

Facility ID: 1576050214 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.

[Go to Part II for Emissions Unit B005](#)
[Go to Part II for Emissions Unit B006](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1576050214 Emissions Unit ID: B005 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>
B005 - 25 mmBtu/hr natural gas, No. 6 fuel oil and No. 2 fuel oil-fired boiler.	OAC rule 3745-31-05(A)(3)	Nitrogen oxide (NOx) emissions shall not exceed 0.122 lb/mmBtu, 3.05 lbs/hr and 13.36 tons/yr when firing natural gas. NOx emissions shall not exceed 0.382 lb/mmBtu, 9.63 lbs/hr and 42.18 tons/yr when firing fuel oil. Carbon monoxide (CO) emissions shall not exceed 0.033 lb/mmBtu, 0.83 lb/hr and 3.64 tons/yr. Sulfur dioxide (SO2) emissions shall not exceed 0.516 lb/mmBtu, 13.2 lbs/hour and 49 tons/year. Particulate emissions shall not exceed 0.052 lb/mmBtu, 1.3 lbs/hour and 5.69 tons/yr when firing No. 6 fuel oil. The organic compound (OC) emissions shall not exceed 0.007 lb/mmBtu, 0.176 lb/hr and 0.77 ton/yr. The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1) and 3745-17-10(B)(1).
	OAC rule 3745-17-10(B)(1)	See sections A.2.a, A.2.b, A.2.c and A.2.d below. PE shall not exceed 0.020 lb/MMBtu of actual heat input when firing natural gas or No. 2 fuel oil.
	OAC rule 3745-17-07(A)(1)	Visible particulate emissions shall not exceed 20% opacity, as a six(6)-minute average, except as provided by the rule.
	OAC rule 3745-18-06(D)	The emission limitation specified in this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	40 CFR Part 60, Subpart Dc	The sulfur dioxide emission limitation specified in this rule is equal to or less stringent than the emission limitation established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) This emissions unit shall have steam-atomizing burners.
 The minimum stack height shall be 43.3 feet.
 The fuel oil burned in the two emissions units, B005 and B006, shall meet the following specifications:

- i. for the fuel oil burned in emissions units B005 and B006, the 30-day rolling average sulfur content shall be 0.5 weight percent sulfur or less;
- ii. the heat content of the No. 6 fuel oil shall be at least 133,000 Btu per gallon;
- iii. the heat content of the No. 2 fuel oil shall be at least 124,000 Btu per gallon; and
- iv. the fuel nitrogen content of the No. 6 fuel oil shall not exceed 0.5%.

Compliance with the above-mentioned specifications for sulfur content shall be determined using the guidelines found in 40 CFR Part 60 Subpart Dc.
The heat input of B005 shall not exceed 25 mmBtu/hr.

B. Operational Restrictions

- 1. The permittee shall burn only natural gas, No. 2 fuel oil or No. 6 fuel oil in this emissions unit.
- 2. The fuel usage in emissions units B005 and B006, combined, shall not exceed the following values as a rolling, 12-month summation:
 - a. 2,500,000 gallons of No. 6 fuel oil.
- 3. The quality of the No. 2 fuel oil and No. 6 fuel oil burned in this emissions unit shall meet a sulfur content which is equal to or less than 0.5 weight percent sulfur on an "as burned" basis.

C. Monitoring and/or Record Keeping Requirements

- 1. Pursuant to 40 CFR Part 60 Subpart Dc, the permittee shall record and maintain records of the amount of natural gas, No. 2 fuel oil and No. 6 fuel oil combusted during each day.
- 2. For each day during which the permittee burns a fuel other than natural gas, No. 2 fuel oil or No. 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- 3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of any oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content and ASTM method D240 for heat content. The permittee shall perform or require the supplier to perform the analyses of the fuel nitrogen content of the No. 6 fuel burnt in this emission unit. Alternatively, equivalent methods may be used upon written approval by the Canton local air agency.
- 4. For each shipment of any oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content, density and heat content, and the calculated sulfur dioxide emission rate (in lbs/MMBtu).
- 5. The permittee shall perform daily checks, on each day No. 6 fuel oil is fired and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations 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 abnormal visible emission incident; and
 - e. any corrective actions taken to eliminate the abnormal visible emissions.
- 6. The permittee shall maintain records of the following information on a monthly basis for emissions unit B005 and B006, combined:
 - a. the No. 6 fuel oil usage as a rolling, 12-month summation, in gallons per year.

D. Reporting Requirements

- 1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas, No. 2 fuel oil or No. 6 fuel oil was burned in the emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
- 2. The permittee shall submit annual reports that identify any exceedance of the annual fuel oil usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by February 15 of each year.
- 3. The permittee shall submit quarterly deviation (excursion) reports that identify each day during which records were not maintained on the amount of natural gas, No. 2 fuel oil or No. 6 fuel oil combusted in the emissions unit.
- 4. The permittee shall notify the Canton local air agency, in writing, of any record which shows an exceedance of the sulfur content limitation specified in Section B.3. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days after the deviation occurs.
- 5. The permittee shall submit semiannual written reports which (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 abnormal visible particulate emissions. These reports shall be submitted to the Canton local air agency by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

- 1. Compliance with the emission limitations of this permit shall be determined in accordance with the following

method(s):

Emissions Limitations:

NOx emissions shall not exceed 0.122 lb/mmBtu, 3.05 lbs/hour when firing natural gas.

Applicable Compliance Method:

A stack test was conducted on 7/19/95 while burning natural gas. The results were 1.77 lbs NOx/hr.

Emissions Limitations:

NOx emissions shall not exceed 13.36 tons per year when firing natural gas.

Applicable Compliance Method:

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation

The organic compound (OC) emissions shall not exceed 0.007 lb/mmBtu, 0.176 lb/hr and 0.77 ton/yr.

Applicable Compliance Method

Fuel Oil AP-42 Table 1.3-3 emission factor = 0.28 lb/1000 gal

165 gal/hr x 0.28 lb/1000 gal = 0.046 lb/hr

Natural Gas AP-42 1.4-2 emission factor = 5.5 lbs/1,000,000 cf

0.024 x 1,000,000 cf x 5.5 lb x 1,000,000 = 0.132 lb/hr

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation:

NOx emissions shall not exceed 0.382 lb/mmBtu, 9.63 lbs/hour and 42.18 tons/yr when firing fuel oil.

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly oil burning capacity of the emissions unit (214 gallons/hour) by 0.187 lb NOx per MMBTU (emissions factor from manufacturers' actual emissions testing data) and 0.14 MMBTU per gallon of fuel oil. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 7E.

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation:

SO2 emissions shall not exceed 0.516 lb/mmBtu, 13.2 lbs/hr and 49 tons/yr

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly oil burning capacity of the emissions unit (214 gallons/hour) by 0.52 lb SO2 per MMBTU (emissions factor from manufacturers' actual emissions testing data) and 0.14 MMBTU per gallon of fuel oil. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 6C.

Monitoring and recordkeeping for the amount of oil used and the amount of sulfur in the fuel oil to justify the annual allowable.

Emissions Limitation:

PE shall not exceed 0.020 lb/MMBtu of actual heat input when firing natural gas or No. 2 fuel oil.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emissions Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions 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).

Emissions Limitation:

Particulate emissions shall not exceed 0.052 lb/mmBtu, 1.3 lbs/hour and 5.69 tons/yr when firing No. 6 fuel oil.

Applicable Compliance:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emissions Limitation:

Carbon monoxide (CO) emissions shall not exceed 0.033 lb/mmBtu, 0.83 lb/hr and 3.64 tons/yr.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 10.

2. Compliance with usage restrictions and operational limitations in section A.1.2 of these terms and conditions shall be determined in accordance with the following methods:

Operational Limitation:

The fuel oil burned in emissions units B005 and B006, the 30-day rolling average sulfur content shall be 0.5 weight percent sulfur or less.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.

Operational Limitation:

The heat content of the No. 6 fuel oil shall be at least 133,000 BTU per gallon.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.

Operational Limitation:

The heat content of the No. 2 fuel oil shall be at least 124,000 BTU per gallon.

Applicable Compliance Method:
 Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.
 Operational Limitation:
 The fuel nitrogen content of the No. 6 fuel oil shall not exceed 0.5%.

Applicable Compliance Method:
 Compliance shall be demonstrated by the record keeping requirements pursuant to section C.3 above.
 Operational Limitation:
 The fuel usage in emissions unit B005 and B006, combined, shall not exceed the following values as a rolling 12-month summation:
 a. 2,500,000 gallons of No. 6 fuel oil.

Applicable Compliance Method:
 Compliance shall be demonstrated by the record keeping requirements pursuant to section C.6 above.
 Operational Restriction:
 The heat input of B005 shall not exceed 25 mmBtu/hr.

Applicable Compliance Method:
 Compliance shall be demonstrated by the record keeping requirements pursuant to section C.2 above.
 Operational Limitation:
 The permittee shall burn only natural gas, No. 2 fuel oil or No. 6 fuel oil in this emissions unit.

Applicable Compliance Method:
 Compliance shall be demonstrated by the record keeping requirements pursuant to section C.2 above.

F. Miscellaneous Requirements

- 1. None

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1576050214 Emissions Unit ID: B006 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>
B006 - 25 mmBtu/hr natural gas, No. 6 fuel oil and No. 2 fuel oil-fired boiler.	OAC rule 3745-31-05(A)(3)	Nitrogen oxide (NOx) emissions shall not exceed 0.122 lb/mmBtu, 3.05 lbs/hr and 13.36 tons/yr when firing natural gas. NOx emissions shall not exceed 0.382 lb/mmBtu, 9.63 lbs/hr and 42.18 tons/yr when firing fuel oil. Carbon monoxide (CO) emissions shall not exceed 0.033 lb/mmBtu, 0.83 lb/hr and 3.64 tons/yr. Sulfur dioxide (SO2) emissions shall not exceed 0.516 lb/mmBtu, 13.2 lbs/hour and 49 tons/year. Particulate emissions shall not exceed 0.052 lb/mmBtu, 1.3 lbs/hour and 5.69 tons/yr when firing No. 6 fuel oil. The organic compound (OC) emissions shall not exceed 0.007 lb/mmBtu, 0.176 lb/hr and 0.77 ton/yr.

The requirements of this rule also include compliance with the requirements of OAC rules 3745-17-07(A)(1) and 3745-17-10(B)(1).

OAC rule 3745-17-10(B)(1)

See sections A.2.a, A.2.b, A.2.c and A.2.d below. PE shall not exceed 0.020 lb/MMBtu of actual heat input when firing natural gas or No. 2 fuel oil.

OAC rule 3745-17-07(A)(1)

Visible particulate emissions shall not exceed 20% opacity, as a six(6)-minute average, except as provided by the rule.

OAC rule 3745-18-06(D)

The emission limitation specified in this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

40 CFR Part 60, Subpart Dc

The sulfur dioxide emission limitation specified in this rule is equal to or less stringent than the emission limitation established by OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) This emissions unit shall have steam-atomizing burners. The minimum stack height shall be 43.3 feet. The fuel oil burned in the two emissions units, B005 and B006, shall meet the following specifications:
 - i. for the fuel oil burned in emissions units B005 and B006, the 30-day rolling average sulfur content shall be 0.5 weight percent sulfur or less;
 - ii. the heat content of the No. 6 fuel oil shall be at least 133,000 Btu per gallon;
 - iii. the heat content of the No. 2 fuel oil shall be at least 124,000 Btu per gallon; and
 - iv. the fuel nitrogen content of the No. 6 fuel oil shall not exceed 0.5%.

Compliance with the above-mentioned specifications for sulfur content shall be determined using the guidelines found in 40 CFR Part 60 Subpart Dc.
The heat input of B005 shall not exceed 25 mmBtu/hr.

B. Operational Restrictions

- 1. The permittee shall burn only natural gas, No. 2 fuel oil or No. 6 fuel oil in this emissions unit.
- 2. The fuel usage in emissions units B005 and B006, combined, shall not exceed the following values as a rolling, 12-month summation:
 - a. 2,500,000 gallons of No. 6 fuel oil.
- 3. The quality of the No. 2 fuel oil and No. 6 fuel oil burned in this emissions unit shall meet a sulfur content which is equal to or less than 0.5 weight percent sulfur on an "as burned" basis.

C. Monitoring and/or Record Keeping Requirements

- 1. Pursuant to 40 CFR Part 60 Subpart Dc, the permittee shall record and maintain records of the amount of natural gas, No. 2 fuel oil and No. 6 fuel oil combusted during each day.
- 2. For each day during which the permittee burns a fuel other than natural gas, No. 2 fuel oil or No. 6 fuel oil, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
- 3. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of any oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010 for sulfur content and ASTM method D240 for heat content. The permittee shall perform or require the supplier to perform the analyses of the fuel nitrogen content of the No. 6 fuel burnt in this emission unit. Alternatively, equivalent methods may be used upon written approval by the Canton local air agency.
- 4. For each shipment of any oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received, the permittee's or oil supplier's analyses for sulfur content, density and heat content, and the calculated sulfur dioxide emission rate (in lbs/MMBtu).
- 5. The permittee shall perform daily checks, on each day No. 6 fuel oil is fired and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations 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 abnormal visible emission incident; and
 - e. any corrective actions taken to eliminate the abnormal visible emissions.
- 6. The permittee shall maintain records of the following information on a monthly basis for emissions unit B005 and B006, combined:
 - a. the No. 6 fuel oil usage as a rolling, 12-month summation, in gallons per year.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each day when a fuel other than natural gas, No. 2 fuel oil or No. 6 fuel oil was burned in the emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit annual reports that identify any exceedance of the annual fuel oil usage limitation, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by February 15 of each year.
3. The permittee shall submit quarterly deviation (excursion) reports that identify each day during which records were not maintained on the amount of natural gas, No. 2 fuel oil or No. 6 fuel oil combusted in the emissions unit.
4. The permittee shall notify the Canton local air agency, in writing, of any record which shows an exceedance of the sulfur content limitation specified in Section B.3. The notification shall include a copy of such record and shall be sent to the Canton local air agency within 30 days after the deviation occurs.
5. The permittee shall submit semiannual written reports which (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 abnormal visible particulate emissions. These reports shall be submitted to the Canton local air agency by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitations of this permit shall be determined in accordance with the following method(s):
Emissions Limitations:
NOx emissions shall not exceed 0.122 lb/mmBtu, 3.05 lbs/hour when firing natural gas.

Applicable Compliance Method:

A stack test was conducted on 7/19/95 while burning natural gas. The results were 1.77 lbs NOx/hr.

Emissions Limitations:

NOx emissions shall not exceed 13.36 tons per year when firing natural gas.

Applicable Compliance Method:

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation

The organic compound (OC) emissions shall not exceed 0.007 lb/mmBtu, 0.176 lb/hr and 0.77 ton/yr.

Applicable Compliance Method

Fuel Oil AP-42 Table 1.3-3 emission factor = 0.28 lb/1000 gal

165 gal/hr x 0.28 lb/1000 gal = 0.046 lb/hr

Natural Gas AP-42 1.4-2 emission factor = 5.5 lbs/1,000,000 cf

0.024 x 1,000,000 cf x 5.5 lb x 1,000,000 = 0.132 lb/hr

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation:

NOx emissions shall not exceed 0.382 lb/mmBtu, 9.63 lbs/hour and 42.18 tons/yr when firing fuel oil.

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly oil burning capacity of the emissions unit (214 gallons/hour) by 0.187 lb NOx per MMBTU (emissions factor from manufacturers' actual emissions testing data) and 0.14 MMBTU per gallon of fuel oil. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 7E.

Compliance with the annual limitation shall be assumed as long as compliance with the hourly limitation is maintained (the annual limitation was calculated by multiplying the hourly limitation by 8760, and then dividing by 2000).

Emissions Limitation:

SO2 emissions shall not exceed 0.516 lb/mmBtu, 13.2 lbs/hr and 49 tons/yr

Applicable Compliance Method:

Compliance shall be determined by multiplying the maximum hourly oil burning capacity of the emissions unit (214 gallons/hour) by 0.52 lb SO2 per MMBTU (emissions factor from manufacturers' actual emissions testing data) and 0.14 MMBTU per gallon of fuel oil. If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 6C.

Monitoring and recordkeeping for the amount of oil used and the amount of sulfur in the fuel oil to justify the annual allowable.

Emissions Limitation:

PE shall not exceed 0.020 lb/MMBtu of actual heat input when firing natural gas or No. 2 fuel oil.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emissions Limitation:

Visible particulate emissions shall not exceed 20% opacity, as a 6-minute average, except as provided by the rule.

Applicable Compliance Method:

If required, compliance shall be determined through visible emissions 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).

Emissions Limitation:

Particulate emissions shall not exceed 0.052 lb/mmBtu, 1.3 lbs/hour and 5.69 tons/yr when firing No. 6 fuel oil.

Applicable Compliance:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 5.

Emissions Limitation:

Carbon monoxide (CO) emissions shall not exceed 0.033 lb/mmBtu, 0.83 lb/hr and 3.64 tons/yr.

Applicable Compliance Method:

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with 40 CFR Part 60, Appendix A, Method 10.

2. Compliance with usage restrictions and operational limitations in section A.1.2 of these terms and conditions shall be determined in accordance with the following methods:

Operational Limitation:

The fuel oil burned in emissions units B005 and B006, the 30-day rolling average sulfur content shall be 0.5 weight percent sulfur or less.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.

Operational Limitation:

The heat content of the No. 6 fuel oil shall be at least 133,000 BTU per gallon.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.

Operational Limitation:

The heat content of the No. 2 fuel oil shall be at least 124,000 BTU per gallon.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.4 above.

Operational Limitation:

The fuel nitrogen content of the No. 6 fuel oil shall not exceed 0.5%.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.3 above.

Operational Limitation:

The fuel usage in emissions unit B005 and B006, combined, shall not exceed the following values as a rolling 12-month summation:

- a. 2,500,000 gallons of No. 6 fuel oil.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.6 above.

Operational Restriction:

The heat input of B005 shall not exceed 25 mmBtu/hr.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.2 above.

Operational Limitation:

The permittee shall burn only natural gas, No. 2 fuel oil or No. 6 fuel oil in this emissions unit.

Applicable Compliance Method:

Compliance shall be demonstrated by the record keeping requirements pursuant to section C.2 above.

F. **Miscellaneous Requirements**

1. None