissions unit(s)] shown on the enclosed draft permit modification. 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 modification 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 modification 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 modification 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.

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

cc: USEPA

NWDO

MI

SENECA COUNTY

PUBLIC NOTICE

ISSUANCE OF DRAFT PERMIT TO INSTALL **03-05559** FOR AN AIR CONTAMINANT SOURCE FOR  
**Alpha Coatings Inc - Fostoria Division**

On 10/26/2006 the Director of the Ohio Environmental Protection Agency issued a draft action of a Permit To Install an air contaminant source for **Alpha Coatings Inc - Fostoria Division**, located at **1100 N Main St, Fostoria, Ohio**.

Installation of the air contaminant source identified below may proceed upon final issuance of Permit To Install 03-05559:

**Modification to PTI to add HAP emission restrictions.**

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 MODIFICATION OF PERMIT TO INSTALL 03-05559**

Application Number: **03-05559**  
APS Premise Number: **0374010194**  
Permit Fee: **\$ To be entered upon final issuance**  
Name of Facility: **Alpha Coatings Inc - Fostoria Division**  
Person to Contact: **Darrell Prebble**  
Address: **P.O. Box 1006  
Fostoria, OH 44830**

Location of proposed air contaminant source(s) [emissions unit(s)]:  
**1100 N Main St  
Fostoria, OHIO**

Description of modification:  
**Modification to PTI to add HAP emission restrictions.**

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

**Alpha Coatings Inc - Fostoria Division**

Facility ID: **0374010194**

**PTI Application: 03-05559**

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

## **GENERAL PERMIT CONDITIONS**

### **TERMINATION OF PERMIT TO INSTALL**

Substantial construction for installation must take place within 18 months of the effective date of this permit. 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.

### **NOTICE OF INSPECTION**

The Director of the Ohio Environmental Protection Agency, or his authorized representatives, may enter upon the premises of the above-named applicant during construction and operation at any reasonable time for the purpose of making inspections, conducting tests, or to examine records or reports pertaining to the construction, modification or installation of the source(s) of environmental pollutants identified within this permit.

### **CONSTRUCTION OF NEW SOURCES**

The proposed source(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 are inadequate or cannot meet applicable standards.

If the construction of the proposed source(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 Ohio Administrative Code (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 applicable standards.

### **PERMIT TO INSTALL FEE**

In accordance with Ohio Revised Code 3745.11, the specified Permit to Install fee must be remitted within 30 days of the effective date of this permit to install.

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-05559**  
**Modification Issued: To be entered upon final issuance**

Facility ID: **0374010194**

### **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.

### **APPLICABILITY**

This Permit to Install is applicable only to the contaminant sources identified. Separate application must be made to the Director for the installation or modification of any other contaminant sources.

### **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.

### **PERMIT TO OPERATE APPLICATION AND OPERATION AFTER COMPLETION OF CONSTRUCTION**

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).

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.

### **SOURCE OPERATION 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 and regulations.

Alpha Coatings Inc - Fostoria Division

Facility ID: 0374010194

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**AIR EMISSION SUMMARY**

<u>Ohio EPA Source Number</u>	and R003, as a group (modification)	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>
P001		Wheelabrator Shot Blast Unit	Use of Baghouse As Control Device	3745-31-05 3745-17-07 3745-17-11
P002		Panghorn Shot Blast Unit	Use of Baghouse As Control Device	3745-31-05 3745-17-07 3745-17-11
K001		Misc. Metal Parts Coating Line With Oven (Adhesive Primer)	Compliance with R.A.C.T.	3745-31-05 3745-21-09(U)(2)(e)
K002		Misc. Metal Parts Coating Line With Oven (Adhesive)	Compliance with R.A.C.T.	3745-31-05 3745-21-09(U)(2)(e)
K002, K003, K004, K005, R002,				3745-31-05(C)

**Alpha Coatings Inc - Fostoria Division**Facility ID: **0374010194****PTI Application: 03-05559****Modification Issued: To be entered upon final issuance**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
Permit Allowable Mass Emissions and/or Control/Usage Requirements	Not to Exceed 10 Gallons Per Day of Coating Material			
0.31 lb/hr TSP	86.1 lb VOC/Day			
	9.9 tons per rolling, 12-month period for any individual HAP and 24.9 tons per rolling, 12-month period for any combination of HAPs			
0.61 lb/hr TSP				
	Not to Exceed 10 Gallons Per Day of Coating Material			
	62.4 lb VOC/Day			

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-05559**  
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Facility ID: **0374010194**

<u>Ohio EPA Source Number</u>	<u>Source Identification Number</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
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**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-05559**  
**Modification Issued: To be entered upon final issuance**

Facility ID: **0374010194**

**SUMMARY**  
**TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS**

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	27.10
TSP	4.03
HAPs	9.9 tons individual and 24.9 tons combined

**WASTE DISPOSAL**

The owner/operator shall comply with any applicable state and federal requirements governing the storage, treatment, transport and disposal of any waste material generated by the operation of the sources.

**MAINTENANCE OF EQUIPMENT**

This source and its associated air pollution control system(s) shall be maintained regularly in accordance with good engineering practices and the recommendations of the respective manufacturers in order to minimize air contaminant emissions.

**AIR POLLUTION NUISANCES PROHIBITED**

The air contaminant source(s) identified in this permit may not cause a public nuisance in violation of OAC Rule 3745-15-07.

**ADDITIONAL SPECIAL TERMS AND CONDITIONS**

1. Alpha Coatings, Inc. shall not employ more than ten gallons of coating materials in Sources K001 and K002 in any one day.
2. In conjunction with Condition #1, Alpha Coatings, Inc. shall maintain daily records which list the following information for each surface coating/cleanup material employed in Sources K001 and K002:
  - A. Company I.D. of the coating/cleanup material.

**Alpha Coatings Inc - Fostoria Division**

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- B. The number of gallons employed per day.
- C. The VOC content, in percent by volume.
- D. The VOC density, in pounds per gallon.
- E. The water content, in percent by volume (if any).
- F. The nonvolatile (solids) content, in percent by volume.
- G. The number of hours each source operated.

**Alpha Coatings Inc - Fostoria Division**

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These daily records, as well as any supporting coating analysis computations, shall be retained in the company's files for a period of not less than two years and shall be made available to the Director or any authorized representative of the Director for review during normal business hours.

3. The permittee has requested federally enforceable limitations of 9.9 tons of any individual Hazardous Air Pollutant (HAP), as defined in Section 112(b) of the Clean Air Act, and 24.9 tons of combined HAPs per rolling, 12-month period for emissions units K002, K003, K004, K005, R002, and R003, combined, for the purposes of avoiding the requirements of 40 CFR Part 63, Subpart M (emissions unit R003 was originally permitted as emissions unit K001 in PTI #03-05559, issued 3/13/91).

To ensure federal enforceability during the first 12 calendar months of operation, the permittee shall not exceed the HAP emission rates specified in the following table:

**Maximum Allowable Cumulative HAP Emission Rates (tons)**

<b><u>Month(s)</u></b>	<b><u>Individual HAP</u></b>	<b><u>Combined HAPs</u></b>
1-1	0.83	2.08
1-2	1.65	4.15
1-3	2.48	6.23
1-4	3.30	8.30
1-5	4.13	10.38
1-6	4.95	12.45
1-7	5.78	14.53
1-8	6.60	16.60
1-9	7.43	18.68
1-10	8.25	20.75
1-11	9.08	22.83
1-12	9.9	24.9

After the first 12 calendar months of operation, compliance with the annual HAP emission limitations shall be based upon a rolling, 12-month summation of the monthly HAP emission rates for emissions units K002, K003, K004, K005, R002, and R003, combined.

4. 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 K002, K003, K004, K005, R002, and R003, combined:
- A. The company identification of each coating employed.

**Alpha Coatings Inc - Fostoria Division**

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- B. The pounds per gallon of each HAP in each coating, as applied.
- C. The number of gallons of each coating employed.
- D. The emission rate, in pounds, for each HAP from each coating employed [(b) x (c)].
- E. The total emission rate for each HAP from all coatings employed [summation of (d) for each 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.
- G. For the first 12 months of operation following the issuance of this permit, the cumulative monthly emission rate of each individual HAP and the combination of all HAPs, in tons per month.
- H. After the first 12 months of operation under the provisions of this permit, the annual emissions of each HAP and the combination of all HAPs, based upon a rolling 12-month summation.

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

- 5. The permittee shall submit quarterly deviation (excursion) reports for emissions units K002, K003, K004, K005, R002, and R003, combined, as follows:
  - A. For the first 12 calendar months of operation, the permittee shall submit deviation (excursion) reports, which identify any exceedances of the maximum allowable cumulative HAP emission levels specified in Additional Special Terms and Conditions #3.
  - B. After the first 12 calendar months of operation, the permittee shall submit deviation (excursion) reports, which identify any exceedances of the rolling, 12-month HAP emission limitations.

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.

### **Synthetic Minor Determination**

- A. Source Description

**Alpha Coatings Inc - Fostoria Division**

Facility ID: **0374010194**

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Alpha Coatings, Inc - Fostoria Plant involves eight coating operations for metal and non-metal parts.

**Alpha Coatings Inc - Fostoria Division**

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B. Facility Emissions and Attainment Status

The issuance of this proposed permit will establish Alpha Coatings, Inc. as a minor stationary source for Maximum Achievable Control Technology (MACT) applicability by the establishment of synthetic minor limitation on HAPs. American Trim, L.L.C. is located in Seneca County which is in attainment for all criteria pollutants

C. Source Emissions

The proposed permit will also establish the following HAP limitations:

9.9 tons/rolling 12-month period for any individual HAP from all coating operations (emissions unit K002, K003, K004, K005, R002, & R003 combined)

24.9 tons/rolling 12-month period for any combination of HAPs from all coating operations (emissions unit K002, K003, K004, K005, R002, & R003 combined)

D. Conclusion

The establishment of synthetic minor limitations on HAPs will establish Alpha Coating, Inc - Fostoria Plant as a minor stationary source for MACT applicability.