



State of Ohio Environmental Protection Agency

Street Address:

Lazarus Gov. Center
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Columbus, OH 43215

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

Mailing Address:

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

CERTIFIED MAIL

**RE: FINAL PERMIT TO INSTALL
CLERMONT COUNTY
Application No: 14-05976
Fac ID: 1413010505**

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

DATE: 11/15/2007

Tri-State Fabricators Inc.
Rick Vogt
1146 Ferris Road
Amelia, OH 45102

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 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

HCDES



**Permit To Install
Terms and Conditions**

**Issue Date: 11/15/2007
Effective Date: 11/15/2007**

FINAL PERMIT TO INSTALL 14-05976

Application Number: 14-05976

Facility ID: 1413010505

Permit Fee: **\$1800**

Name of Facility: Tri-State Fabricators Inc.

Person to Contact: Rick Vogt

Address: 1146 Ferris Road
Amelia, OH 45102

Location of proposed air contaminant source(s) [emissions unit(s)]:
**1146 Ferris Road
Amelia, Ohio**

Description of proposed emissions unit(s):
This permit to install application covers two wet paint booths and a burn-off oven at the facility.

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

Chris Korleski
Director

Part I - GENERAL TERMS AND CONDITIONS

A. Permit to Install General Terms and Conditions

1. Compliance Requirements

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

2. Reporting Requirements

The permittee shall submit required reports in the following manner:

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

3. Records Retention Requirements

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

4. Inspections and Information Requests

The Director of the Ohio EPA, or an authorized representative of the Director, may, subject to the safety requirements of the permittee and without undue delay, enter upon the premises of this source at any reasonable time for purposes of making inspections, conducting tests, examining records or reports pertaining to any emission of air contaminants, and determining compliance with any applicable State air pollution laws and

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

5. Scheduled Maintenance/Malfunction Reporting

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

6. Permit Transfers

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

7. Air Pollution Nuisance

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

8. Termination of Permit to Install

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

9. Construction of New Sources(s)

The proposed emissions unit(s) shall be constructed in strict accordance with the plans and application submitted for this permit to the Director of the Ohio Environmental Protection Agency. There may be no deviation from the approved plans without the express, written approval of the Agency. Any deviations from the approved plans or the above conditions

may lead to such sanctions and penalties as provided under Ohio law. Approval of these plans does not constitute an assurance that the proposed facilities will operate in compliance with all Ohio laws and regulations. Additional facilities shall be installed upon orders of the Ohio Environmental Protection Agency if the proposed sources cannot meet the requirements of this permit or cannot meet applicable standards.

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

10. Public Disclosure

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

11. Applicability

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

12. Best Available Technology

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

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

This facility is permitted to operate each source described by this Permit to Install for a period of up to one year from the date the source commenced operation. This permission to operate is granted only if the facility complies with all requirements contained in this

permit and all applicable air pollution laws, regulations, and policies. Pursuant to OAC Chapter 3745-35, the permittee shall submit a complete operating permit application within ninety (90) days after commencing operation of the emissions unit(s) covered by this permit.

14. Construction Compliance Certification

The applicant shall provide Ohio EPA with a written certification (see enclosed form) that the facility has been constructed in accordance with the Permit to Install application and the terms and conditions of the Permit to Install. The certification shall be provided to Ohio EPA upon completion of construction but prior to startup of the source.

15. Fees

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

B. Permit to Install Summary of Allowable Emissions

The following information summarizes the total allowable emissions, by pollutant, based on the individual allowable emissions of each air contaminant source identified in this permit.

SUMMARY (for informational purposes only)
 TOTAL PERMIT TO INSTALL ALLOWABLE EMISSIONS

<u>Pollutant</u>	<u>Tons Per Year</u>
VOC	14.96
PE/PM-10	0.06
NOx	0.19
CO	0.22
SO2	0.008

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

A. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (K001) - Automatic Paint Spray Booth

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Volatile Organic Compound (VOC) emissions shall not exceed 8.75 pounds per hour from coating usage only. VOC emissions shall not exceed 7.44 tons per year from coatings and cleanup material usage. See terms A.2.a, A.2.b, B.1 and B.2. The requirements of this rule also includes compliance with the requirements of OAC rule 3745-21-09(U)(1)(d).
OAC rule 3745-21-09(U)(1)(d)	See term A.2.c.

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, the VOC content limitations and emissions limitations.
- 2.b The VOC content of each cleanup material shall not exceed 6.75 pounds of VOC per gallon.
- 2.c The VOC content of the coatings employed shall not exceed 3.5 pounds per gallon, as applied, excluding water and exempt solvents.
- 2.d The hourly emissions limitations outlined for VOC are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limitations.

B. Operational Restrictions

1. The maximum coating usage for this emissions unit shall not exceed 3650 gallons per year as applied, excluding water and exempt solvents.

2. The maximum cleanup material usage for this emissions unit shall not exceed 310 gallons per year.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for emissions unit K001:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating, in pounds per gallon as applied, excluding water and exempt solvents.
 - c. The volume of each coating employed, in gallons, excluding water and exempt solvents.
 - d. The total volume of all coatings employed, in gallons, excluding water and exempt solvents.
 - e. The name and identification number of each cleanup material employed.
 - f. The VOC content of each cleanup material, in pounds per gallon.
 - g. The volume of each cleanup material employed, in gallons.
 - h. The total volume of all cleanup materials employed, in gallons.
 - i. The total VOC emissions from all coatings employed (b x c).
 - j. The total VOC emissions from all cleanup materials employed (f x g).
 - k. The total VOC emissions from all coatings and cleanup materials employed, in pounds [(b x c) + (f x g)].

These records shall be summarized at the end of the calendar year.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services of any annual record showing that emissions unit K001 employed more than the applicable maximum annual coating or cleanup material usage limit outlined in terms and conditions B.1. and B.2. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurred. For each usage limit exceedance the permittee shall also identify if an exceedance of the applicable annual VOC emissions limitation occurred.

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month in which the use of noncomplying coatings was recorded.
3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit unless otherwise specified.

E. Testing Requirements

1. USEPA methods 24 and 24A shall be used to determine the VOC content for coatings and cleanup materials. If pursuant to 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or cleanup material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
2. Compliance with the emissions limitations in Section A and usage limitations in Section B of these terms and conditions shall be determined in accordance with the following method(s):

a. Emissions Limitation:

VOC emissions shall not exceed 8.75 pounds per hour from coating usage only

Applicable Compliance Method:

The hourly VOC emissions limitation from coatings usage only shall be demonstrated by the use of following equation:

Hourly VOC Emission = A x B; where:

A = Allowable VOC content of the coatings, as applied (3.5 pounds per gallon)

B = Maximum hourly coating usage rate (2.5 gallons per hour)

b. Emissions Limitation:

VOC emissions shall not exceed 7.44 tons per year including coatings and cleanup materials.

Applicable Compliance Method:

The annual VOC emissions limitation from coating and cleanup materials usage shall be demonstrated by the use of following equation:

Annual VOC Emission = (A x B x 0.0005) + © x D x 0.0005);

where:

A = Actual VOC content of the coatings

B = Actual coating use

C = Actual VOC content of the cleanup material

D = Actual cleanup material use

0.0005 is the conversion factor for pounds to tons.

Compliance shall be based upon the record keeping requirements as specified in term and condition C.1.

c. Usage Limitations:

3650 gallons as applied, excluding water and exempt solvents per year, of coatings; and 310 gallons per year, of cleanup materials.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements as specified in term and condition C.1.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

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

A. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (K002) - Manual Paint Spray Booth

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Volatile Organic Compound (VOC) emissions shall not exceed 8.75 pounds per hour from coating usage only. VOC emissions shall not exceed 7.44 tons per year from coatings and cleanup material usage. See terms A.2.a, A.2.b, B.1 and B.2. The requirements of this rule also includes compliance with the requirements of OAC rule 3745-21-09(U)(1)(d).
OAC rule 3745-21-09(U)(1)(d)	See term A.2.c.

2. Additional Terms and Conditions

- 2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by coating and cleanup material usage restrictions, the VOC content limitations and emissions limitations.
- 2.b The VOC content of each cleanup material shall not exceed 6.75 pounds of VOC per gallon.
- 2.c The VOC content of the coatings employed shall not exceed 3.5 pounds per gallon, as applied, excluding water and exempt solvents.
- 2.d The hourly emissions limitations outlined for VOC are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to demonstrate compliance with these limitations.

B. Operational Restrictions

1. The maximum coating usage for this emissions unit shall not exceed 3650 gallons per year as applied, excluding water and exempt solvents.

2. The maximum cleanup material usage for this emissions unit shall not exceed 310 gallons per year.

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall collect and record the following information each month for emissions unit K002:
 - a. The name and identification number of each coating, as applied.
 - b. The VOC content of each coating, in pounds per gallon as applied, excluding water and exempt solvents.
 - c. The volume of each coating employed, in gallons, excluding water and exempt solvents.
 - d. The total volume of all coatings employed, in gallons, excluding water and exempt solvents.
 - e. The name and identification number of each cleanup material employed.
 - f. The VOC content of each cleanup material, in pounds per gallon.
 - g. The volume of each cleanup material employed, in gallons.
 - h. The total volume of all cleanup materials employed, in gallons.
 - i. The total VOC emissions from all coatings employed (b x c).
 - j. The total VOC emissions from all cleanup materials employed (f x g).
 - k. The total VOC emissions from all coatings and cleanup materials employed, in pounds [(b x c) + (f x g)].

These records shall be summarized at the end of the calendar year.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services of any annual record showing that emissions unit K002 employed more than the applicable maximum annual coating or cleanup material usage limit outlined in terms and conditions B.1. and B.2. A copy of such record shall be sent to the Hamilton County Department of Environmental Services within 45 days after the exceedance occurred. For each usage limit exceedance the permittee shall also identify if an exceedance of the applicable annual VOC emissions limitation occurred.

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record showing the use of noncomplying coatings. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days following the end of the calendar month in which the use of noncomplying coatings was recorded.
3. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit unless otherwise specified.

E. Testing Requirements

1. USEPA methods 24 and 24A shall be used to determine the VOC content for coatings and cleanup materials. If pursuant to 40 CFR Part 60, Appendix A, the permittee determines that Method 24 or 24A cannot be used for a particular coating or cleanup material, the permittee shall so notify the Administrator of the USEPA and shall use formulation data for that coating or cleanup material to demonstrate compliance until the USEPA provides alternative analytical procedures or alternative precision statements for Method 24 or 24A.
2. Compliance with the emissions limitations in Section A and usage limitations in Section B of these terms and conditions shall be determined in accordance with the following method(s):

a. Emissions Limitation:

VOC emissions shall not exceed 8.75 pounds per hour from coating usage only

Applicable Compliance Method:

The hourly VOC emissions limitation from coatings usage only shall be demonstrated by the use of following equation:

Hourly VOC Emission = A x B; where:

A = Allowable VOC content of the coatings, as applied (3.5 pounds per gallon)

B = Maximum hourly coating usage rate (2.5 gallons per hour)

b. Emissions Limitation:

VOC emissions shall not exceed 7.44 tons per year including coatings and cleanup materials.

Applicable Compliance Method:

The annual VOC emissions limitation from coating and cleanup materials usage shall be demonstrated by the use of following equation:

Annual VOC Emission = (A x B x 0.0005) + © x D x 0.0005);

where:

A = Actual VOC content of the coatings

B = Actual coating use

C = Actual VOC content of the cleanup material

D = Actual cleanup material use

0.0005 is the conversion factor for pounds to tons.

Compliance shall be based upon the record keeping requirements as specified in term and condition C.1.

c. Usage Limitations:

3650 gallons as applied, excluding water and exempt solvents per year, of coatings;
and 310 gallons per year, of cleanup materials.

Applicable Compliance Method:

Compliance shall be based upon the record keeping requirements as specified in term and condition C.1.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

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

A. Applicable Emissions Limitations and/or Control Requirements

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

Operations, Property, and/or Equipment - (N001) - Burn-off Oven

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)(b)	See term and condition A.2.a.
OAC rule 3745-31-05(C)	See term and condition A.2.b.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six minute average.
OAC rule 3745-17-09(B)	The particulate emissions shall not exceed 0.10 lb per 100 lb of charged material.
OAC rule 3745-18-06(C)	Exempted based on process weight rate less than 1000 lb/hr.

2. Additional Terms and Conditions

- 2.a The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to particulate emissions (PE), particulate matter 10 microns and less in diameter (PM-10) emissions, SO₂ emissions, NO_x emissions and VOC emissions from this air contaminant source since the total uncontrolled potential to emit for PE, PM₁₀, SO₂, NO_x and VOC emissions is less than 10 tons per year.
- 2.b Permit to Install 14-05976 for this air contaminant source takes into account the following voluntary restrictions as proposed by the permittee for the purpose of avoiding Best Available technology (BAT) under OAC rule 3745-31-05(A)(3):
 - i. for Carbon Monoxide (CO) emissions: the permittee shall use an afterburner at all times while this emissions unit is in operation to ensure the controlled potential to emit is less than 10.0 tons per year of CO.
- 2.c The hourly and annual limitations are based on the emissions unit's potential to emit. Therefore, no monitoring, recordkeeping and reporting requirements are necessary to ensure on-going compliance with these emissions limitations.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
2. The permittee shall perform weekly checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving the emissions unit. The presence or absence of any visible emissions shall be noted in an operation log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted to the Hamilton County Department of Environmental Services within 30 days after the deviation occurs.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 and July 31 of each year and shall cover the previous 6-month periods.

E. Testing Requirements

1. Compliance with the Applicable Emissions Limitations in Section A.1 of these Terms and Conditions shall be determined in accordance with the following methods:

a. Emissions Limitation

The controlled potential to emit for CO emissions is less than 10.0 tons per year.

Applicable Compliance Method

Emissions shall be calculated and compliance determined by using the following equations:

tons per year emissions = A * B * C; where:

A = pound per hour emission rate for CO based on the emission test data as provided to the facility by the manufacturer in air permit to install 14-05976 submitted on August 10, 2007 which is as follows:

<u>Pollutant</u>	<u>Emission rate, lb/hr</u>
CO	0.05

B = 8760 hours per year

C = 0.0005 ton per pounds

b. Emissions Limitation:

The uncontrolled potential to emit for PE, PM-10, SO₂, NO_x and VOC emissions is less than 10.0 tons per year.

Application Compliance Method:

Emissions shall be calculated and compliance determined by using the following equations:

tons per year emissions = A * B * C; where:

A = pound per hour emission rate for each pollutant based on the emission test data as provided to the facility by the manufacturer in air permit to install 14-05976 submitted on August 10, 2007 which is as follows:

<u>Pollutant</u>	<u>Emission rate, lb/hr</u>
PE/PM-10	0.0133
NO _x	0.0271
SO ₂	0.0018
VOC	0.0174

B = 8760 hours per year

C = 0.0005 ton per pounds

c. Emissions Limitation:

Visible particulate emissions from any stack shall not exceed 20% opacity as a six-minute average.

Applicable Compliance Method:

If required, compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9.

F. Miscellaneous Requirements

None