

Facility ID: 0285000366 Issuance type: Title V Proposed Permit

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 III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. None

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Facility ID: 0285000366 Issuance type: Title V Proposed Permit

b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

Z006: Amesteam Boiler (Boiler #1), Model SX-100, 4.2 mmBtu/hr.
Z007: Amesteam Boiler (Boiler #2), Model SX-100, 4.2 mmBtu/hr.
Z008: Parkersburg Pipeline Heater, Mod. IH1500-3FS, 1.5 mmBtu/hr.
Z009: Tank 46-3, 4500 Gal. Crude Oil Tank
Z010: Tank 46-4, 4500 Gal. Crude Oil Tank
Z011: Tank 46-7, 2050 Gal. Scrubber Oil Tank
Z012: Tank 46-8, 835 Gal. Scrubber Oil Tank
Z013: Tank 46-9, 835 Gal. Scrubber Oil Tank
Z014: Coolant Tank, 8800 Gal. Engine Coolant Tank
Z015: Crude Tank #1, 10915 Gal. Crude Oil Tank
Z016: Methanol Tank #1, 2100 Gal. Methanol Tank
Z017: Tank 46-13, 2500 Gal. Used Oil Tank
Z018: Transition Vents, Four transition vents from DeLaval engine vented through common stack.
Z020: Air Compressor, Gasoline powered, 17.0 HP, Oper.< 500 hr/yr. [exempt per OAC 3745-31-03(A)(1) (oo)]
Z021: Various fugitive VOC emissions points.

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emissions limitations and/or control requirements contained within a Permit to Install for the emissions unit.

- [Go to Part III for Emissions Unit B001](#)
- [Go to Part III for Emissions Unit B002](#)
- [Go to Part III for Emissions Unit B003](#)
- [Go to Part III for Emissions Unit B004](#)
- [Go to Part III for Emissions Unit B005](#)
- [Go to Part III for Emissions Unit B006](#)
- [Go to Part III for Emissions Unit B007](#)
- [Go to Part III for Emissions Unit B008](#)

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B001 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
Clark Bros. Model TRA-8, 1500HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B001)	OAC 3745-17-11	Particulate emissions from this emissions unit shall not exceed 0.35 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.
	OAC 3745-18-06(F)	Sulfur dioxide emissions from this emissions unit shall not exceed 0.50 pound per million Btu actual heat input.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

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

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III. 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.

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IV. Reporting Requirements

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

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V. **Testing Requirements**

1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation: 0.35 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-4. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).
 - b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: Compliance shall be determined through visible emission observations in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
 - c. Emission Limitation: 0.50 pound sulfur dioxide per mmBtu of actual heat input.

Applicable Compliance Method: Compliance with the sulfur dioxide emissions limitation in Section B.I. of these terms and conditions shall be assumed due to the negligible percent of sulfur by weight in the fuel.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0285000366 Emissions Unit ID: B001 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
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Clark Bros. Model TRA-8, 1500HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B001)		
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B002 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
Clark Bros. Model TRA-8, 1500 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B002).	OAC 3745-17-11(B)(5)(b)	Particulate emissions from this emissions unit shall not exceed 0.35 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.
	OAC 3745-18-06(F)	Sulfur dioxide emissions from this emissions unit shall not exceed 0.50 pound per million Btu actual heat input.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

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

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III. 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.

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IV. Reporting Requirements

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

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V. Testing Requirements

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

- a. Emission Limitation: 0.35 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-4. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

- b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

- c. Emission Limitation: 0.50 pound sulfur dioxide per mmBtu of actual heat input.

Applicable Compliance Method: Compliance with the sulfur dioxide emissions limitation in Section B.I. of these terms and conditions shall be assumed due to the negligible percent of sulfur by weight in the fuel.

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0285000366 Emissions Unit ID: B002 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
Clark Bros. Model TRA-8, 1500 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B002).		

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B003 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
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Clark Bros. Model TRA-8, 1500 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B003)

OAC 3745-17-11(B)(5)(b)

Particulate emissions from this emissions unit shall not exceed 0.35 pound per million Btu (lb/mmBtu) of actual heat input.

Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

OAC 3745-18-06(F)

Sulfur dioxide emissions from this emissions unit shall not exceed 0.50 pound per million Btu actual heat input.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

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

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III. **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.

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IV. **Reporting Requirements**

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

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V. **Testing Requirements**

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

- a. Emission Limitation: 0.35 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-4. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

- b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

- c. Emission Limitation: 0.50 pound sulfur dioxide per mmBtu of actual heat input.

Applicable Compliance Method: Compliance with the sulfur dioxide emissions limitation in Section B.I. of these terms and conditions shall be assumed due to the negligible percent of sulfur by weight in the fuel.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0285000366 Emissions Unit ID: B003 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
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Clark Bros. Model TRA-8, 1500 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B003)		
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2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B004 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
DeLaval Model HV-8C-4, 2000 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B004)	OAC 3745-17-11(B)(5)(b)	Particulate emissions from this emissions unit shall not exceed 0.35 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.
	OAC 3745-18-06(F)	Sulfur dioxide emissions from this emissions unit shall not exceed 0.50 pound per million Btu actual heat input.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

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

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III. 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.

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IV. Reporting Requirements

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

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V. Testing Requirements

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

- a. Emission Limitation: 0.35 pound of particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-4. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

- b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall

not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

c. Emission Limitation: 0.50 pound sulfur dioxide per mmBtu of actual heat input.

Applicable Compliance Method: Compliance with the sulfur dioxide emissions limitation in Section B.I. of these terms and conditions shall be assumed due to the negligible percent of sulfur by weight in the fuel.

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0285000366 Emissions Unit ID: B004 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
DeLaval Model HV-8C-4, 2000 HP, Natural Gas-Fired, Reciprocating Pipeline Compressor Engine (B004)		

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B005 Issuance type: Title V Proposed Permit

A. **State and Federally Enforceable Section**

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
Caterpillar 690HP/5.15 mmBtu/hr, Natural Gas-Fired, Reciprocating Engine/415KW Emergency Electrical Generator (B005)	OAC 3745-17-11(B)(5)(a)	Particulate emissions from this emissions unit shall not exceed 0.25 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.
	OAC 3745-31-05 PTI No. 02-9132	See section A.I.2.

2. **Additional Terms and Conditions**

- a. Emissions of nitrogen oxides (NOx) from this emissions unit shall not exceed 21.61 pounds per hour.

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II. **Operational Restrictions**

1. The fuel used in this internal combustion engine/generator set shall be restricted to natural gas only.
2. The total annual operating hours for this emissions unit, measured on a rolling 365-day cumulative total basis, shall not exceed 3655.

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III. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall maintain daily records of the operation of this emissions unit which indicate the following information:
 - a. the date and time of each start-up and shut-down of this emissions unit;
 - b. the number of hours each day that this emissions unit is operated (i.e., engine firing natural gas and driving the electrical generator);

- c. the total cumulative hours of operation of this emissions unit on a rolling 365-day basis; and
 - d. the maximum sustained generator load during each operation of this engine-generator set.
- 2. 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.

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IV. Reporting Requirements

- 1. The permittee shall notify the Director (the appropriate District Office) in writing of any record which shows a deviation (excursion) from the operating restrictions listed in section A.II. above. The notification shall include a copy of the such record and shall be sent to the Director (the appropriate District Office) within 45 days after the deviation occurs.
- 2. The permittee shall submit an annual report to the Ohio EPA which summarizes, on a monthly and rolling 365-day basis, the recorded data indicated above relative to the operation of this emissions unit. This report shall be submitted on February 15 of each year for emissions unit operating data recorded during the previous calendar year.
- 3. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.

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V. Testing Requirements

- 1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation: 0.25 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-4. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).
 - b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: Compliance shall be determined through visible emission observations in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).
 - c. Emission Limitation: NOx emissions limited to 21.61 lbs/hr.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 3.2, table 3.2-1 and the maximum rated heat rate of this emissions unit. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the NOx emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 7 or 7E.

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0285000366 Emissions Unit ID: B005 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under

state law only.

1. None.

I. 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>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0285000366 Emissions Unit ID: B006 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
NATCO 10mmBtu/hr. Nat. Gas-Fired, Indirect Water Bath Pipeline Heater #1 (B006)	OAC 3745-17-10(B)(1) OAC 3745-17-07(A)	Particulate emissions from this emissions unit shall not exceed 0.020 pound per million Btu (lb/mmBtu) of actual heat input. Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

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

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III. **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.

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IV. **Reporting Requirements**

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

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V. **Testing Requirements**

- 1. Compliance with the emission limitations in Section A.I. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation: 0.020 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 1-4, table 1.4-1. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).
 - b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0285000366 Emissions Unit ID: B006 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
2. Additional Terms and Conditions		
1. None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0285000366 Emissions Unit ID: B007 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
NATCO 10mmBtu/hr. Nat. Gas-Fired, Indirect Water Bath Pipeline Heater #2 (B007)	OAC 3745-17-10(B)(1)	Particulate emissions from this emissions unit shall not exceed 0.020 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

2. **Additional Terms and Conditions**

- (a) None

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II. **Operational Restrictions**

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

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III. **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.

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IV. **Reporting Requirements**

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

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V. **Testing Requirements**

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

- a. Emission Limitation: 0.020 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 1-4, table 1.4-1. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

- b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0285000366 Emissions Unit ID: B007 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
2.	Additional Terms and Conditions		
1.	None		

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0285000366 Emissions Unit ID: B008 Issuance type: Title V Proposed Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
NATCO 10mmBtu/hr. Nat. Gas-Fired, Indirect Water Bath Pipeline Heater #3 (B008)	OAC 3745-17-10(B)(1)	Particulate emissions from this emissions unit shall not exceed 0.020 pound per million Btu (lb/mmBtu) of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

2. Additional Terms and Conditions

- (a) None

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II. Operational Restrictions

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

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III. 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.

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IV. Reporting Requirements

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

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V. Testing Requirements

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

- a. Emission Limitation: 0.020 pound particulate matter per mmBtu of actual heat input.

Applicable Compliance Method: Compliance shall be based upon the use of an emission factor as specified in AP-42, "Compilation of Air Pollution Emission Factors" (7/93), section 1-4, table 1.4-1. If required pursuant to OAC 3745-15-04, the permittee shall demonstrate compliance with the particulate emissions limits of this permit by means of physical testing of the effluent from this emissions unit in accordance with testing procedures listed in 40 CFR Part 60, "Standards of Performance for New Stationary Sources", Appendix A, Method 5, and in OAC 3745-17-03(B)(7).

- b. Emissions Limitation: Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed twenty (20) percent opacity, as a six-minute average, except for a period of not more than six (6) consecutive minutes in any sixty-minute period. Visible particulate emissions shall not exceed sixty (60) percent opacity, as a six-minute average, at any time.

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

3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0285000366 Emissions Unit ID: B008 Issuance type: Title V Proposed Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

1. None

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III. **Monitoring and/or Record Keeping Requirements**

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None