



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: **FINAL PERMIT TO INSTALL MODIFICATION** CERTIFIED MAIL  
SENECA COUNTY  
Application No: 03-08603

DATE: 12/7/2006

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

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

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

Sincerely,

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

CC: USEPA

NWDO



**Permit To Install  
Terms and Conditions**

**Issue Date: 12/7/2006  
Effective Date: 12/7/2006**

**FINAL ADMINISTRATIVE MODIFICATION OF PERMIT TO INSTALL 03-08603**

Application Number: **03-08603**  
APS Premise Number: **0374010194**  
Permit Fee: **\$300**  
Name of Facility: **Alpha Coatings Inc - Fostoria Division Prebble**  
Person to Contact: **Darrell**  
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**

**PTI Application: 03-08603**

**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

## **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 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.

### **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: 03-08603**  
**Modification Issued: 12/7/2006**

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.

### **SOURCE OPERATION AND OPERATING PERMIT REQUIREMENTS 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.

5

**Alpha Coatings Inc - Fostoria Division**

**PTI Application: 03-08603**

**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
-------------------------------	-------------------------------------	--------------------------	---	--

**AIR EMISSION SUMMARY**

The air contaminant emissions units listed below comprise the Permit to Install for **Alpha Coatings, Inc. - Fostoria Plant** located in **SENECA** County. The emissions units listed below shall not exceed the emission limits/control requirements contained in the table. This condition in no way limits the applicability of any other state or federal regulations. Additionally, this condition does not limit the applicability of additional special terms and conditions of this permit.

<u>Ohio EPA Source Number</u>	<u>Source Identification Description</u>	<u>BAT Determination</u>	<u>Applicable Federal &amp; OAC Rules</u>	<u>Permit Allowable Mass Emissions and/or Control/Usage Requirements</u>
K003	Spray Booth #3	Compliance with terms and conditions in this permit.	3745-31-05 3745-21-09(U)(2)(e)	55.7 lbs VOC/day <10 gals coating/day
K004	Spray Booth #4	Compliance with terms and conditions in this permit.	3745-31-05 3745-21-09(U)(2)(e)	71.4 lbs VOC/day <10 gals coating/day
K005	Roll Coat #1	Compliance with terms and conditions in this permit.	3745-31-05 3745-21-09(U)(2)(e)	50.4 lbs VOC/day <10 gals coating/day
K002, K003, K004, K005, R002, and R003, as a group (modification)			3745-31-05(C)	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

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

<u>Ohio</u> <u>EPA</u> <u>Source</u> <u>Number</u>	<u>Source</u> <u>Identification</u> <u>Number</u>	<u>BAT</u> <u>Determination</u>	<u>Applicable Federal &amp;</u> <u>OAC Rules</u>	<u>Permit Allowable</u> <u>Mass Emissions</u> <u>and/or Control/Usage</u> <u>Requirements</u>
---	---	------------------------------------	---	--

8

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

Ohio EPA Source <u>Number</u>	Source Identification <u>Number</u>	BAT <u>Determination</u>	Applicable Federal & <u>OAC Rules</u>	Permit Allowable Mass Emissions and/or Control/Usage <u>Requirements</u>
--	---	-----------------------------	--	---

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

<u>Pollutant</u>	<u>Tons/Year</u>
VOC	32.32
HAPs	9.9 tons individual and 24.9 tons combined

**RECORD(S) RETENTION AND AVAILABILITY**

All records required by this Permit to Install shall be retained on file for a period of not less than three years unless otherwise indicated by Ohio Environmental Protection Agency. All records shall be made available to the Director, or any representative of the Director, for review during normal business hours.

**REPORTING REQUIREMENTS**

Unless otherwise specified, reports required by the Permit to Install need only be submitted to **Northwest District Office - DAPC, 347 North Dunbridge Road, P.O. Box 466, Bowling Green, Ohio 43402.**

**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.

**MALFUNCTION/ABATEMENT**

In accordance with OAC RULE 3745-15-06, any malfunction of the source(s) or associated air pollution control system(s) shall be reported immediately to the **Northwest District Office - DAPC, 347 North Dunbridge Road, P.O. Box 466, Bowling Green, Ohio 43402.**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

<u>Ohio</u> <u>EPA</u> <u>Source</u> <u>Number</u>	<u>Source</u> <u>Identification</u> <u>Number</u>	<u>BAT</u> <u>Determination</u>	<u>Applicable Federal &amp;</u> <u>OAC Rules</u>	<u>Permit Allowable</u> <u>Mass Emissions</u> <u>and/or Control/Usage</u> <u>Requirements</u>
---	---	------------------------------------	---	--

Except as provided by OAC Rule 3745-15-06(A)(3), scheduled maintenance of air pollution control equipment that requires the shutdown or bypassing of air pollution control system(s) must be accompanied by the shutdown of the associated air pollution sources.

11

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
-------------------------------	-------------------------------------	--------------------------	---	--

**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. The company is subject to the following emission limitations/coating usage restrictions:
  - i. Sources K003, K004, K005 shall employ no more than 10 gallons per day of coating per source.
  - ii. Emissions from source K003 shall not exceed the following:
    1. short term emission limitation: 55.7 lbs VOC/day;
    2. long term emission limitation: 10.1 tons VOC/year; and
    3. VOC contents of coatings shall not exceed 5.57 lbs VOC/gallon "as applied".
  - iii. Emissions from source K004 shall not exceed the following:
    1. short term emission limitation: 71.4 lbs VOC/day;
    2. long term emission limitation: 13.03 tons VOC/year; and
    3. VOC contents of coatings shall not exceed 7.14 lbs VOC/gallon "as applied".
  - iv. Emissions from source K005 shall not exceed the following:
    1. short term emission limitation: 50.4 lbs VOC/day;
    2. long term emission limitation: 9.19 tons VOC/year; and
    3. VOC contents of coatings shall not exceed 5.04 lbs VOC/gallon "as applied".

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: 0374010194

2. 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.

3. Alpha Coatings shall only use the coatings contained in the Permit-to-Install (PTI) application, dated August 10, 1995. Any changes in the compositions of these coatings not previously listed, require prior notification and approval by the Ohio EPA, Northwest District Office.
4. The company shall maintain daily records which list the following information for coatings employed in sources K003, K004, and K005:
- A. company I.D. of the coating;

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
---	---	------------------------------	---	--

- B. the number of gallons of each coating employed per day;
- C. the VOC content of each coating in lbs/gallon "as applied"; and
- D. the amount of VOC emitted (lbs/day and tons/year).

15

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
-------------------------------	-------------------------------------	--------------------------	---	--

These records shall be maintained on company file for a period of no less than three years and be made available to the Director or any authorized representative of the Director for review during normal business hours.

5. 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;
  - 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, and
  - 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.

6. The permittee shall submit quarterly deviation (excursion) reports for emissions units K002, K003, K004, K005, R002, and R003, combined, as follows:

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: 0374010194

- 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 #2.
- 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.

- 7. The company shall immediately (within 5 working days) notify the Ohio EPA, Northwest District Office (NWDO) of any exceedance of the emission/coating restrictions of this permit. As per 3745-21-09(B)(3)(e), a copy of such record shall be submitted to the Ohio EPA (NWDO) within 45 days after the exceedance.
- 8. The company shall submit quarterly reports documenting any exceedance of the emission limitations/coating restrictions of this permit to the Ohio EPA (NWDO).

For each exceedance, the company shall also provide the following additional information:

- A. the cause of the excursion; and
- B. the action that has been taken and/or will be taken to correct the violation and prevent further occurrences.

The report shall be submitted by January 15, April 15, July 15 and October 15 of each year and shall cover the previous 3 month period. If no exceedances occurred, a report stating that fact is still required.

- 9. All reports are to be submitted to Ohio EPA, NWDO, 347 N. Dunbridge Rd., Bowling Green, Ohio 43402.

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
-------------------------------	-------------------------------------	--------------------------	---	--

**Synthetic Minor Determination**

A. Source Description

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

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

19

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

Facility ID: **0374010194**

**Alpha Coatings Inc - Fostoria Division**  
**PTI Application: 03-08603**  
**Modification Issued: 12/7/2006**

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>
-------------------------------	-------------------------------------	--------------------------	---	--

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.