

Facility ID: 0387020404 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 P001](#)
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Facility ID: 0387020404 Emissions Unit ID: P001 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>
Nitriding Treatment Process (Nitriding Furnace #1)	OAC rule 3745-31-05(A)(3) (PTI 03-16372 issued January 19, 2006)	0.53 pound nitrogen oxides (NOx) per hour; 2.32 tons NOx per year
		0.66 pound organic compounds (OC) per hour; 2.89 tons OC per year
		1.02 pounds sulfur dioxide (SO2) per hour; 4.47 tons SO2 per year
		Visible particulate emissions (PE) shall not exceed 0 percent opacity, as a six-minute average (see A.2.a)
	OAC rule 3745-17-10(B)(1)	0.02 pounds PE per mmBtu of actual heat input (See A.2.a)
	OAC rule 3745-17-07(A)	See A.2.b
	OAC rule 3745-18-06	See A.2.c
	OAC rule 3745-21-08(B)	See A.2.d

2. Additional Terms and Conditions

- (a) The visible PE limitation and the pounds PE per mmBtu of actual heat input limitation apply to combustion emissions generated by the indirect heating of the furnace. PE generated directly by the nitriding treatment process are insignificant. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(C). The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.

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. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions 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.

The SO2 and NOx hourly emission limitations represent the potential to emit of the emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are required to demonstrate compliance with this limitations.

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit annual deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

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

Emission Limitation:

0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method:

The permittee shall demonstrate compliance with this limitation by multiplying the maximum hourly natural gas consumption rate (1038 cu. ft./hr) by the appropriate emission factor from AP-42, Table 1.4-2 (revised 7/98) [1.9 lbs PE (filtrable)/mmcf.] and dividing by the maximum heat input capacity of the burner(s) (1.038 mmBtu/hr). If required, compliance shall be determined in accordance with OAC rule 3745-17-03(B)(9).

Emission Limitation:

1.02 pounds SO₂ per hour; 4.47 tons SO₂ per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 6 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:

0.53 pound NO_x per hour; 2.32 tons NO_x per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 7 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:

0.66 pound OC per hour, 2.89 tons OC year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 18, 25, and/or 25A of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:

Visible particulate emissions shall not exceed 0 percent opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

F. Miscellaneous Requirements

1. None

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Facility ID: 0387020404 Emissions Unit ID: P002 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>
Nitriding Treatment Process (Nitriding Furnace #7)	OAC rule 3745-31-05(A)(3) (PTI 03-16372 issued January 19, 2006)	0.53 pound nitrogen oxides (NOx) per hour; 2.32 tons NOx per year
		0.66 pound organic compounds (OC) per hour; 2.89 tons OC per year
		1.02 pounds sulfur dioxide (SO2) per hour; 4.47 tons SO2 per year
		Visible particulate emissions (PE) shall not exceed 0 percent opacity, as a six-minute average (see A.2.a)
	OAC rule 3745-17-10(B)(1)	0.02 pounds PE per mmBtu of actual heat input (See A.2.a)
	OAC rule 3745-17-07(A)	See A.2.b
	OAC rule 3745-18-06	See A.2.c
	OAC rule 3745-21-08(B)	See A.2.d

2. Additional Terms and Conditions

- (a) The visible PE limitation and the pounds PE per mmBtu of actual heat input limitation apply to combustion emissions generated by the indirect heating of the furnace. PE generated directly by the nitriding treatment process are insignificant. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(C). The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.

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. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions 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.

The SO2 and NOx hourly emission limitations represent the potential to emit of the emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are required to demonstrate compliance with this limitations.

B. Operational Restrictions

- 1. The permittee shall burn only natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

- 1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

- 1. The permittee shall submit annual deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

- 1. Compliance with the emission limitation in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 Emission Limitation:
 0.020 lb PE/mmBtu of actual heat input

 Applicable Compliance Method:
 The permittee shall demonstrate compliance with this limitation by multiplying the maximum hourly natural gas consumption rate (1038 cu. ft./hr) by the appropriate emission factor from AP-42, Table 1.4-2 (revised 7/98) [1.9 lbs PE (filtrable)/mmcf.] and dividing by the maximum heat input capacity of the burner(s) (1.038 mmBtu/hr). If required, compliance shall be determined in accordance with OAC rule 3745-17-03(B)(9).
 Emission Limitation:
 1.02 pounds SO2 per hour; 4.47 tons SO2 per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 6 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.53 pound NOx per hour; 2.32 tons NOx per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 7 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.66 pound OC per hour, 2.89 tons OC year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 18, 25, and/or 25A of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
Visible particulate emissions shall not exceed 0 percent opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

F. **Miscellaneous Requirements**

1. None

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Facility ID: 0387020404 Emissions Unit ID: P003 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>
Nitriding Treatment Process (Nitriding Furnace #8)	OAC rule 3745-31-05(A)(3) (PTI 03-16372 issued January 19, 2006)	0.53 pound nitrogen oxides (NOx) per hour; 2.32 tons NOx per year 0.66 pound organic compounds (OC) per hour; 2.89 tons OC per year

1.02 pounds sulfur dioxide (SO2) per hour; 4.47 tons SO2 per year

Visible particulate emissions (PE) shall not exceed 0 percent opacity, as a six-minute average (see A.2.a)
0.02 pounds PE per mmBtu of actual heat input (See A.2.a)

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

OAC rule 3745-17-07(A)

OAC rule 3745-18-06

OAC rule 3745-21-08(B)

See A.2.b

See A.2.c

See A.2.d

2. Additional Terms and Conditions

- (a) The visible PE limitation and the pounds PE per mmBtu of actual heat input limitation apply to combustion emissions generated by the indirect heating of the furnace. PE generated directly by the nitrating treatment process are insignificant.
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(C).
The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.

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. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions 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.

The SO2 and NOx hourly emission limitations represent the potential to emit of the emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are required to demonstrate compliance with this limitations.

B. Operational Restrictions

- 1. The permittee shall burn only natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

- 1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

- 1. The permittee shall submit annual deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

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

Emission Limitation:
0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method:
The permittee shall demonstrate compliance with this limitation by multiplying the maximum hourly natural gas consumption rate (1038 cu. ft./hr) by the appropriate emission factor from AP-42, Table 1.4-2 (revised 7/98) [1.9 lbs PE (filtrable)/mmcf.] and dividing by the maximum heat input capacity of the burner(s) (1.038 mmBtu/hr). If required, compliance shall be determined in accordance with OAC rule 3745-17-03(B)(9).

Emission Limitation:
1.02 pounds SO2 per hour; 4.47 tons SO2 per year

Applicable Compliance Method:
The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 6 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.53 pound NOx per hour; 2.32 tons NOx per year

Applicable Compliance Method:
The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 7 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.66 pound OC per hour, 2.89 tons OC year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 18, 25, and/or 25A of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:

Visible particulate emissions shall not exceed 0 percent opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

F. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0387020404 Emissions Unit ID: P004 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>
Nitriding Treatment Process (Nitriding Furnace #10)	OAC rule 3745-31-05(A)(3) (PTI 03-16372 issued January 19, 2006)	0.53 pound nitrogen oxides (NOx) per hour; 2.32 tons NOx per year
		0.66 pound organic compounds (OC) per hour; 2.89 tons OC per year
		1.02 pounds sulfur dioxide (SO2) per hour; 4.47 tons SO2 per year
	OAC rule 3745-17-10(B)(1)	Visible particulate emissions (PE) shall not exceed 0 percent opacity, as a six-minute average (see A.2.a) 0.02 pounds PE per mmBtu of actual heat input (See A.2.a)
	OAC rule 3745-17-07(A)	See A.2.b
	OAC rule 3745-18-06	See A.2.c
	OAC rule 3745-21-08(B)	See A.2.d

2. **Additional Terms and Conditions**

- (a) The visible PE limitation and the pounds PE per mmBtu of actual heat input limitation apply to combustion emissions generated by the indirect heating of the furnace. PE generated directly by the nitriding treatment process are insignificant. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3). This emissions unit is exempt from the requirements of OAC rule 3745-18-06 pursuant to OAC rule 3745-18-06(C). The permittee has satisfied the "best available control techniques and operating practices" required pursuant to OAC rule 3745-21-08(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05 (A)(3) in this permit to install.

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. However, that rule revision has not yet been submitted to the U.S. EPA as a revision to Ohio's State Implementation Plan (SIP). Therefore, until the SIP revision occurs and the U.S. EPA approves the revisions 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.

The SO₂ and NO_x hourly emission limitations represent the potential to emit of the emissions unit. Therefore, no monitoring, record keeping, or reporting requirements are required to demonstrate compliance with this limitations.

B. Operational Restrictions

1. The permittee shall burn only natural gas in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. For each day during which the permittee burns a fuel other than natural gas, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.

D. Reporting Requirements

1. The permittee shall submit annual deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

E. Testing Requirements

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

Emission Limitation:
0.020 lb PE/mmBtu of actual heat input

Applicable Compliance Method:

The permittee shall demonstrate compliance with this limitation by multiplying the maximum hourly natural gas consumption rate (1038 cu. ft./hr) by the appropriate emission factor from AP-42, Table 1.4-2 (revised 7/98) [1.9 lbs PE (filtrable)/mmcf.] and dividing by the maximum heat input capacity of the burner(s) (1.038 mmBtu/hr). If required, compliance shall be determined in accordance with OAC rule 3745-17-03(B)(9).

Emission Limitation:
1.02 pounds SO₂ per hour; 4.47 tons SO₂ per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 6 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.53 pound NO_x per hour; 2.32 tons NO_x per year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 7 of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
0.66 pound OC per hour, 2.89 tons OC year

Applicable Compliance Method:

The hourly potential to emit is based on based on stack testing data of a similar source.

If required, the permittee shall demonstrate compliance with the hourly limitation by emissions testing conducted in accordance with Methods 1-4 and 18, 25, and/or 25A of 40 CFR, Part 60, Appendix A.

The annual emission limitation was developed by multiplying the hourly emission limitation by the maximum operating schedule of 8760 hours/year, and then dividing by 2000 lbs/ton. Therefore, if compliance is shown with the hourly limitation, compliance with the annual limitation shall be assumed.

Emission Limitation:
Visible particulate emissions shall not exceed 0 percent opacity, as a six-minute average

Applicable Compliance Method:

If required, compliance with the visible emission limitation shall be determined in accordance with Test Method 9 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 2002.

F. Miscellaneous Requirements

1. None