Facility ID: 0238000049 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. The following insignificant emissions units are located at this facility:

   B006: Thermo-Flux model 3400CH, 3.8 mmBtu/hr natural gas-fired indirect pipeline heater (Heater #1) - PTI No. 02-3594 (effective January 13,1988); and
   B007: Thermo-Flux Model 5000CH, 5.5 mmBtu/hr natural gas-fired indirect pipeline heater (Heater #2) - PTI No. 02-3594 (effective January 13,1988).

   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. Insignificant emissions units listed above that are not subject to specific permit to install requirements are subject to one or more applicable requirements contained in the SIP-approved versions of OAC Chapters 3745-17, 3745-18, and 3745-21.

   (Authority for term: OAC rule 3745-77-07(A)(13))

2. The following emissions units located at this facility are subject to 40 CFR Part 63, Subpart ZZZZ-- National Emission Standards for Hazardous Air Pollutants (NESHAP) for Stationary Reciprocating Internal Combustion
   Engines (RICE):
   B001: 1500 HP, natural gas-fired, 2-cycle lean burn compressor station engine;
   B003: 1500 HP, natural gas-fired, 2-cycle lean burn compressor station engine;
   B004: 1500 HP, natural gas-fired, 2-cycle lean burn compressor station engine; and
   B005: 1500 HP, natural gas-fired, 2-cycle lean burn compressor station engine.

   Pursuant to 40 CFR 63.6590(b)(3) the emissions units listed above do not have to meet the requirements of 40 CFR Part 63, Subpart ZZZZ, and therefore, no initial notification under 40 CFR Part 63, Subpart A is necessary.

3. The following emissions units located at this facility are subject to 40 CFR Part 63, Subpart DDDDD-- National Emission Standards for Hazardous Air Pollutants (NESHAP) for Industrial, Commercial, and Institutional Boilers and Process Heaters:

   B002: Kewanee 3.75 mmBtu/hr natural gas-fired hot water heater/boiler;
   B006: Thermo-Flux model 3400CH, 3.8 mmBtu/hr natural gas-fired indirect pipeline heater (Heater #1);
   B007: Thermo-Flux model 5000CH, 5.5 mmBtu/hr natural gas-fired indirect pipeline heater (Heater #2);
   B008: Triethylene glycol NG dehydration system with a 1.2 mmBtu/hr natural gas-fired boiler; and
   B009: Triethylene glycol NG dehydration system with a 0.8 mmBtu/hr natural gas-fired boiler.

   Pursuant to 40 CFR 63.7506(c) the emissions units listed above do not have to meet the requirements of 40 CFR Part 63, Subpart DDDDD, and therefore, no initial notification under 40 CFR Part 63, Subpart A is necessary.

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b **State Only Enforceable Section**

1. The following insignificant emissions units located at this facility are exempt from permit requirements because they are not subject to any applicable requirements or because they meet the "de minimis" criteria established in OAC rule 3745-15-05:

   B002: Kewanee 3.75 mmBtu/hr natural gas-fired hot water heater/boiler;
   T001: dual 6000-gallon UG storage tanks for gas pipeline liquids;
   T002: dual 6000-gallon UG storage tanks for gas pipeline liquids;
   T003: dual 6000-gallon UG storage tanks for gas pipeline liquids;
   Z001: gasoline storage tank;
   Z002: various fugitive VOC emissions points; and
   Z003: 4400-gallon above ground storage tank for lubricants.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Cooper-Bessemer GMWA-6 natural gas-fired, 2-stroke, lean burn, reciprocating pipeline compressor engine, having a maximum capacity of 13.9 mmBtu/hr (1500 HP). (Compressor #10301 - B001)	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.35 lb/mmBtu actual heat input. See A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-18-06(G)	This emissions unit is exempt from this requirement pursuant to OAC rule 3745-18-06(A). See A.I.2.c below.

2. **Additional Terms and Conditions**

a. The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

b. This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

c. This emissions unit is exempt from OAC rule 3745-18-06(G) during any calendar day in which natural gas
is the only fuel burned.

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II. **Operational Restrictions**

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

(Authority for term: OAC rule 3745-77-07(A)(1))

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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.

   (Authority for term: OAC rule 3745-77-07(C)(1))

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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.

   (Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
      Particulate emissions shall not exceed 0.35 lb/mmBtu of actual heat input.
      Particulate emissions shall not exceed 0.062 lb/mmBtu of actual heat input.

      Applicable Compliance Method:
      Compliance shall be based upon an emission factor of 0.0384 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.2-1, Table 3.2-2 (7/00).

      If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

      (Authority for term: OAC rules 3745-17-03(B)(10) and 3745-77-07(C)(1))

   b. Emission Limitations:
      Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

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

      No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

      (Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

   c. Emission Limitation:
      Sulfur dioxide emissions shall not exceed 0.5 lb/mmBtu actual heat input.

      Applicable Compliance Method:
      Compliance with this emission limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

      (Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Cooper-Bessemer GMWA-6 natural gas-fired, 2-stroke, lean burn, reciprocating pipeline compressor engine, having a maximum capacity of 13.9 mmBtu/hr (1500 HP). (Compressor #10302 - B003)	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.35 lb/mmBtu actual heat input. See A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-18-06(G)	This emissions unit is exempt from this requirement pursuant to OAC rule 3745-18-06(A). See A.I.2.c below.

2. **Additional Terms and Conditions**

a. The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

b. This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

c. This emissions unit is exempt from OAC rule 3745-18-06(G) during any calendar day in which natural gas
is the only fuel burned.

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II. **Operational Restrictions**

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

(Authority for term: OAC rule 3745-77-07(A)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
Particulate emissions shall not exceed 0.35 lb/mmBtu of actual heat input.
Particulate emissions shall not exceed 0.062 lb/mmBtu of actual heat input.

Applicable Compliance Method:
Compliance shall be based upon an emission factor of 0.0384 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.2-1, Table 3.2-2 (7/00).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

(Authority for term: OAC rules 3745-17-03(B)(10) and 3745-77-07(C)(1))

b. Emission Limitations:
Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

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

No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

c. Emission Limitation:
Sulfur dioxide emissions shall not exceed 0.5 lb/mmBtu actual heat input.

Applicable Compliance Method:
Compliance with this emission limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

(Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Cooper-Bessemer GMWA-6 natural gas-fired, 2-stroke, lean burn, reciprocating pipeline compressor engine, having a maximum capacity of 13.9 mmBtu/hr (1500 HP). (Compressor #10303 - B004)	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.35 lb/mmBtu actual heat input. See A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-18-06(G)	This emissions unit is exempt from this requirement pursuant to OAC

rule 3745-18-06(A).

See A.I.2.c below.

2. **Additional Terms and Conditions**

a. The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

b. This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

c. This emissions unit is exempt from OAC rule 3745-18-06(G) during any calendar day in which natural gas
is the only fuel burned.

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II. **Operational Restrictions**

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

(Authority for term: OAC rule 3745-77-07(A)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
Particulate emissions shall not exceed 0.35 lb/mmBtu of actual heat input.
Particulate emissions shall not exceed 0.062 lb/mmBtu of actual heat input.

Applicable Compliance Method:
Compliance shall be based upon an emission factor of 0.0384 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.2-1, Table 3.2-2 (7/00).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

(Authority for term: OAC rules 3745-17-03(B)(10) and 3745-77-07(C)(1))

b. Emission Limitations:
Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

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

No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

c. Emission Limitation:
Sulfur dioxide emissions shall not exceed 0.5 lb/mmBtu actual heat input.

Applicable Compliance Method:
Compliance with this emission limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

(Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Cooper-Bessemer GMWA-6 natural gas-fired, 2-stroke, lean burn,reciprocating pipeline compressor engine, having a maximum capacity of 13.9 mmBtu/hr (1500 HP). (Compressor #10304 - B005)	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.35 lb/mmBtu actual heat input. See A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(b)	Particulate emissions shall not exceed 0.062 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-18-06(G)	This emissions unit is exempt from this requirement pursuant to OAC rule 3745-18-06(A). See A.I.2.c below.

2. **Additional Terms and Conditions**

a. The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.062 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

b. This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

c. This emissions unit is exempt from OAC rule 3745-18-06(G) during any calendar day in which natural gas
is the only fuel burned.

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II. **Operational Restrictions**

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

(Authority for term: OAC rule 3745-77-07(A)(1))

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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.

   (Authority for term: OAC rule 3745-77-07(C)(1))

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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.

   (Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
      Particulate emissions shall not exceed 0.35 lb/mmBtu of actual heat input.
      Particulate emissions shall not exceed 0.062 lb/mmBtu of actual heat input.

      Applicable Compliance Method:
      Compliance shall be based upon an emission factor of 0.0384 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.2-1, Table 3.2-2 (7/00).

      If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

      (Authority for term: OAC rules 3745-17-03(B)(10) and 3745-77-07(C)(1))

   b. Emission Limitations:
      Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

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

      No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

      (Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

   c. Emission Limitation:
      Sulfur dioxide emissions shall not exceed 0.5 lb/mmBtu actual heat input.

      Applicable Compliance Method:
      Compliance with this emission limitation will be assumed due to the negligible percent sulfur, by weight, in the fuel.

      (Authority for term: OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Maloney-Crawford triethylene glycol natural gas dehydration system which includes an absorber tower, regenerator still with a 1.2 mmBtu/hr natural gas-fired boiler, and a FLLP1-Natco SHV-4 2.27 mmBtu/hr flare. (TEG DEHY #1 - B008)	OAC rule 3745-21-07(G)	See A.I.2.a below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the boiler exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-17-10(B)	Particulate emissions from the boiler exhaust stack shall not exceed .020 lb/mmBtu of actual heat input.
	OAC rule 3745-31-05(A)(3) PTI No. 02-3810 (effective May 11, 1988)	See A.II.1 through A.II.3 below.

2. **Additional Terms and Conditions**

   a. The emissions unit is designed to use only glycol which is not a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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II. **Operational Restrictions**

1. The emissions unit shall be equipped with a flare to control organic compound emissions. The flare shall be fired with natural gas and shall be operated with a 95% control efficiency.

   (Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

2. The flare shall be designed and operated in a manner that will ensure no visible emissions, as determined by 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

   (Authority for term: 40 CFR 60.18(f) and OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

3. The flare shall be used only when the net heating value of the gas being combusted is 200 hundred Btu/scf or greater. The net heating value of the gas being combusted shall be determined by the methods specified in 40 CFR 60.18(f).

   (Authority for term: 40 CFR 60.18(f) and OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

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

1. The flare shall be monitored for the presence of a pilot flame using a thermocouple or any other equivalent device to detect the presence of a flame.

   (Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07C)(1))

2. The permittee shall record the following information each month:

   a. all periods during which there was no pilot flame; and

   b. the operating times for the flare, monitoring equipment, and the associated emissions unit.

   (Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07C)(1))

3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) 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 visible emission incident; and

e. any corrective actions taken to eliminate the visible emissions.

(Authority for term: OAC rule 3745-77-07(C)(1))

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

(Authority for term : OAC rule 3745-77-07(C)(1))

5. For each day during which the permittee uses any material other than glycol that is a photochemically reactive material, the permittee shall maintain a record of the type and quantity of material employed this emissions unit.

(Authority for term : OAC rule 3745-77-07(C)(1))

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IV. **Reporting Requirements**

1. The permittee shall report the use of any material other than glycol in this emissions unit within 30 days after the occurrence.

(Authority for term: OAC rule 3745-31-05(A)(3) and 3745-77-07C)(1))

2. The permittee shall submit deviations (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.

(Authority for term: OAC rule 3745-77-07(C)(1))

3. The permittee shall submit semi-annual deviation (excursion) reports that identify all periods during which the pilot flame or flare was not functioning properly, and the emissions unit was not shut down. The reports shall include the date, time, and duration of each such period, shall be submitted by January 31 and July 31 of each year, and shall cover the previous 6 calendar months.

(Authority for term: OAC rule 3745-31-05(A)(3) and 3745-77-07C)(1))

4. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
Visible particulate emissions from the boiler exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

Applicable Compliance Method:
Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

b. Emission Limitation:
Particulate emissions from the boiler exhaust stack shall not exceed .020 lb/mmBtu actual heat input.

Applicable Compliance Method:
Compliance shall be determined by multiplying an emission factor of 1.9 lbs of particulates/mm standard cu. ft. by the emissions unit's maximum hourly natural gas firing capacity (.0012 mm standard cu. ft./hr) and dividing by the emissions unit's rated heat input capacity (1.2 mmBtu/hr). This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

(Authority for term: OAC rules 3745-17-03(B)(9) and 3745-77-07(C)(1))

c. Emission Limitation:
The flare shall be operated with a 95% control efficiency.

Applicable Compliance Method:
If the flare complies with the control requirements specified in Sections A.II.1, A.II.2, and A.II.3 above, compliance with the 95% control efficiency requirement will be assumed.

(Authority for term: OAC rule 3745-77-07(C)(1))

d. Emission Limitation:
No visible emissions from the flare except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

Applicable Compliance Method:
40 CFR Part 60, Appendix A, Method 22. No visible emission observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: 40 CFR 60.18(f) and OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 Emissions Unit ID: B009 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Maloney-Crawford triethylene glycol natural gas dehydration system which includes an absorber tower, regenerator still with a 0.8 mmBtu/hr natural gas-fired boiler, and a FLLP1-Natco SHV-4, 2.27 MMBtu/hr flare. (TEG DEHY #2 - B009)	OAC rule 3745-21-07(G)	See A.I.2.a below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the boiler exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-17-10(B)	Particulate emissions from the boiler exhaust stack shall not exceed .020 lb/mmBtu of actual heat input.
	OAC rule 3745-31-05(A)(3) PTI No. 02-3810 (effective May 11, 1988)	See A.II.1 through A.II.3 below.

2. **Additional Terms and Conditions**

a. The emissions unit is designed to use only glycol which is not a photochemically reactive material, as defined in OAC rule 3745-21-01(C)(5).

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II. **Operational Restrictions**

1. The emissions unit shall be equipped with a flare to control organic compound emissions. The flare shall be fired with natural gas and shall be operated with a 95% control efficiency.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

2. The flare shall be designed and operated in a manner that will ensure no visible emissions, as determined by 40 CFR 60.18(f), except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

(Authority for term: 40 CFR 60.18(f) and OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

3. The flare shall be used only when the net heating value of the gas being combusted is 200 hundred Btu/scf or greater. The net heating value of the gas being combusted shall be determined by the methods specified in 40 CFR 60.18(f).

(Authority for term: 40 CFR 60.18(f) and OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

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

1. The flare shall be monitored for the presence of a pilot flame using a thermocouple or any other equivalent device to detect the presence of a flame.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07C)(1))

2. The permittee shall record the following information each month:

a. all periods during which there was no pilot flame; and

b. the operating times for the flare, monitoring equipment, and the associated emissions unit.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07C)(1))

3. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack(s) 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 visible emission incident; and

e. any corrective actions taken to eliminate the visible emissions.

(Authority for term: OAC rule 3745-77-07(C)(1))

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

(Authority for term : OAC rule 3745-77-07(C)(1))

5. For each day during which the permittee uses any material other than glycol that is a photochemically reactive material, the permittee shall maintain a record of the type and quantity of material employed this emissions unit.

(Authority for term : OAC rule 3745-77-07(C)(1))

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IV. **Reporting Requirements**

1. The permittee shall report the use of any material other than glycol in this emissions unit within 30 days after the occurrence.

(Authority for term: OAC rule 3745-31-05(A)(3) and 3745-77-07C)(1))

2. The permittee shall submit deviations (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.

(Authority for term: OAC rule 3745-77-07(C)(1))

3. The permittee shall submit semi-annual deviation (excursion) reports that identify all periods during which the pilot flame or flare was not functioning properly, and the emissions unit was not shut down. The reports shall include the date, time, and duration of each such period, shall be submitted by January 31 and July 31 of each year, and shall cover the previous 6 calendar months.

(Authority for term: OAC rule 3745-31-05(A)(3) and 3745-77-07C)(1))

4. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack(s) serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the Ohio EPA Northeast District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

(Authority for term: OAC rule 3745-77-07(C)(1))

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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 Limitations:
Visible particulate emissions from the boiler exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

Applicable Compliance Method:
Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1). No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

b. Emission Limitation:
Particulate emissions from the boiler exhaust stack shall not exceed .020 lb/mmBtu actual heat input.

Applicable Compliance Method:
Compliance shall be determined by multiplying an emission factor of 1.9 lbs of particulates/mm standard cu. ft. by the emissions unit's maximum hourly natural gas firing capacity (.0008 mm standard cu. ft./hr) and dividing by the emissions unit's rated heat input capacity (0.8 mmBtu/hr). This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 1.4, Table 1.4-2 (7/98).

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

(Authority for term: OAC rules 3745-17-03(B)(9) and 3745-77-07(C)(1))

c. Emission Limitation:
The flare shall be operated with a 95% control efficiency.

Applicable Compliance Method:
If the flare complies with the control requirements specified in Sections A.II.1, A.II.2, and A.II.3 above, compliance with the 95% control efficiency requirement will be assumed.

(Authority for term: OAC rule 3745-77-07(C)(1))

d. Emission Limitation:
No visible emissions from the flare except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

Applicable Compliance Method:
40 CFR Part 60, Appendix A, Method 22. No visible emission observations are specifically required to demonstrate compliance with this emission limitation but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: 40 CFR 60.18(f) and OAC rule 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 Emissions Unit ID: B009 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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: 0238000049 Emissions Unit ID: B010 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Waukesha F18GL natural gas-fired, 2 stroke, rich burn, reciprocating pipeline compressor engine, having a maximum capacity of 3.0 mmBtu/hr (335 HP). (Compressor #103G1 - B010)	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions shall not exceed 0.25 lb/mmBtu actual heat input. See A.I.2.a below.
	OAC rule 3745-17-11(B)(5)(a)	Particulate emissions shall not exceed 0.310 lb/mmBtu actual heat input. See A.I.2.b below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.
	OAC rule 3745-18-06(G)	This emissions unit is exempt from this requirement pursuant to OAC rule 3745-18-06(A). See A.I.2.c below.
	OAC rule 3745-31-05(A)(3) PTI No. 02-783 (effective December 15, 1993)	Nitrogen oxides emissions shall not exceed 4.0 grams/HP-hr or 2.95 lbs/hr and 1.48 tons/yr. Nonmethane VOC emissions shall not exceed 1.0 gram/HP-hr or 0.74 lb/hr and 0.37 ton/yr. See A.II.2 below.

2. **Additional Terms and Conditions**

a. The requirement to comply with this particulate emission limitation shall terminate on the date the U.S. EPA approves the 0.310 lb/mmBtu actual heat input emission limitation as a revision to the Ohio SIP for particulate matter.

b. This particulate emission limitation shall be effective and federally enforceable on the date the U.S. EPA approves this particulate emission limitation as a revision to the Ohio SIP for particulate matter.

c. Pursuant to OAC rule 3745-18-06(B), this emissions unit is exempt from the sulfur dioxide emission limitation specified in OAC rule 3745-18-06(G) because the emissions unit's rated heat input capacity is equal to or less than 10 mmBtu/hr.

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II. **Operational Restrictions**

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

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

2. This emissions unit shall operate no more than 1000 hours per year.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(A)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

2. The permittee shall maintain records of the total number of hours each month that this emissions unit was in operation (i.e., engine firing natural gas and driving the auxiliary electrical generator.)

(Authority for OAC rule 3745-77-07(C)(1))

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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.

(Authority for term: OAC rule 3745-77-07(C)(1))

2. The permittee shall submit annual reports to the Ohio EPA, Northeast District Office which summarize the monthly and annual hours of operation for this emissions unit. The reports shall be submitted by February 15 of each year for engine operations for the previous calendar year.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(C)(1))

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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 Limitations:
Particulate emissions shall not exceed 0.25 lb/mmBtu of actual heat input.
Particulate emissions shall not exceed 0.310 lb/mmBtu of actual heat input.

Applicable Compliance Method:
Compliance shall be based upon an emission factor of 0.0384 lb/mmBtu. This emission factor is specified in USEPA reference document AP-42, Fifth Edition, Compilation of Air Pollution Emission Factors, Section 3.2, Table 3.2-1 (7/00).

If required, the permittee shall demonstrate compliance with this emission limitation in accordance with the methods and procedures specified in OAC rule 3745-17-03(B)(10).

(Authority for term: OAC rules 3745-17-03(B)(10) and 3745-77-07(C)(1))

b. Emission Limitations:
Visible particulate emissions from the exhaust stack serving this emissions unit shall not exceed 20% opacity, as a 6-minute average, except for a period of not more than 6 consecutive minutes in any 60-minute period. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time.

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

No visible emission observations are specifically required to demonstrate compliance with these emission limitations but, if appropriate, may be required pursuant to OAC rule 3745-15-04(A).

(Authority for term: OAC rules 3745-17-03(B)(1) and 3745-77-07(C)(1))

c. Emission Limitations:
Nitrogen oxides emissions shall not exceed 4.0 grams/HP-hr or 2.95 lbs/hr and 1.48 tons/yr.

Applicable Compliance Method:
Compliance with these emission limitations shall be determined using calculations based on the annual hours of operation, the maximum horsepower rating of the engine, and the manufacturer's guaranteed nitrogen oxides emission factor of 4.0 gm/BHP-hr stated in the technical data included with the application for PTI No. 02-7836.

(Authority for term: OAC rule 3745-31-05(A)(3) and 3745-77-07(C)(1))

d. Emission Limitations:
Nonmethane VOC emissions shall not exceed 1.0 gram/HP-hr or 0.74 lb/hr and 0.37 ton/yr.

Applicable Compliance Method:
Compliance with these emission limitations shall be determined using calculations based on the annual hours of operation, the maximum horsepower rating of the engine, and the manufacturer's guaranteed nonmethane VOC emission factor of 1.0 gm/BHP-hr stated in the technical data included with the application for PTI No. 02-7836.

(Authority for term: OAC rules 3745-31-05(A)(3) and 3745-77-07(C)(1))

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0238000049 Emissions Unit ID: B010 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures

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