

Facility ID: 1431052004 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Facility ID: 1431052004 Emissions Unit ID: B009 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B009 - 18.84 mmBtu/hr Natural Gas/No. 2 Fuel Oil Fired Boiler	OAC rule 3745-31-05(A)(3) 14-05858	Nitrogen oxides (NOx) emissions shall not exceed 0.12 lb of NOx/mmBtu of actual heat input when burning natural gas.
		Nitrogen oxides (NOx) emissions shall not exceed 0.27 lb of NOx/mmBtu of actual heat input when burning No. 2 fuel oil.
		Nitrogen oxides (NOx) emissions shall not exceed 11.99 TPY.
	40 CFR Part 60 Subpart Dc	The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Dc.
	OAC rule 3745-31-02(A)	The sulfur dioxide (SO2) emission rate shall not exceed 0.50 lb/mmBtu of actual heat input when burning No. 2 fuel oil.
		The sulfur dioxide (SO2) emission rate shall not exceed 6.99 tons/year based on rolling 12-month summation.
	OAC rule 3745-18-06(D)	See terms A.2.d and B.2.
OAC rule 3745-17-07(A)(1)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60 Subpart Dc.	
OAC rule 3745-17-10(B)(1)	Visible particulate emissions from any stack shall not exceed twenty percent (20%) opacity, as a six-minute average, except as specified by rule.	
ORC 3704.03(T)(4)	Particulate emissions shall not exceed 0.020 lb/mmBtu of actual heat input.	
	See terms A.2.e and A.2.f.	

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of natural gas and No. 2 fuel oil and the NOx emission limitations listed in term A.1 above.

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.

The lb/mmBtu emission limitations outlined in term A.1 is based upon the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with these limitations.

Permit to install 14-05858 for this air contaminant source takes into account the usage restriction on No. 2 fuel oil to 200,000 gallons per year, as a voluntary restriction as proposed by the permittee for the

purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3).

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate matter 10 microns and less in diameter (PM10), volatile organic compounds (VOC) and carbon monoxide (CO) emissions from this air contaminant source because the uncontrolled potential to emit for these emissions is less than ten tons per year.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this air contaminant source because the calculated annual emission rate for PE is less than 10 tons per year taking into account the federally enforceable rule limit of 0.020 lb/mmBtu under OAC rule 3745-17-10.

B. Operational Restrictions

1. The permittee shall burn only natural gas and/or No. 2 fuel oil in this emissions unit.
2. The maximum fuel oil usage in this emissions unit shall not exceed 200,000 gallons of No. 2 fuel oil per year, based on a rolling, 12-month summation of the No. 2 fuel oil usage figures.

To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the maximum No. 2 fuel oil usage levels specified in the following table:

Month(s) Maximum Allowable Cumulative
No. 2 fuel oil Usage (Gallons)

1 40,000
1-2 80,000
1-3 120,000
1-4 160,000
1-5 180,000
1-6 200,000
1-7 200,000
1-8 200,000
1-9 200,000
1-10 200,000
1-11 200,000
1-12 200,000

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.
Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in this emissions unit for each day when the emissions unit is in operation. If additional fuel oil is added to the tank serving this emissions unit on a day when the emissions unit is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the fuel oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when this emissions unit is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).]

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294), or equivalent methods as approved by the Director.

2. The permittee shall maintain records of the following information:
 - The total amount of natural gas (in cubic feet) burned in this emissions unit each month.
 - The total number of gallons of No. 2 fuel oil burned in this emissions unit each month.
 - Beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling 12-month summation of No. 2 fuel oil burned, in gallons in this emissions unit.
 - During the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative No. 2 fuel oil burned, in gallons for each calendar month.
 - The total rolling 12-month summation of SO₂ emissions in tons per year for this emissions unit.
 - The total emissions of NO_x in tons per year for each calendar year.
 - Any day when a fuel other than natural gas or No. 2 fuel oil was used in this emissions unit.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation based upon the calculated sulfur dioxide emission rates from Section C. 1 above. The notification shall include a copy of such record and shall be sent the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the rolling, 12-month No. 2 fuel oil use limitation and for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative No. 2 fuel oil use limitation. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters

(October through December, January through March, April through June and July through September, respectively).

3. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the rolling, 12-month SO₂ emissions limitation. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).
4. The permittee shall submit a deviation report within 45 days to the Hamilton County Department of Environmental Services that identifies any day when a fuel other than natural gas or No. 2 fuel oil is used in this emissions unit.
5. The permittee shall submit annual reports which specify the total NO_x emissions from this emissions unit for the previous calendar year. These reports shall be sent to the Hamilton County Department of Environmental Services by January 31 of each year.
6. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
7. Pursuant to the NSPS, the permittee is required to report the following information at the appropriate times (if the information has not already been reported):
Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P. O. Box 1049
Columbus, Ohio 43216-1049

and

Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219
construction date (no later than 30 days after such date);
actual start-up date (within 15 days after such date);
date of performance testing (if required, at least 30 days prior to testing);
the design heat input capacity of the emissions unit and the type of fuel to be combusted; and
the annual capacity factor at which the permittee anticipates operating the emissions unit.

E. Testing Requirements

1. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitations:
The nitrogen oxides (NO_x) emissions from this emissions unit shall not exceed 0.12 lb of NO_x/mmBtu of actual heat input when burning natural gas.

The NO_x emissions from this emissions unit shall not exceed 0.27 lb of NO_x/mmBtu of actual heat input when burning No. 2 fuel oil.

The NO_x emissions from this emissions unit shall not exceed 11.99 TPY.
Applicable Compliance Methods:
The NO_x emission limitations in terms of pounds of NO_x per mmBtu are based on the equipment vendor's guarantee as provided in air Permit to Install application number 14-05858 submitted on June 19, 2006. If required, compliance with the emission limitations shall be demonstrated by emission testing using USEPA methods 1 through 4 and 7 in 40 CFR Part 60 Appendix A.

Compliance with the annual emission limitation shall be based on the maximum lb/mmBtu values multiplied by the actual fuel usage rates (mmBtu/yr) and multiplied by 1 ton/2000 lbs such that the product equals TPY of NO_x.
Emission Limitations:
The sulfur dioxide (SO₂) emissions rate shall not exceed 6.99 tons/year based on rolling 12-month summation.

The sulfur dioxide (SO₂) emissions rate shall not exceed 0.50 lb/mmBtu of actual heat input.
Applicable Compliance Methods:
The SO₂ emission limitation in terms of pounds of SO₂ per mmBtu is based on the equipment vendor's guarantee as provided in air Permit to Install application number 14-05858 number submitted on June 19, 2006. If required, compliance with the emission limitation shall be demonstrated by emission testing using USEPA methods 1 through 4 and 6 in 40 CFR Part 60 Appendix A.

Compliance with the annual emission limitation shall be based on the actual lb/mmBtu value for the fuel oil as determined from term and condition C.1 and the maximum lb/mmBtu value for natural gas multiplied by the actual fuel usage rates (mmBtu/yr) from term and condition C.2 and multiplied by 1 ton/2000 lbs such that the product equals TPY SO₂.
Emission Limitation:
Particulate emissions (PE) shall not exceed 0.020 lb/mmBtu of actual heat input.

Applicable Compliance Methods:
The PE emission limitation in terms of pounds of PE per mmBtu is based on the requirements of OAC 3745-17-10. If required, compliance with the emissions limitation shall be demonstrated by emissions testing using USEPA methods 1 through 5 in 40 CFR Part 60 Appendix A.
Emissions Limitation:
Visible particulate emissions from any stack shall not exceed twenty percent (20%) 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).

2. Compliance with the fuel use limitations in term B.1 shall be demonstrated by the recordkeeping in term C.2.
3. Compliance with the fuel use limitations in term B.2 shall be demonstrated by the recordkeeping in term C.2.

F. Miscellaneous Requirements

1. None

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Facility ID: 1431052004 Emissions Unit ID: B010 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(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 employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
B010 - 18.84 MMBTU/hr Natural Gas/No. 2 Fuel Oil Fired Boiler	OAC rule 3745-31-05(A)(3)	Nitrogen oxides (NOx) emissions shall not exceed 0.12 lb of NOx/mmBtu of actual heat input when burning natural gas.
		Nitrogen oxides (NOx) emissions shall not exceed 0.27 lb of NOx/mmBtu of actual heat input when burning No. 2 fuel oil.
		Nitrogen oxides (NOx) emissions shall not exceed 11.99 TPY.
		The requirements of this rule also include compliance with the requirements of 40 CFR Part 60, Subpart Dc.
	40 CFR Part 60 Subpart Dc	The sulfur dioxide (SO2) emission rate shall not exceed 0.50 lb/mmBtu of actual heat input when burning No. 2 fuel oil.
	OAC rule 3745-31-02(A)	The sulfur dioxide (SO2) emission rate shall not exceed 6.99 tons/year based on rolling 12-month summation.
	OAC rule 3745-18-06(D)	See terms A.2.d and B.2. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60 Subpart Dc.
OAC rule 3745-17-07(A)(1)	Visible particulate emissions from any stack shall not exceed twenty percent (20%) opacity, as a six-minute average, except as specified by rule.	
OAC rule 3745-17-10(B)(1)	Particulate emissions shall not exceed 0.020 lb/mmBtu of actual heat input.	
ORC 3704.03(T)(4)	See terms A.2.e and A.2.f.	

2. Additional Terms and Conditions

- (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the use of natural gas and No. 2 fuel oil and the NOx emission limitations listed in term A.1 above.
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.

The lb/mmBtu emission limitations outlined in term A.1 is based upon the emissions unit's potential to emit (PTE). Therefore, no records are required to demonstrate compliance with these limits.

Permit to install 14-05858 for this air contaminant source takes into account the usage restriction on No. 2 fuel oil to 200,000 gallons per year, as a voluntary restriction as proposed by the permittee for the purpose of avoiding Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3). The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate matter 10 microns and less in diameter (PM10), volatile organic compounds (VOC) and carbon monoxide (CO) emissions from this air contaminant source because the uncontrolled potential to emit for these emissions is less than ten tons per year.

The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the particulate emissions (PE) from this air contaminant source because the calculated annual emission rate for PE is less than 10 tons per year taking into account the federally enforceable rule limit of 0.020 lb/mmBtu under OAC rule 3745-17-10.

B. Operational Restrictions

1. The permittee shall burn only natural gas and/or No. 2 fuel oil in this emissions unit.
2. The maximum fuel usage in this emissions unit shall not exceed 200,000 gallons of No. 2 fuel oil per year, based on a rolling, 12-month summation of the No. 2 fuel oil usage figures.

To ensure enforceability during the first 12 calendar months of operation following the issuance of this permit, the permittee shall not exceed the maximum No. 2 fuel oil usage levels specified in the following table:

Month(s) Maximum Allowable Cumulative
No. 2 fuel oil Usage (Gallons)

1 40,000
1-2 80,000
1-3 120,000
1-4 160,000
1-5 180,000
1-6 200,000
1-7 200,000
1-8 200,000
1-9 200,000
1-10 200,000
1-11 200,000
1-12 200,000

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain records of the oil burned in this emissions unit in accordance with either Alternative 1 or Alternative 2 described below.

Alternative 1:

For each shipment of oil received for burning in this emissions unit, the permittee shall collect or require the oil supplier to collect a representative grab sample of oil and maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).] A shipment may be comprised of multiple tank truck loads from the same supplier's batch, and the quality of the oil for those loads may be represented by a single batch analysis from the supplier.

Alternative 2:

The permittee shall collect a representative grab sample of oil that is burned in this emissions unit for each day when the emissions unit is in operation. If additional fuel oil is added to the tank serving this emissions unit on a day when the emissions unit is in operation, the permittee shall collect a sufficient number of grab samples to develop a composite sample representative of the fuel oil burned in this emissions unit. A representative grab sample of oil does not need to be collected on days when this emissions unit is only operated for the purpose of "test-firing." The permittee shall maintain records of the total quantity of oil burned each day, except for the purpose of test-firing, the permittee's analyses for sulfur content and heat content, and the calculated sulfur dioxide emission rate (in lbs/mmBtu). [The sulfur dioxide emission rate shall be calculated in accordance with the formula specified in OAC rule 3745-18-04(F).]

The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with 40 CFR Part 60, Appendix A, Method 19, or the appropriate ASTM methods (such as, ASTM methods D240 and D4294), or equivalent methods as approved by the Director.

2. The permittee shall maintain records of the following information:
 - The total amount of natural gas (in cubic feet) burned in this emissions unit each month.
 - The total number of gallons of No. 2 fuel oil burned in this emissions unit each month.
 - Beginning after the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the rolling 12-month summation of No. 2 fuel oil burned, in gallons in this emissions unit.
 - During the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, the permittee shall record the cumulative No. 2 fuel oil burned, in gallons for each calendar month.
 - The total rolling 12-month summation of SO₂ emissions in tons per year for this emissions unit.
 - The total emissions of NO_x in tons per year for each calendar year.
 - Any day when a fuel other than natural gas or No. 2 fuel oil was used in this emissions unit.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any record which shows a deviation of the allowable sulfur dioxide emission limitation based upon the calculated sulfur dioxide emission rates from Section C. 1 above. The notification shall include a copy of such record and shall be sent the Hamilton County Department of Environmental Services within 45 days after the deviation occurs.
2. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the rolling, 12-month No. 2 fuel oil use limitation and

for the first 12 calendar months of operation or the first 12 calendar months following the issuance of this permit, all exceedances of the maximum allowable cumulative No. 2 fuel oil use limitation. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).

3. The permittee shall submit quarterly deviation (excursion) reports to the Hamilton County Department of Environmental Services which identify all exceedances of the rolling, 12-month SO₂ emissions limitation. If no deviations occurred during the reporting period, the permittee shall state so in the report. The permittee shall submit the reports by January 31, April 30, July 31 and October 31 of each year and shall cover the previous calendar quarters (October through December, January through March, April through June and July through September, respectively).
4. The permittee shall submit a deviation report within 45 days to the Hamilton County Department of Environmental Services that identifies any day when a fuel other than natural gas or No. 2 fuel oil is used in this emissions unit.
5. The permittee shall submit annual reports which specify the total NO_x emissions from this emissions unit for the previous calendar year. These reports shall be sent to the Hamilton County Department of Environmental Services by January 31 of each year.
6. The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
7. Pursuant to the NSPS, the permittee is required to report the following information at the appropriate times (if the information has not already been reported):
Reports are to be sent to:

Ohio Environmental Protection Agency
DAPC - Permit Management Unit
P. O. Box 1049
Columbus, Ohio 43216-1049

and

Department of Environmental Services
250 William Howard Taft Road
Cincinnati, Ohio 45219
construction date (no later than 30 days after such date);
actual start-up date (within 15 days after such date);
date of performance testing (if required, at least 30 days prior to testing);
the design heat input capacity of the emissions unit and the type of fuel to be combusted; and
the annual capacity factor at which the permittee anticipates operating the emissions unit.

E. Testing Requirements

1. Compliance with the emission limitations in Sections A.1 and A.2 of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitations:
The nitrogen oxides (NO_x) emissions from this emissions unit shall not exceed 0.12 lb of NO_x/mmBtu of actual heat input when burning natural gas.

The NO_x emissions from this emissions unit shall not exceed 0.27 lb of NO_x/mmBtu of actual heat input when burning No. 2 fuel oil.

The NO_x emissions from this emissions unit shall not exceed 11.99 TPY.

Applicable Compliance Methods:

The NO_x emission limitations in terms of pounds of NO_x per mmBtu are based on the equipment vendor's guarantee as provided in air Permit to Install application number 14-05858 submitted on June 19, 2006. If required, compliance with the emission limitations shall be demonstrated by emission testing using USEPA methods 1 through 4 and 7 in 40 CFR Part 60 Appendix A.

Compliance with the annual emission limitation shall be based on the maximum lb/mmBtu value multiplied by the actual fuel usage rates (mmBtu/yr) and multiplied by 1 ton/2000 lbs such that the product equals TPY of NO_x.

Emission Limitations:

The sulfur dioxide (SO₂) emissions rate shall not exceed 6.99 tons/year based on rolling 12-month summation.

The sulfur dioxide (SO₂) emissions rate shall not exceed 0.50 lb/mmBtu of actual heat input.

Applicable Compliance Methods:

The SO₂ emission limitation in terms of pounds of SO₂ per mmBtu is based on the equipment vendor's guarantee as provided in air Permit to Install application number 14-05858 submitted on June 19, 2006. If required, compliance with the emissions limitation shall be demonstrated by emission testing using USEPA methods 1 through 4 and 6 in 40 CFR Part 60 Appendix A.

Compliance with the annual emission limitation shall be based on the actual lb/mmBtu value for the fuel oil as determined from term and condition C.1 and the maximum lb/mmBtu value for natural gas multiplied by the actual fuel usage rates (mmBtu/yr) from term and condition C.2 and multiplied by 1 ton/2000 lbs such that the product equals TPY of SO₂.

Emissions Limitation:

Particulate emissions (PE) shall not exceed 0.020 lb/mmBtu of actual heat input.

Applicable Compliance Methods:

The PE emission limitation in terms of pounds of PE per mmBtu is based on the requirements of OAC 3745-17-10. If required, compliance with the emission limitation shall be demonstrated by emissions testing using USEPA methods 1 through 5 in 40 CFR Part 60 Appendix A.

Emissions Limitation

Visible particulate emissions from any stack shall not exceed twenty percent (20%) 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).

2. Compliance with the fuel use limitations in term B.1 shall be demonstrated by the recordkeeping in term C.2.
3. Compliance with the fuel use limitations in term B.2 shall be demonstrated by the recordkeeping in term C.2.

F. **Miscellaneous Requirements**

1. None