State of Ohio Environmental Protection Agency

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

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

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

RE: FINAL PERMIT TO INSTALL
PICKAWAY COUNTY
Application No: 01-08785

CERTIFIED MAIL

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

DATE: 5/6/2004

ALSCO Metals Ashville Facility
Chris Brown
1 Reynolds Road
Ashville, OH 43103

Enclosed please find an Ohio EPA Permit to Install which will allow you to install the described source(s) in a manner indicated in the permit. Because this permit contains several conditions and restrictions, I urge you to read it carefully.

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.

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

Michael W. Ahern, Supervisor
Field Operations and Permit Section
Division of Air Pollution Control

CC: USEPA **CDO**

FINAL PERMIT TO INSTALL

01-08785

Application Number: 01-08785

APS Premise Number: 0165000045

Permit Fee: **$400**

Name of Facility: ALSCO Metals Ashville Facility

Person to Contact: Chris Brown

Address: 1 Reynolds Road
Ashville, OH 43103

Location of proposed air contaminant source(s) [emissions unit(s)]:
1 Reynolds Road
Ashville, Ohio

Description of proposed emissions unit(s):
Coating lines K001 and K002 and thermal oxidizer CE002.

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

This permit is granted subject to the conditions attached hereto.

Ohio Environmental Protection Agency

Director

Part I - GENERAL TERMS AND CONDITIONS

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

1. Monitoring and Related Recordkeeping and Reporting Requirements

a. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall maintain records that include the following, where applicable, for any required monitoring under this permit:

i. The date, place (as defined in the permit), and time of sampling or measurements.

ii. The date(s) analyses were performed.

iii. The company or entity that performed the analyses.

iv. The analytical techniques or methods used.

v. The results of such analyses.

vi. The operating conditions existing at the time of sampling or measurement.

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

c. Except as may otherwise be provided in the terms and conditions for a specific emissions unit, the permittee shall submit required reports in the following manner:

i. Reports of any required monitoring and/or recordkeeping of federally enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

ii. Quarterly written reports of (i) any deviations from federally enforceable <u>emission limitations</u>, <u>operational restrictions</u>, <u>and control device operating parameter limitations</u>, excluding deviations resulting from malfunctions reported in accordance with OAC rule 3745-15-06, that have been detected by the testing, monitoring and recordkeeping requirements specified in this permit, (ii) the probable cause of such deviations, and (iii) any corrective actions or preventive measures taken, shall be made to the appropriate Ohio EPA District Office or local air agency. The written reports shall be submitted quarterly, i.e., by January 31, April 30, July 31, and October 31 of each year and shall cover the

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

iii. Written reports, which identify any deviations from the federally enforceable monitoring, recordkeeping, and reporting requirements contained in this permit shall be submitted to the appropriate Ohio EPA District Office or local air agency every six months, i.e., by January 31 and July 31 of each year for the previous six calendar months. If no deviations occurred during a six-month period, the permittee shall submit a semi-annual report, which states that no deviations occurred during that period.

iv. Each written report shall be signed by a responsible official certifying that, based on information and belief formed after reasonable inquiry, the statements and information in the report are true, accurate, and complete.

2. Scheduled Maintenance/Malfunction Reporting

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

3. Risk Management Plans

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

4. Title IV Provisions

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

5. Severability Clause

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

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

6. General Requirements

a. The permittee must comply with all terms and conditions of this permit. Any noncompliance with the federally enforceable terms and conditions of this permit constitutes a violation of the Act, and is grounds for enforcement action or for permit revocation, revocation and reissuance, or modification, or for denial of a permit renewal application.

b. It shall not be a defense for the permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the federally enforceable terms and conditions of this permit.

c. This permit may be modified, reopened, revoked, or revoked and reissued, for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or revocation, or of a notification of planned changes or anticipated noncompliance does not stay any term and condition of this permit.

d. This permit does not convey any property rights of any sort, or any exclusive privilege.

e. The permittee shall furnish to the Director of the Ohio EPA, or an authorized representative of the Director, upon receipt of a written request and within a reasonable time, any information that may be requested to determine whether cause exists for modifying, reopening or revoking this permit or to determine compliance with this permit. Upon request, the permittee shall also furnish to the Director or an authorized representative of the Director, copies of records required to be kept by this permit. For information claimed to be confidential in the submittal to the Director, if the Administrator of the U.S. EPA requests such information, the permittee may furnish such records directly to the Administrator along with a claim of confidentiality.

7. Fees

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

8. Federal and State Enforceability

Only those terms and conditions designated in this permit as federally enforceable, that are required under the Act, or any of its applicable requirements, including relevant provisions designed to limit the potential to emit of a source, are enforceable by the Administrator of the U.S. EPA, the State, and citizens under the Act. All other terms and conditions of this permit shall not be federally enforceable and shall be enforceable under State law only.

9. Compliance Requirements

a. Any document (including reports) required to be submitted and required by a federally applicable requirement in this permit shall include a certification by a responsible official that, based on information and belief formed after reasonable inquiry, the statements in the document are true, accurate, and complete.

b. Upon presentation of credentials and other documents as may be required by law, the permittee shall allow the Director of the Ohio EPA or an authorized representative of the Director to:

i. At reasonable times, enter upon the permittee's premises where a source is located or the emissions-related activity is conducted, or where records must be kept under the conditions of this permit.

ii. Have access to and copy, at reasonable times, any records that must be kept under the conditions of this permit, subject to the protection from disclosure to the public of confidential information consistent with ORC section 3704.08.

iii. Inspect at reasonable times any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under this permit.

iv. As authorized by the Act, sample or monitor at reasonable times substances or parameters for the purpose of assuring compliance with the permit and applicable requirements.

c. The permittee shall submit progress reports to the appropriate Ohio EPA District Office or local air agency concerning any schedule of compliance for meeting an applicable requirement. Progress reports shall be submitted semiannually, or more frequently if specified in the applicable requirement or by the Director of the Ohio EPA. Progress reports shall contain the following:

i. Dates for achieving the activities, milestones, or compliance required in any schedule of compliance, and dates when such activities, milestones, or compliance were achieved.

ii. An explanation of why any dates in any schedule of compliance were not or will not be met, and any preventive or corrective measures adopted.

10. Permit To Operate Application

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

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

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

11. Best Available Technology

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

12. Air Pollution Nuisance

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

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

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

a. Reports of any required monitoring and/or recordkeeping of state-only enforceable information shall be submitted to the appropriate Ohio EPA District Office or local air agency.

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

3. Permit Transfers

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.

4. Termination of Permit To Install

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

5. Construction of New Sources(s)

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

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

6. Public Disclosure

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

7. Applicability

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

8. Construction Compliance Certification

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.

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

Pollutant	Tons Per Year
VOC	85.9
PE	1.2
NOx	9.4
CO	15.7
SO2	0.1
OC	2.1

Part II - FACILITY SPECIFIC TERMS AND CONDITIONS

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

None

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

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K001 - Strip paint line primer coater room and curing oven controlled with a thermal oxidizer.	OAC rule 3745-31-05(A)(3)	See term A.I.2.a below. Volatile organic compound (VOC) emissions from coating operation shall not exceed 4.8 pounds per hour and 21.3 tons per year. Particulate emissions (PE) from the oven natural gas combustion shall not exceed 0.04 pound per hour and 0.2 ton per year. Nitrogen oxide (NOx) emissions from the oven natural gas combustion shall not exceed 0.3 pound per hour and 1.3 ton per year. Sulfur dioxide (SO_2) emissions from the oven natural gas combustion shall not exceed 0.004 pound per hour and 0.02 ton per year. Carbon monoxide (CO) emissions from the oven natural gas combustion shall not exceed 0.5 pound per hour and 2.2 tons per year. Organic compound (OC) emissions from the oven natural gas combustion shall not exceed 0.06 pound per hour and 0.3 ton per year.

	PE from the natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.15 pound per hour and 0.64 ton per year. NOx emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.94 pound per hour and 4.19 tons per year. SO_2 emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.01 pound per hour and 0.05 ton per year. CO emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 1.61 pounds per hour and 7.03 tons per year. OC emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.21 pound per hour and 0.92 ton per year.
OAC rule 3745-21-09(E)	Visible particulate emissions from thermal oxidizer stack shall not exceed 20% opacity, as a 6-minute average, except as provided by OAC rule 3745-17-07(A). The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(E), 40 CFR Part 63.5120, MACT Subpart SSSS, and 40 CFR 60.462
NSPS Subpart TT	See term A.I.2.b below The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3)
MACT Subpart SSSS	See term A.I.2.c below. The emission limitations specified by this rule are less stringent than the emission

		limitations established pursuant to OAC rule 3745-31-05(A)(3). See term A.I.2.d below The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The permittee shall limit total VOC emissions, including organic hazardous air pollutant(s) (HAP) emissions, to no more than 2 percent of the VOC applied for each month during each 12-month compliance period (98 percent reduction).

2.b The permittee shall limit total VOC emissions from this emissions unit to no more than a capture and control system that achieves eighty one (81) per cent, by weight, and a control system that achieves ninety (90) percent, by weight, reduction.

2.c The permittee shall limit total VOC emissions to no more than 10 percent of the VOC applied for each month (90 percent reduction).

2.d The permittee shall limit total organic HAP emissions, to no more than 2 percent of the HAP applied for each month during each 12-month compliance period (98 percent reduction).

2.e The hourly and annual emission limitations from natural gas combustion were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

2.f The hourly VOC emission limitation from this emission unit were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

II. Operational Restrictions

1. The emission capture system shall be maintained under negative pressure whenever the emissions unit is in operation and all emissions shall be vented to the thermal oxidizer.

2. The average thermal oxidizer combustion temperature in any 3-hour period shall not fall below the average combustion temperature limit established during the most recent emission test that demonstrated the emissions unit was in compliance.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall install, operate, monitor and inspect each monitoring, capture and control device as described below:

   a. Temperature monitoring of oxidizer. The permittee shall comply with the following:

      i. Install, calibrate, maintain, and operate temperature monitoring equipment according to manufacturer's specifications. The calibration of the chart recorder, data logger, or temperature indicator shall be verified every 3 months; or the chart recorder, data logger, or temperature indicator shall be replaced. The permittee shall replace the equipment either if the permittee chooses not to perform the calibration, or if the equipment cannot be calibrated properly. Each temperature monitoring device shall be equipped with a continuous recorder. The device shall have an accuracy of ±1 percent of the temperature being monitored in degrees Celsius, or ±1 ˚Celsius, whichever is greater. The data shall be reduced to 3-hour block averages.

      ii. The permittee shall install the thermocouple or temperature sensor in the combustion chamber at a location in the combustion zone.

   b. Capture system monitoring. The permittee shall develop a capture system monitoring plan containing the information specified in paragraphs (i.) and (ii.) of this section. The permittee shall monitor the capture system in accordance with paragraph (iii.) of this section. The permittee shall make the monitoring plan available for inspection by the permitting authority upon request.

      i. The monitoring plan shall identify the operating parameter to be monitored to ensure that the capture efficiency measured during the initial compliance test is maintained, explain why this parameter is appropriate for demonstrating ongoing compliance, and identify the specific monitoring procedures.

      ii. The plan also shall specify operating limits at the capture system operating parameter value, or range of values, that demonstrates compliance with the standards in section A.I.2. The operating limits shall represent the conditions indicative of proper operation and maintenance of the capture system.

      iii. The permittee shall conduct monitoring in accordance with the plan.

2. The permittee shall collect and record the following information for emissions units K001 and K002 at this facility during each month using equation number 7 in 40 CFR 63.5170:

   a. The name and identification number for each coating material employed.

   b. The mass of coating material applied on a work station (emission unit) in kg.

c. The volatile matter content of the coating material, expressed as a weight fraction, kg/kg.

d. The mass of solvent, thinner, reducer, diluent, or other non-solids-containing material (including H_2O), applied on work station in kg.

e. The mass of coating material applied in kg.

f. The mass of solvent, thinner, reducer, diluent, or other non-solids-containing material (including H_2O), applied in kg.

g. The number of always-controlled work stations.

h. The number of different coatings applied.

i. The number of different of solvent, thinner, reducer, diluent, or other non-solids-containing material (including H_2O), applied.

j. The organic volatile matter capture efficiency of the capture system for work station in per cent.

k. The organic volatile matter destruction or removal efficiency of the control system in per cent.

l. The overall organic HAP control efficiency in per cent.

3. The permittee shall collect and record the following information for emissions units K001 and K002 at this facility during each month using equation 8 in 40 CFR 63.5170:

a. The name and identification number of each coating, as applied.

b. The mass of coating material applied on a work station (emission unit) in kg.

c. The organic hazardous air pollutant(s) HAP content of the coating material, expressed as a weight fraction, kg/kg.

d. The organic hazardous air pollutant(s) HAP content of the solvent, expressed as a weight fraction, kg/kg.

e. The mass of solvent, thinner, reducer, diluent, or other non-solids-containing material added to solids-containing coating material applied on a work station in kg.

f. The number of always-controlled work stations.

g. The number of different coatings applied.

h. The number of different of solvent, thinner, reducer, diluent, or other non-solids-containing material applied.

j. The organic volatile matter capture efficiency of the capture system for work station in per cent.

k. The organic volatile matter destruction or removal efficiency of the control system in per cent.

l. Total organic HAP in kg.

m. For periods when the oxidizer has not operated within its established operating limit, the control device efficiency is determined to be zero.

4. The permittee shall collect and record the following information for each day for the control equipment:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

IV. Reporting Requirements

1. The permittee shall submit the reports specified in the following paragraphs to the Ohio EPA, Central District Office:

a. The permittee shall submit an initial notification required in 40 CFR 63.9(b).

i. Submit an initial notification for an existing source no later than 2 years after June 10, 2002.

ii. Submit an initial notification for a new or reconstructed source as required by 40 CFR 63.9(b).

iii. For the purpose of this subpart, a Title V Permit Application may be used in lieu of the initial notification required under 40 CFR 63.9(b), provided the same information is contained in the permit application as required by 40 CFR 63.9(b), and the State to which the permit application has been submitted has an approved operating permit program under part 70 of this chapter and has received delegation of authority from the EPA.

iv. Submit a Title V Permit Application used in lieu of the initial notification required under 40CFR 63.9(b) by the same due dates as those specified in paragraphs (a)(i) and (ii) of this section for the initial notifications.

b. The permittee shall submit a Notification of Performance Test as specified in 40 CFR 63.7 and 63.9(e) if the permittee is complying with the emission standard using a control device. This notification and the site-specific test plan required under 40 CFR 63.7(c)(2) shall identify the operating parameter to be monitored to ensure that the capture efficiency measured during the performance test is maintained. The permittee may consider the operating parameter identified in the site-specific test plan to be approved unless explicitly disapproved, or unless comments received from the Administrator require monitoring of an alternate parameter.

c. The permittee shall submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The permittee shall submit the Notification of Compliance Status no later than 30 calendar days following the end of the initial 12-month compliance period described in 40 CFR 63.5130.

d. The permittee shall submit start-up, shutdown, and malfunction reports as specified in 40 CFR 63.10(d)(5) if a control device is used to comply with subpart SSSS.

i. If actions during a start-up, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are not completely consistent with the procedures specified in the source's start-up, shutdown, and malfunction plan specified in section A.III.1.b., the permittee shall state such information in the report. The start-up, shutdown, or malfunction report will consist of a letter containing the name, title, and signature of the responsible official who is certifying its accuracy, that will be submitted to the Administrator.

ii. Separate start-up, shutdown, or malfunction reports are not required if the information is included in the report specified in paragraph A.IV.2.

2. The permittee shall submit semi-annual compliance reports in the following manner:

a. Compliance report due dates are as follows:

i. The first semiannual reporting period begins immediately upon start-up of the affected source and ends 6 months later.

ii. The first semiannual compliance report shall cover the first semiannual reporting period and be postmarked or delivered no later than 30 days after the reporting period ends.

iii. Each subsequent compliance report shall cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

iv. Each subsequent compliance report shall be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

v. For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or part 71, and the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), the permittee may submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (a)(i) through (iv) of term A.IV.2.

b. The semi-annual compliance report shall contain the following information:

i. Company name and address.

ii. Statement by a responsible official with that official's name, title, and signature, certifying the accuracy of the content of the report.

iii. Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

iv. Identification of the compliance option specified in 40 CFR 63.5120 that the permittee used on each coating operation during the reporting period.

v. A statement that there were no deviations from the standards during the reporting period.

vi. The total operating time of each affected source during the reporting period.

vii. Information on the number, duration, and cause of deviations (including unknown cause, if applicable) as applicable, and the corrective action taken.

viii. Information on the number, duration, and cause for monitor downtime incidents (including unknown cause other than downtime associated with zero and span and other daily calibration checks, if applicable).

3. The permittee shall submit quarterly summaries of the following records:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees

Fahrenheit below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

4. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit. Annual emission reports may be satisfied by including this emissions unit in the submission of the annual Fee Emission Report.

5. The permittee shall submit performance test reports as specified in term A.V.2.

V. Testing Requirements

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

a. Emissions Limitation:
PE from the oven natural gas combustion shall not exceed 0.04 pound per hour and 0.2 ton per year and PE from the natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.15 pound per hour and 0.64 ton per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for total PE in natural gas combustion (7.6 lbs of particulates/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

b. Emission Limitation:
NOx emissions from the oven natural gas combustion shall not exceed 0.3 pound per hour and 1.3 ton per year and NOx emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.94 pound per hour and 4.19 tons per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-1 (7/98) for uncontrolled NOx in natural gas combustion (50 lbs of NOx/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7.

c. Emission Limitation:
SO_2 emissions from the oven natural gas combustion shall not exceed 0.004 pound per hour and 0.02 ton per year and SO_2 emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.01 pound per hour and 0.05 ton per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for SO_2 in natural gas combustion (0.6 lb of SO2/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

d. Emission Limitation:
CO emissions from the oven natural gas combustion shall not exceed 0.5 pound per hour and 2.2 tons per year and CO emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 1.61 pounds per hour and 7.03 tons per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-1 (7/98) for CO in natural gas combustion (84 lbs of CO/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10.

e. Emission Limitation:
OC emissions from the oven natural gas combustion shall not exceed 0.06 pound per hour and 0.3 ton per year and OC emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.21 pound per hour and 0.92 ton per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for total organic compounds (TOC) in natural gas combustion (11 lbs of TOC/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25.

f. Emission Limitation:
Visible particulate emissions from thermal incinerator stack shall not exceed 20% opacity, as a 6-minute average, except as provided by OAC rule 3745-17-07(A).

Applicable Compliance Method:
If required, compliance shall be demonstrated through visible emissions observation performed in accordance with 40 CFR Part 60, Appendix A, Method 9, and the procedures specified in OAC rule 3745-17-03(B)(1).

g. Emission Limitation:
VOC emissions from coating operation shall not exceed 4.8 pounds per hour and 21.3 tons per year.

Applicable Compliance Method:
Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.2, the performance tests required per 40 CFR 63.5160, and term A.V.h.

h. Emission Limitation:
The permittee shall limit VOC emissions, including organic HAP emissions, to no more than
2 percent of the organic VOC applied for each month during each 12-month compliance period (98 percent reduction).

Applicable Compliance Methods:
Calculation of the overall organic HAP control efficiency, R, shall be achieved in accordance with 40 CFR 63.5170, equation 7.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 3 to 6 months after start up. Future emissions testing shall be conducted at the frequency specified in Ohio EPA Engineering Guide #16 based on the results of the initial emissions testing.

ii. The permittee shall conduct a performance test for each capture and control system to determine the destruction or removal efficiency of each control device according to 40 CFR 63.5160(d), and the capture efficiency of each capture system according to 40 CFR 63.5160(e) while burning natural gas in the curing ovens and collecting emissions from this emissions unit and K002.

iii. The permittee shall determine the VOC weight fraction of each coating material applied by following Method 24. For coatings, the permittee may determine the total volatile matter content as weight fraction of nonaqueous volatile matter and use it as a substitute for organic HAP, using Method 24 of 40 CFR part 60, appendix A. The Method 24 determination may be performed by the manufacturer of the coating and the results provided to the permittee.

iv. The permittee shall determine the solids content of each coating material applied. The permittee may determine the volume solids content using ASTM D2697-86 (Reapproved 1998) or ASTM D6093-97 (incorporated by reference, see 40 CFR 63.14), or an EPA approved alternative method. The ASTM D2697-86 (Reapproved 1998) or ASTM D6093-97 determination may be performed by the manufacturer of the material and the results provided to the permittee. Alternatively, the permittee may rely on formulation data provided by material providers to determine the volume solids.

v. The permittee shall conduct a performance test to establish the destruction or removal efficiency of the control device or the outlet VOC concentration achieved by the oxidizer, according to the methods and procedures in Methods 1 through 4 and 25 or 25A, 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

vi. During the performance test, the permittee shall monitor and record the combustion temperature at least once every 15 minutes during each of the three test runs. The permittee shall monitor the temperature in the firebox of the thermal oxidizer or immediately downstream of the firebox before any substantial heat exchange occurs. The permittee shall use the data collected during the performance test to calculate and record the average combustion temperature maintained during the performance test. This average combustion temperature is the minimum operating limit for the thermal oxidizer.

vii. The test(s) shall be conducted while the emissions units are operating at or near the maximum capacities for collected emissions from this emissions unit and K002, unless otherwise specified or approved by the Ohio EPA, Central District Office.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the

test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

3. The permittee shall determine the organic HAP weight fraction of each coating material applied by following one of the procedures:

   a. Method 311. The permittee may test the material in accordance with Method 311 of appendix A of 40 CFR Part 63. The Method 311 determination may be performed by the manufacturer of the material and the results provided to the permittee. The organic HAP content shall be calculated according to the following criteria and procedures:

      i. Count only those organic HAP that are measured to be present at greater than or equal to 0.1 weight percent for Occupational Safety and Health Administration (OSHA)-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and greater than or equal to 1.0 weight percent for other organic HAP compounds.

      ii. Express the weight fraction of each organic HAP counted according to paragraph a.i. of this section as a value truncated to four places after the decimal point (for example, 0.3791).

      iii. Calculate the total weight fraction of organic HAP in the tested material by summing the counted individual organic HAP weight fractions and truncating the result to three places after the decimal point (for example, 0.763).

   b. Method 24. For coatings, the permittee may determine the total volatile matter content as weight fraction of nonaqueous volatile matter and use it as a substitute for organic HAP, using Method 24 of 40 CFR part 60, appendix A. The Method 24 determination may be performed by the manufacturer of the coating and the results provided to the permittee.

   c. Alternative method. The permittee may use an alternative test method for determining the organic HAP weight fraction once the Administrator has approved it. The permittee shall follow the procedure in 40 CFR 63.7(f) to submit an alternative test method for approval.

   d. Formulation data. The permittee may use formulation data provided that the information represents each organic HAP present at a level equal to or greater than 0.1 percent for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and equal to or

greater than 1.0 percent for other organic HAP compounds in any raw material used, weighted by the mass fraction of each raw material used in the material. Formulation data may be provided by the manufacturer of the coating material. In the event of any inconsistency between test data obtained with the test methods specified in paragraphs (a) through (c) of term A.V.3. and formulation data, the test data will govern.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K001 - Strip paint line primer coater room and curing oven controlled with a thermal oxidizer.	None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None

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

A. State and Federally Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K002 - Strip paint line finish coater room and curing oven controlled with a thermal oxidizer.	OAC rule 3745-31-05(A)(3)	See below 2.a. Volatile organic compound (VOC) emissions from coating operation shall not exceed 13.6 pounds per hour and 64.6 tons per year. Particulate emissions (PE) from oven natural gas combustion shall not exceed 0.1 pound per hour and 0.4 ton per year. Nitrogen oxide (NOx) emissions from oven natural gas combustion shall not exceed 0.9 pound per hour and 3.9 tons per year. Sulfur dioxide (SO_2) emissions from oven natural gas combustion shall not exceed 0.011 pound per hour and 0.05 ton per year. Carbon monoxide (CO) emissions from oven natural gas combustion shall not exceed 1.5 pounds per hour and 6.5 tons per year. Organic compound (OC) emissions from oven natural gas combustion shall not exceed 0.2 pound per hour and 0.9 ton per year. PE from the natural gas combustion of incinerator controlling K001 and K002

	emissions shall not exceed 0.15 pound per hour and 0.64 ton per year. NOx emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.94 pound per hour and 4.19 tons per year. SO_2 emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.01 pound per hour and 0.05 ton per year. CO emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 1.61 pounds per hour and 7.03 tons per year. OC emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.21 pound per hour and 0.92 ton per year. Visible particulate emissions from thermal oxidizer stack shall not exceed 20% opacity, as a 6-minute average, except as provided by OAC rule 3745-17-07(A).
OAC rule 3745-21-09(E)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-21-09(E), MACT Subpart SSSS and NSPS Subpart TT. See term A.I.2.b below
NSPS Subpart TT	The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3). See term A.I.2.c below
MACT Subpart SSSS	The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

		See term A.I.2.d below The emission limitations specified by this rule are less stringent than the emission limitations established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

2.a The permittee shall limit total VOC emissions, including organic hazardous air pollutant(s) (HAP) emissions, to no more than 2 percent of the VOC applied for each month during each 12-month compliance period (98 percent reduction).

2.b The permittee shall limit total VOC emissions from this emissions unit to no more than a capture and control system that achieves eighty one (81) per cent, by weight, and a control system that achieves ninety (90) percent, by weight, reduction.

2.c The permittee shall limit total VOC emissions to no more than 10 percent of the VOC applied for each month (90 percent reduction).

2.d The permittee shall limit total organic HAP emissions, to no more than 2 percent of the HAP applied for each month during each 12-month compliance period (98 percent reduction).

2.e The hourly and annual emission limitations from natural gas combustion were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

2.f The hourly VOC emission limitation from this emission unit were established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop additional monitoring, record keeping and/or reporting requirements to ensure compliance with these limitations.

II. Operational Restrictions

1. The emission capture system shall be maintained under negative pressure whenever the emissions unit is in operation and all emissions shall be vented to the thermal oxidizer.

2. The average thermal oxidizer combustion temperature in any 3-hour period must not fall below the average combustion temperature limit established during the most recent emission test that demonstrated the emissions unit was in compliance.

III. Monitoring and/or Recordkeeping Requirements

1. The permittee shall install, operate, monitor and inspect each monitoring, capture and control device as described below:

   a. Temperature monitoring of oxidizers. The permittee shall comply with the following:

      i. Install, calibrate, maintain, and operate temperature monitoring equipment according to manufacturer's specifications. The calibration of the chart recorder, data logger, or temperature indicator shall be verified every 3 months; or the chart recorder, data logger, or temperature indicator shall be replaced. The permittee shall replace the equipment either if the permittee choose not to perform the calibration, or if the equipment cannot be calibrated properly. Each temperature monitoring device shall be equipped with a continuous recorder. The device shall have an accuracy of ±1 percent of the temperature being monitored in degrees Celsius, or ±1 ˚Celsius, whichever is greater.

      ii. The permittee shall install the thermocouple or temperature sensor in the combustion chamber at a location in the combustion zone.

   b. The permittee shall develop a capture system monitoring plan containing the information specified in paragraphs (i.) and (ii.) of this section. The permittee shall monitor the capture system in accordance with paragraph (iii.) of this section. The permittee shall make the monitoring plan available for inspection by the permitting authority upon request.

      i. The monitoring plan shall identify the operating parameter to be monitored to ensure that the capture efficiency measured during the initial compliance test is maintained, explain why this parameter is appropriate for demonstrating ongoing compliance, and identify the specific monitoring procedures.

      ii. The plan also shall specify operating limits at the capture system operating parameter value, or range of values, that demonstrates compliance with the standards in section A.I.2. The operating limits shall represent the conditions indicative of proper operation and maintenance of the capture system.

      iii. The permittee shall conduct monitoring in accordance with the plan.

2. The permittee shall collect and record the following information for each month for the coating line:

   a. The name and identification number of each coating, as applied.

   b. Hours of operation.

c. The pounds of VOC per gallon of coating solids, as applied, the volume solids content, as applied, and the volume, as applied, of each coating.

d. The maximum VOC content (in pounds of VOC per gallon of coating solids, as applied) or the daily volume-weighted average VOC content (in pounds of VOC per gallon of coating solids, as applied) of all the coatings.

e. The calculated, controlled VOC emission rate, in pounds of VOC per hour. The controlled VOC emission rate shall be calculated using (i) the maximum VOC content or the daily volume-weighted VOC content recorded in accordance with paragraph (d) above and (ii) the overall control efficiency for the control equipment as determined during the most recent emission test that demonstrated that the emissions unit was in compliance.

3. The permittee shall collect and record the following information for all emissions units at this facility during each month:

a. the name and identification number for each coating material employed during the monthly period;

b. the individual HAP1 content for each HAP of each coating in pounds of individual HAP per gallon of coating employed;

c. the total combined HAP content of each HAP of each coating in pounds of combined HAPs per gallon of coating employed (sum of all the individual HAP contents from b);

d. a summation of the number of gallons of each coating material employed during the previous rolling, 12-month period;

e. the name and identification number for each clean up material employed;

f. the individual HAP1 content for each HAP of each clean up material in pounds of individual HAP per gallon of clean up material employed;

g. the total combined HAP content of each HAP of each clean up material in pounds of combined HAPs per gallon of clean up material employed (sum of all the individual HAP contents from f);

h. a summation of the number of gallons of each clean up material employed during the previous rolling, 12-month period;

i. the total individual HAP emissions for each HAP from all coatings and clean up materials employed, in pounds or tons month and pounds or tons per rolling 12 month period (for each HAP the sum of b time d for each coating and the sum of f times h for each clean up material);

j. the total combined HAP emissions for each HAP from all coatings and clean up materials employed, in pounds or tons month and pounds or tons per rolling 12 month period (for each HAP the sum of c time d for each coating and the sum of g times h for each clean up material); and

k. the summation of the rolling, 12-month OC emission rates for all coatings and clean up materials employed, in tons.

A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting your Ohio EPA field office or local air agency contact. Material Safety Data Sheets typically include a listing of the solvents contained in the coatings or cleanup materials. This information does not have to be kept on a line-by-line basis.

4. The permittee shall collect and record the following information for each day for the control equipment:

a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

b. All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated the emissions unit was in compliance.

5. The permittee shall calculate the organic HAP emitted during the month, He, for each month:

a. For each work station and its associated oxidizer, use Equation 8 of 40 CFR 63.5170.

b. For periods when the oxidizer has not operated within its established operating limit, the control device efficiency is determined to be zero.

IV. Reporting Requirements

1. The permittee shall submit the reports specified in the following paragraphs to the Ohio EPA, Central District Office:

a. The permittee shall submit an initial notification required in 40 CFR 63.9(b).

i. Submit an initial notification for an existing source no later than 2 years after June 10, 2002.

ii. Submit an initial notification for a new or reconstructed source as required by 40 CFR 63.9(b).

iii. For the purpose of this subpart, a Title V Permit Application may be used in lieu of the initial notification required under 40 CFR 63.9(b), provided the same information is contained in the permit application as required by 40 CFR 63.9(b), and the State to which the permit application has been submitted has an approved operating permit program under part 70 of this chapter and has received delegation of authority from the EPA.

iv. Submit a Title V Permit Application used in lieu of the initial notification required under 40 CFR 63.9(b) by the same due dates as those specified in paragraphs (a)(i) and (ii) of this section for the initial notifications.

b. The permittee shall submit a Notification of Performance Test as specified in 40 CFR 63.7 and 63.9(e) if the permittee is complying with the emission standard using a control device. This notification and the site-specific test plan required under 40 CFR 63.7(c)(2) shall identify the operating parameter to be monitored to ensure that the capture efficiency measured during the performance test is maintained. The permittee shall consider the operating parameter identified in the site-specific test plan to be approved unless explicitly disapproved, or unless comments received from the Administrator require monitoring of an alternate parameter.

c. The permittee shall submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The permittee shall submit the Notification of Compliance Status no later than 30 calendar days following the end of the initial 12-month compliance period described in 40 CFR 63.5130.

d. The permittee shall submit start-up, shutdown, and malfunction reports as specified in 40 CFR 63.10(d)(5) if a control device is used to comply with subpart SSSS.

i. If actions during a start-up, shutdown, or malfunction of an affected source (including actions taken to correct a malfunction) are not completely consistent with the procedures specified in the source's start-up, shutdown, and malfunction plan specified in section A.III.1.b., the permittee shall state such information in the report. The start-up, shutdown, or malfunction report will consist of a letter containing the name, title, and signature of the responsible official who is certifying its accuracy, that will be submitted to the Administrator.

ii. Separate start-up, shutdown, or malfunction reports are not required if the information is included in the report specified in paragraph A.IV.2.

2. The permittee must submit semi-annual compliance reports in the following manner:

a. Compliance report dates.

i. The first semiannual reporting period begins immediately upon start-up of the affected source and ends 6 months later.

ii. The first semiannual compliance report shall cover the first semiannual reporting period and be postmarked or delivered no later than 30 days after the reporting period ends.

iii. Each subsequent compliance report shall cover the semiannual reporting period from January 1 through June 30 or the semiannual reporting period from July 1 through December 31.

iv. Each subsequent compliance report shall be postmarked or delivered no later than July 31 or January 31, whichever date is the first date following the end of the semiannual reporting period.

v. For each affected source that is subject to permitting regulations pursuant to 40 CFR part 70 or part 71, and the permitting authority has established dates for submitting semiannual reports pursuant to 40 CFR 70.6(a)(3)(iii)(A) or 40 CFR 71.6(a)(3)(iii)(A), the permittee shall submit the first and subsequent compliance reports according to the dates the permitting authority has established instead of according to the dates in paragraphs (g)(1)(i) through (iv) of term A.IV.2.

b. The semi-annual compliance report shall contain the following information:

i. Company name and address.

ii. Statement by a responsible official with that official's name, title, and signature, certifying the accuracy of the content of the report.

iii. Date of report and beginning and ending dates of the reporting period. The reporting period is the 6-month period ending on June 30 or December 31. Note that the information reported for each of the 6 months in the reporting period will be based on the last 12 months of data prior to the date of each monthly calculation.

iv. Identification of the compliance option specified in section 40 CFR 63.5120 that the permittee used on each coating operation during the reporting period..

v. A statement that there were no deviations from the standards during the reporting period.

vi. The total operating time of each affected source during the reporting period.

vii. Information on the number, duration, and cause of deviations (including unknown cause, if applicable) as applicable, and the corrective action taken.

viii. Information on the number, duration, and cause for monitor downtime incidents (including unknown cause other than downtime associated with zero and span and other daily calibration checks, if applicable).

3. The permittee shall submit quarterly summaries of the following records:

   a. A log of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

   b All 3-hour blocks of time during which the average combustion temperature within the thermal incinerator, when the emissions unit was in operation, was more than 50 degrees Fahrenheit below the average temperature during the most recent emission test that demonstrated that the emissions unit was in compliance.

   These quarterly reports shall be submitted by April 30, July 31, October 31, and January 31, and shall cover the records for the previous calendar quarters.

5. The permittee shall also submit annual reports which specify the total organic compound emissions from this emissions unit. Annual emission reports may be satisfied by including this emissions unit in the submission of the annual Fee Emission Report.

6. The permittee must submit performance test reports as specified in term A.V.2.

V. Testing Requirements

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

   a. Emissions Limitation:
   PE from oven natural gas combustion shall not exceed 0.1 pound per hour and 0.4 ton per year.

   Applicable Compliance Method:
   Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for total particulates in natural gas combustion (7.6 lbs of particulates/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

   If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5.

   b. Emission Limitation:
   NOx emissions from oven natural gas combustion shall not exceed 0.9 pound per hour and 3.9 tons per year and NOx emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.94 pound per hour and 4.19 tons per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-1 (7/98) for uncontrolled NOx in natural gas combustion (50 lbs of NOx/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 7.

c. Emission Limitation:
SO_2 emissions from oven natural gas combustion shall not exceed 0.011 pound per hour and 0.05 ton per year and SO_2 emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.01 pound per hour and 0.05 ton per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for sulfur dioxide in natural gas combustion (0.6 lb of SO2/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

d. Emission Limitation:
CO emissions from oven natural gas combustion shall not exceed 1.5 pound per hour and 6.5 tons per year and CO emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 1.61 pounds per hour and 7.03 tons per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-1 (7/98) for carbon monoxide in natural gas combustion (84 lbs of CO/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 10.

e. Emission Limitation:
OC emissions from oven natural gas combustion from natural gas combustion shall not exceed 0.2 pound per hour and 0.9 ton per year and OC emissions from natural gas combustion of incinerator controlling K001 and K002 emissions shall not exceed 0.21 pound per hour and 0.92 ton per year.

Applicable Compliance Method:
Compliance with these emission limitations may be demonstrated by multiplying the maximum hourly and maximum annual gas burning capacity of the units by the emission factor from AP-42 "Compilation of Air Pollutant Emission Factors", Table 1.4-2 (7/98) for total organic compounds (TOC) in natural gas combustion (11 lbs of TOC/mmft^3). The maximum capacity of the oven is 5882 ft^3/hr and 51,529,400 ft^3/yr and the maximum capacity of the incinerator is 19,118 cu ft/hr and 167,470,600 cu ft/yr.

If required, the permittee shall demonstrate compliance with the hourly emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25.

f. Emission Limitation:
Visible particulate emissions from thermal incinerator stack shall not exceed 20% opacity, as a 6-minute average, except as provided by OAC rule 3745-17-07(A).

Applicable Compliance Method:
If required, compliance shall be demonstrated through visible emissions observation performed in accordance with 40 CFR Part 60, Appendix A, Method 9, and the procedures specified in OAC rule 3745-17-03(B)(1).

g. Emission Limitation:
VOC emissions from coating operation shall not exceed 4.8 pounds per hour and 21.3 tons per year.

Applicable Compliance Method:
Compliance with this emission limitation shall be based upon the records required pursuant to Section A.III.2, the performance test required in 40 CFR 63.5160 and in term A.V.h.

h. Emission Limitation:
The permittee shall limit VOC emissions, including organic HAP emissions, to no more than
2 percent of the organic HAP applied for each month during each 12-month compliance period (98 percent reduction).

Applicable Compliance Methods:
Calculation of the overall organic HAP control efficiency, R, shall be achieved in accordance with 40 CFR 63.5170, equation 7.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

i. The emission testing shall be conducted within 3 to 6 months after start up. Future emissions testing shall be conducted at the frequency specified in Ohio EPA Engineering Guide #16 based on the results of the initial emissions testing.

ii. The permittee shall conduct a performance test for each capture and control system to determine the destruction or removal efficiency of each control device according to 40 CFR 63.5160(d), and the capture efficiency of each capture system according to 40 CFR 63.5160(e) while burning natural gas in the curing ovens and collecting emissions from this emissions unit and K001.

iii. The permittee shall determine the VOC weight fraction of each coating material applied by following Method 24. For coatings, the permittee may determine the total volatile matter content as weight fraction of nonaqueous volatile matter and use it as a substitute for organic HAP, using Method 24 of 40 CFR part 60, appendix A. The Method 24 determination may be performed by the manufacturer of the coating and the results provided to the permittee.

iv. The permittee shall determine the solids content of each coating material applied. The permittee may determine the volume solids content using ASTM D2697-86 (Reapproved 1998) or ASTM D6093-97 (incorporated by reference, see 40 CFR 63.14), or an EPA approved alternative method. The ASTM D2697-86 (Reapproved 1998) or ASTM D6093-97 determination may be performed by the manufacturer of the material and the results provided to the permittee. Alternatively, the permittee may rely on formulation data provided by material providers to determine the volume solids.

v. The permittee shall conduct a performance test to establish the destruction or removal efficiency of the control device or the outlet VOC concentration achieved by the oxidizer, according to the methods and procedures in Methods 1 through 4 and 25 or 25A, 40 CFR Part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.

vi. During the performance test, the permittee shall monitor and record the combustion temperature at least once every 15 minutes during each of the three test runs. The permittee shall monitor the temperature in the firebox of the thermal oxidizer or immediately downstream of the firebox before any substantial heat

exchange occurs. The permittee shall use the data collected during the performance test to calculate and record the average combustion temperature maintained during the performance test. This average combustion temperature is the minimum operating limit for the thermal oxidizer.

vii. The test(s) shall be conducted while the emissions units are operating at or near the maximum capacities for collected emissions from this emissions unit and K001, unless otherwise specified or approved by the Ohio EPA, Central District Office.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Central District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA, Central District Office's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA, Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Central District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Central District Office.

3. The permittee shall determine the organic HAP weight fraction of each coating material applied by following one of the procedures:

a. Method 311. The permittee may test the material in accordance with Method 311 of appendix A of this part. The Method 311 determination may be performed by the manufacturer of the material and the results provided to the permittee. The organic HAP content shall be calculated according to the following criteria and procedures:

i. Count only those organic HAP that are measured to be present at greater than or equal to 0.1 weight percent for Occupational Safety and Health Administration (OSHA)-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and greater than or equal to 1.0 weight percent for other organic HAP compounds.

ii. Express the weight fraction of each organic HAP counted according to paragraph (a.)(i.) of this section as a value truncated to four places after the decimal point (for example, 0.3791).

iii. Calculate the total weight fraction of organic HAP in the tested material by summing the counted individual organic HAP weight fractions and truncating the result to three places after the decimal point (for example, 0.763).

b. Method 24. For coatings, The permittee may determine the total volatile matter content as weight fraction of nonaqueous volatile matter and use it as a substitute for organic HAP, using Method 24 of 40 CFR part 60, appendix A. The Method 24 determination may be performed by the manufacturer of the coating and the results provided to the permittee.

c. Alternative method. The permittee may use an alternative test method for determining the organic HAP weight fraction once the Administrator has approved it. The permittee shall follow the procedure in 40 CFR 63.7(f) to submit an alternative test method for approval.

d. Formulation data. The permittee may use formulation data provided that the information represents each organic HAP present at a level equal to or greater than 0.1 percent for OSHA-defined carcinogens as specified in 29 CFR 1910.1200(d)(4) and equal to or greater than 1.0 percent for other organic HAP compounds in any raw material used, weighted by the mass fraction of each raw material used in the material. Formulation data may be provided to the permittee by the manufacturer of the coating material. In the event of any inconsistency between test data obtained with the test methods specified in paragraphs (a.) through (c.) of term A.V.3. and formulation data, the test data will govern.

VI. Miscellaneous Requirements

None

B. State Only Enforceable Section

I. Applicable Emissions Limitations and/or Control Requirements

1. The specific operations(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be specified in narrative form following the table.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
K002 - Strip paint line finish coater room and curing oven controlled with a thermal oxidizer.	None	None

2. Additional Terms and Conditions

2.a None

II. Operational Restrictions

None

III. Monitoring and/or Recordkeeping Requirements

None

IV. Reporting Requirements

None

V. Testing Requirements

None

VI. Miscellaneous Requirements

None