State of Ohio Environmental Protection Agency

RE: FINAL PERMIT TO INSTALL **CERTIFIED MAIL**
HAMILTON COUNTY

Street Address:
50 West Town Street, Suite 700
Lazarus Gov. Center **TELE:** (614) 644-3020 **FAX:** (614) 644-2329
Mailing Address:
Lazarus Gov. Center
P.O. Box 1049

Application No: 14-05937
Fac ID: 1431050845
DATE: 6/26/2007

Smurfit-Stone Container Corporation
John Liggett
9960 Alliance Road
Cincinnati, OH 45242

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

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

CC: **USEPA** **HCDES**

STATE OF OHIO ENVIRONMENTAL PROTECTION AGENCY

Permit To Install	**Issue Date: 6/26/2007**
Terms and Conditions	**Effective Date: 6/26/2007**

FINAL PERMIT TO INSTALL 14-05937

Application Number:	14-05937
Facility ID:	1431050845
Permit Fee:	**$800**
Name of Facility:	Smurfit-Stone Container Corporation
Person to Contact:	John Liggett
Address:	9960 Alliance Road Cincinnati, OH 45242

Location of proposed air contaminant source(s) [emissions unit(s)]:
9960 Alliance
Cincinnati, **Ohio**

Description of proposed emissions unit(s):
Two natural gas-fired boilers.

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

Pollutant	Tons Per Year
NOx	46.2
CO	31.5
PE/PM10	1.64
SO2	3.76
VOC	2.38

Issued: 6/26/2007

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 - (B004) - 25.125 mmBtu/hr natural gas-fired boiler with propane back-up

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxide (NOx) emissions shall not exceed 5.27 pounds per hour (lb/hr) and 23.10 tons per year (TPY). Carbon monoxide (CO) emissions shall not exceed 3.60 lb/hr and 15.75 TPY.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.
40 CFR Part 60, Subpart Dc	Emission standards do not apply to natural gas fired units that use propane backup.
ORC 3704.03(T)(4)	See term and condition A.2.b
OAC rule 3745-17-10(B)(1)	Particulate emissions shall not exceed 0.020 lb/mmBtu.
OAC rule 3745-21-08(B)	See term and condition A.2.e

2. Additional Terms and Conditions

2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of natural gas or propane and the emission limitations listed in term A.1 above.

2.b The Best Available Technology (BAT) requirements under OAC rule 3745-31(A)(3) do not apply to the particulate emissions (PE), particulate matter emissions 10 microns and less in diameter (PM10), sulfur dioxide (SO_2) and volatile organic compounds (VOC) from this air contaminant source since the uncontrolled potential to emit for PE, PM10, SO2 and VOC is less than ten tons per year.

2.c The short term emission limitations in Section A.1 are based on the emission unit's potential to emit. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with these emission limitations.

2.d The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

2.e The design of the emissions unit and the technology associated with the proposed operating practices satisfy the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. This rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Until the U.S. EPA approves the revision to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:

   a. The total volume of natural gas, in millions of cubic feet ($mmft^3$), burned in this emissions unit.

   b. The total volume of propane ($mmft^3$) burned in this emissions unit.

   Also, during the first 12 calendar months of operation, the permittee shall record the cumulative fuel use for each calendar month.

D. Reporting Requirements

1. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

   a. construction date (no later than 30 days after such date);

   b. actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and

   c. date of performance testing (if required, at least 30 days prior to testing).

   Reports are to be sent to:

   Hamilton County Department of Environmental Services
   250 William Howard Taft Road
   Cincinnati, Ohio 45219

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than natural gas or propane. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days after the deviation occurs.

3. The permittee shall submit annual reports to Hamilton County Department of Environmental Services in writing which specify the NOx and CO emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

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

   a. Emission Limitation:
   Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

   Applicable Compliance Method:
   Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the

procedures specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitations:
Nitrogen oxide (NOx) emissions shall not exceed 5.27 pounds per hour (lb/hr) and 23.10 tons per year (TPY).

Applicable Compliance Methods:
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.5, Table 1.5-1 (10/96). Compliance with the lb/hr emission limitation may be determined by converting the 19 lbs NOx/10^3 gal emission factor into lb NOx/mmBtu by dividing by 1,000 gal/10^3 gal. This result is then divided by the result of dividing 90,500 Btu per gallon by 1,000,000 Btu/mmBtu. This emission factor is then multiplied by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr). The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

c. Emission Limitations:
Carbon monoxide (CO) emissions shall not exceed 3.60 lb/hr and 15.75 TPY.

Applicable Compliance Methods:
The emission limitations were based upon the emission factor from manufacturer's specifications. Compliance with the lb/hr emission limitation may be determined by dividing the 150 parts per million (ppm) emission factor by 1,000,000, then multiplying by the maximum exhaust flow of 5,412 standard cubic feet per minute (scfm). This result is multiplied by 60 minutes/hour and by the molecular weight of CO in pounds per pound molar (lb/lb-mol). This result is finally divided by 379.4 cubic feet (ft^3)/lb-mol. The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

d. Emission limitation:
0.020 lb PE per mmBtu of actual heat input

Applicable compliance method:
For the use of natural gas, compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (mm cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 7.6 lbs of total PM/mm cu. ft, and then dividing by the maximum hourly heat input of the emissions unit (mmBtu/hr).

For the use of propane, compliance shall be determined by multiplying the hourly propane burning capacity of the emissions unit (in 1000 gallons/hr) by the AP-42, Fifth Edition, Section 1.5, Table 1.5-1 (revised 10/96) emission factor of 0.6 lb of PM/1000 gallons, and then dividing by the maximum hourly heat input of the emissions unit (mmBtu/hr).

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

e c. Emission limitation:
less than 10.0 tons per year PE/PM10

Applicable compliance method:
The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton. PM10 emissions shall be assumed to be equivalent to PE.

f. Emission limitation:
less than 10.0 tons per year SO2

Applicable compliance method:
The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

g. Emission limitation:
less than 10.0 tons per year VOC

Applicable compliance method:
The actual annual emission rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

F. Miscellaneous Requirements

None

Issued: 6/26/2007

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 - (B005) - 25.125 mmBtu/hr natural gas-fired boiler with propane back-up

Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
OAC rule 3745-31-05(A)(3)	Nitrogen oxide (NOx) emissions shall not exceed 5.27 pounds per hour (lb/hr) and 23.10 tons per year (TPY). Carbon monoxide (CO) emissions shall not exceed 3.60 lb/hr and 15.75 TPY.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.
40 CFR Part 60, Subpart Dc	Emission standards do not apply to natural gas fired units that use propane backup.
ORC 3704.03(T)(4)	See term and condition A.2.b
OAC rule 3745-17-10(B)(1)	Particulate emissions shall not exceed 0.020 lb/mmBtu.
OAC rule 3745-21-08(B)	See term and condition A.2.e

2. Additional Terms and Conditions

2.a Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of natural gas or propane and the emission limitations listed in term A.1 above.

2.b The Best Available Technology (BAT) requirements under OAC rule 3745-31(A)(3) do not apply to the particulate emissions (PE), particulate matter emissions 10 microns and less in diameter (PM10), sulfur dioxide (SO_2) and volatile organic compounds (VOC) from this air contaminant source since the uncontrolled potential to emit for PE, PM10, SO2 and VOC is less than ten tons per year.

2.c The short term emission limitations in Section A.1 are based on the emission unit's potential to emit. Therefore, no monitoring, record keeping, and reporting requirements are necessary to ensure ongoing compliance with these emission limitations.

2.d The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR Part 60 are also federally enforceable.

2.e The design of the emissions unit and the technology associated with the proposed operating practices satisfy the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B).

On November 5, 2002, OAC rule 3745-21-08 was revised to delete paragraph (B); therefore, paragraph (B) is no longer part of the State regulations. This rule revision was submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Until the U.S. EPA approves the revision to OAC rule 3745-21-08, the requirement to satisfy the "best available control techniques and operating practices" still exists as part of the federally-approved SIP for Ohio.

B. Operational Restrictions

None

C. Monitoring and/or Recordkeeping Requirements

1. The permittee shall maintain monthly records of the following information:

   a. The total volume of natural gas, in millions of cubic feet (mmft^3), burned in this emissions unit.

   b. The total volume of propane (mmft^3) burned in this emissions unit.

   Also, during the first 12 calendar months of operation, the permittee shall record the cumulative fuel use for each calendar month.

D. Reporting Requirements

1. Pursuant to the NSPS, the source owner/operator is hereby advised of the requirement to report the following at the appropriate times:

   a. construction date (no later than 30 days after such date);

   b. actual start-up date (within 15 days after such date), including a description of each affected emissions unit, equipment manufacturer, and serial number of the equipment if available; and

   c. date of performance testing (if required, at least 30 days prior to testing).

   Reports are to be sent to:

   Hamilton County Department of Environmental Services
   250 William Howard Taft Road
   Cincinnati, Ohio 45219

2. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any fuel burned in this emissions unit other than natural gas or propane. The notification shall include a copy of such record and shall be sent to the Hamilton County Department of Environmental Services within 30 days after the deviation occurs.

3. The permittee shall submit annual reports to Hamilton County Department of Environmental Services in writing which specify the NOx and CO emissions from this emissions unit for the previous calendar year. These reports shall be submitted by January 31 of each year.

E. Testing Requirements

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

   a. Emission Limitation:
   Visible particulate emissions from any stack shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.

   Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

b. Emission Limitations:
Nitrogen oxide (NOx) emissions shall not exceed 5.27 pounds per hour (lb/hr) and 23.10 tons per year (TPY).

Applicable Compliance Methods:
The emission limitations were based upon the emission factor from AP-42, "Compilation of Air Pollutant Emission Factors", 5th Edition, Section 1.5, Table 1.5-1 (10/96). Compliance with the lb/hr emission limitation may be determined by converting the 19 lbs NOx/10^3 gal emission factor into lb NOx/mmBtu by dividing by 1,000 gal/10^3 gal. This result is then divided by the result of dividing 90,500 Btu per gallon by 1,000,000 Btu/mmBtu. This emission factor is then multiplied by the maximum rated heat input capacity of the emissions unit (in mmBtu/hr). The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

c. Emission Limitations:
Carbon monoxide (CO) emissions shall not exceed 3.60 lb/hr and 15.75 TPY.

Applicable Compliance Methods:
The emission limitations were based upon the emission factor from manufacturer's specifications. Compliance with the lb/hr emission limitation may be determined by dividing the 150 parts per million (ppm) emission factor by 1,000,000, then multiplying by the maximum exhaust flow of 5,412 standard cubic feet per minute (scfm). This result is multiplied by 60 minutes/hour and by the molecular weight of CO in pounds per pound molar (lb/lb-mol). This result is finally divided by 379.4 cubic feet (ft^3)/lb-mol. The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

Emissions Unit ID: **B005**

d. Emission limitation:
0.020 lb PE per mmBtu of actual heat input

Applicable compliance method:
For the use of natural gas, compliance shall be determined by multiplying the hourly gas burning capacity of the emissions unit (mm cu. ft/hr) by the AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emission factor of 7.6 lbs of total PM/mm cu. ft, and then dividing by the maximum hourly heat input of the emissions unit (mmBtu/hr).

For the use of propane, compliance shall be determined by multiplying the hourly propane burning capacity of the emissions unit (in 1000 gallons/hr) by the AP-42, Fifth Edition, Section 1.5, Table 1.5-1 (revised 10/96) emission factor of 0.6 lb of PM/1000 gallons, and then dividing by the maximum hourly heat input of the emissions unit (mmBtu/hr).

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

e c. Emission limitation:
less than 10.0 tons per year PE/PM10

Applicable compliance method:
The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton. PM10 emissions shall be assumed to be equivalent to PE.

f. Emission limitation:
less than 10.0 tons per year SO2

Applicable compliance method:
The actual annual emissions rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

g. Emission limitation:
less than 10.0 tons per year VOC

Applicable compliance method:
The actual annual emission rate shall be calculated by multiplying the actual annual fuel usage by the emissions factors from "Compilation of Air Pollutant Emission Factors", AP-42, Fifth Edition, Section 1.4, Table 1.4-2 (revised 7/98) emissions factor for natural gas burning and AP-42, 5th Edition, Section 1.5, Table 1.5-1 (10/96) for propane burning and dividing by 2000 pounds per ton.

F. Miscellaneous Requirements

None