

Facility ID: 0123000137 Issuance type: Title V Draft 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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b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility: B003, B014, B029, B030 and B031. Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.
The following insignificant emissions units are located at this facility: B003, B014, B029, B030 and B031. Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

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- [Go to Part III for Emissions Unit B005](#)
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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0123000137 Emissions Unit ID: B004 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.
 Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0123000137 Emissions Unit ID: B004 Issuance type: Title V Draft 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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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: 0123000137 Emissions Unit ID: B005 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.
 Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B005 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL	PTI #01-364	see 2.a below

GAS.
 2. **Additional Terms and Conditions**

- a. The best available technology (BAT) determination for PTI #01-364 was established to be compliance with the requirements of OAC rule 3745-17-11.

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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: 0123000137 Emissions Unit ID: B010 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.

PTI #01-379

(2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

5 gms NOx/HP-hr
.3 gm VOC/HP-hr
2 gms CO/HP-hr

2. **Additional Terms and Conditions**

- (a) 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).
 - c. Emission Limitations:

5 gms NOx/HP-hr
.3 gm VOC/HP-hr
2 gms CO/HP-hr

Applicable Compliance Method: The following testing requirements.

The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

 1. The emission testing shall be conducted approximately 2.5 years after permit issuance and within 6 months prior to permit expiration.
 2. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate(s) for NOx, CO, and VOC.
 3. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): 1-4, 7E, 10, 18, and 0011.
 4. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA Central District Office.

Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA Central District Office. The "Intent to Test" notification shall describe in detail

the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA Central District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

- c. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA Central District Office within 30 days following completion of the test(s).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B010 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B011 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B011 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B012 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B012 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B013 Issuance type: Title V Draft 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>
NATURAL GAS DEHYDRATOR SYSTEM : ABSORBER TOWER & REGENERATOR STILL W/ BOILER AND FLARE.	OAC 3745-21-07(G)	None *

2. Additional Terms and Conditions

- a. * The dehydrator 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. 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: 0123000137 Emissions Unit ID: B013 Issuance type: Title V Draft 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>
NATURAL GAS DEHYDRATOR SYSTEM : ABSORBER TOWER & REGENERATOR STILL W/ BOILER AND FLARE.	PTI #01-6343	.13 LB SO2/Hr 3.3 LBS VOC/Hr .25 LB NOx/Hr .78 LB CO/Hr .14LB PM/Hr

2. **Additional Terms and Conditions**

- a. The emissions unit shall be equipped with a flare to control organic compound emissions. The flare shall be fired with natural gas.
- b. 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 five minutes during any two consecutive hours.
- c. The flare shall be operated at all times when emissions may be vented to it as determined by methods specified in 40 CFR 60.18(f).
- d. The flare shall be used only when the net heating value of the gas being combusted is 200 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).
- e. The flare shall be designed for and operated with an exit velocity that satisfies the requirements of 40 CFR 60.18(f).

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II. **Operational Restrictions**

1. None

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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.
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.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods during which the pilot flame or flare was not functioning properly, and the emission unit was not shut down. The reports shall include the date, time, and duration of each such period.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:

3.3 lbs/hr volatile organic compounds

Applicable Compliance Method:

Pollutant emissions shall be determined by employing the Gas Research Institute's simulation program GLYCalc version 3 or equivalent, wet gas analyses of the gases from the applicable storage fields, AP-42 emission factors for products of combustion, and an assumed destruction efficiency of 98% for the flare.

Emission tests may be required, in accordance with test procedures approved by the Director, to demonstrate compliance with the hourly emission limitations.
 - b. Emission Limitation:

no visible emissions, as specified in B.2.b

Applicable Compliance Method:

40 CFR Part 60, Appendix A, Reference Method 22
 - c. Emission Limitation:

.13 LB SO₂/Hr
.25 LB NO_x/Hr
.78 LB CO/Hr

Applicable Compliance Method: multiply the applicable AP-42, 5th Edition emission factor, table 1.4-2 (for units less than 10 mmBtu/hr) by the maximum hourly natural gas combustion rate (1150 cubic feet/hr).
 - d. Emission Limitation:

.14 LB PM/Hr

Applicable Compliance Method: multiply the applicable AP-42, 5th Edition emission factor for filterable particulate matter from table 1.4-1 (for units less than 10 mmBtu/hr) by the maximum hourly natural gas combustion rate (1150 cubic feet/hr).

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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: 0123000137 Emissions Unit ID: B015 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty

percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B015 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B016 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.
 - Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).

- b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B016 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B017 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in

accordance with the following method(s):

- a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.
 Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
- b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B017 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B018 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B018 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B019 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.
 Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B019 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B020 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B020 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B021 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B021 Issuance type: Title V Draft 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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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: 0123000137 Emissions Unit ID: B022 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0123000137 Emissions Unit ID: B022 Issuance type: Title V Draft 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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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: 0123000137 Emissions Unit ID: B023 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED LARGE BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(b)	The particulate emissions from the engine's exhaust shall not exceed 0.35 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute

average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.35 pound particulate matter per million Btu of actual heat input.
 Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B023 Issuance type: Title V Draft 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: 0123000137 Emissions Unit ID: B024 Issuance type: Title V Draft 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>
EMERGENCY GENERATOR : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE GENERATING ELECTRICITY	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions:

- (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
- (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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**

- a. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
1. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.
- Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
- b. Emission Limitation: Visible particulate emission limitations for stack emissions:
- (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
- (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
- Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Emissions Unit ID: B024 Issuance type: Title V Draft 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>
EMERGENCY GENERATOR : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE GENERATING ELECTRICITY	PTI #01-4643	2.2 LBS NOx/HR 3.93 LBS CO/HR 1.5 LBS VOC/HR

2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 500 hours, based upon a rolling, 12-month summation of the operating hours.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. The rolling, 12-month summation of the operating hours.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation.

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V. Testing Requirements

1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

Applicable Compliance Method: AP-42, 5th Edition emission factors, table 3.2-4 (2.9, .28, and 1.6 pounds per million Btu of actual heat input for NOx, CO and VOC, respectively).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0123000137 Emissions Unit ID: B025 Issuance type: Title V Draft 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>
EMERGENCY GENERATOR : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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

- a. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):

- 1. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.
Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
- b. Emission Limitation: Visible particulate emission limitations for stack emissions:
(1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
(2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B025 Issuance type: Title V Draft 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>
EMERGENCY GENERATOR : A	PTI #01-5741	5.12 LBS NOx/HR
NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE		.68 LB CO/HR .31 LB OC/HR

2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. The maximum annual operating hours for this emissions unit shall not exceed 1000 hours, based upon a rolling, 12-month summation of the operating hours.

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

III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain monthly records of the following information:
 - a. The operating hours for each month.
 - b. The rolling, 12-month summation of the operating hours.

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IV. Reporting Requirements

- 1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the rolling, 12-month operating hours limitation.

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V. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):

Applicable Compliance Method: AP-42, 5th Edition emission factors, table 3.2-4 (2.9, .28, and 1.6 pounds per million Btu of actual heat input for NOx, CO and VOC, respectively).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B026 Issuance type: Title V Draft 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>
NATURAL GAS DEHYDRATOR SYSTEM : ABSORBER TOWER & REGENERATOR STILL W/ BOILER AND FLARE.	OAC 3745-21-07(G)	None *

2. **Additional Terms and Conditions**

- a. * The dehydrator 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. 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: 0123000137 Emissions Unit ID: B026 Issuance type: Title V Draft 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>
NATURAL GAS DEHYDRATOR SYSTEM : ABSORBER TOWER & REGENERATOR STILL W/ BOILER AND FLARE.	PTI #01-6343	.086 LB SO ₂ /Hr 1.6 LBS VOC/Hr .19 LB NO _x /Hr .51 LB CO/Hr .012 LB PM/Hr

2. Additional Terms and Conditions

- a. The emissions unit shall be equipped with a flare to control organic compound emissions. The flare shall be fired with natural gas.
- b. 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 five minutes during any two consecutive hours.
- c. The flare shall be operated at all times when emissions may be vented to it as determined by methods specified in 40 CFR 60.18(f).
- d. The flare shall be used only when the net heating value of the gas being combusted is 200 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).
- e. The flare shall be designed for and operated with an exit velocity that satisfies the requirements of 40 CFR 60.18(f).

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II. Operational Restrictions

1. None

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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.
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.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods during which the pilot flame or flare was not functioning properly, and the emission unit was not shut down. The reports shall include the date, time, and duration of each such period.

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V. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation:

1.6 lbs/hr volatile organic compounds

Applicable Compliance Method:

Pollutant emissions shall be determined by employing the Gas Research Institute's simulation program GLYCalc version 3 or equivalent, wet gas analyses of the gases from the applicable storage fields, AP-42 emission factors for products of combustion, and an assumed destruction efficiency of 98% for the flare.

Emission tests may be required, in accordance with test procedures approved by the Director, to demonstrate compliance with the hourly emission limitations.
 - b. Emission Limitation:

no visible emissions, as specified in B.2.b

Applicable Compliance Method:

40 CFR Part 60, Appendix A, Reference Method 22
 - c. Emission Limitation:

.086 LB SO₂/Hr
.19 LB NO_x/Hr
.51 LB CO/Hr

Applicable Compliance Method: multiply the applicable AP-42, 5th Edition emission factor, table 1.4-2 (for units less than 10 mmBtu/hr) by the maximum hourly natural gas combustion rate (1000 cubic feet/hr).
 - d. Emission Limitation:

.012 LB PM/Hr

Applicable Compliance Method: multiply the applicable AP-42, 5th Edition emission factor for filterable particulate matter from table 1.4-1 (for units less than 10 mmBtu/hr) by the maximum hourly natural gas combustion rate (1000 cubic feet/hr).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0123000137 Issuance type: Title V Draft Permit

Part III - Terms and Conditions for Emissions Units

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Facility ID: 0123000137 Emissions Unit ID: B027 Issuance type: Title V Draft 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>
AIR COMPRESSOR : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING AMBIENT AIR.	OAC 3745-17-11(B)(5)(a) OAC 3745-17-07(A)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input. Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
 - (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
 - (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.
 Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: B027 Issuance type: Title V Draft 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>
AIR COMPRESSOR : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING AMBIENT AIR.	PTI #01-6402	5.2 LBS NOx/HR 4.5 LBS CO/HR .07 LB VOC/HR .09 LB SO2/HR .33 LB PM/HR

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. Compliance with the emission limitation(s) in Section B.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Applicable Compliance Method: AP-42, 5th Edition emission factors from table 3.2-4 (.029, 2.9, .28, and 1.6 pound(s) per million Btu of actual heat input for PM, NOx, CO, and VOC, respectively) shall be used to demonstrate compliance with PM, NOx, CO, and VOC. An emission factor of .25 grains of sulfur per 100 standard cubic feet multiplied by the maximum hourly natural gas combustion rate (252000 cubic feet/hr) shall be used to demonstrate compliance with SO2.

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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: 0123000137 Emissions Unit ID: Z002 Issuance type: Title V Draft 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>
PRIME MOVER : A NATURAL GAS-FIRED SMALL BORE RECIPROCATING ENGINE COMPRESSING NATURAL GAS.	OAC 3745-17-11(B)(5)(a)	The particulate emissions from the engine's exhaust shall not exceed 0.25 pound per million Btu of actual heat input.
	OAC 3745-17-07(A)	Visible particulate emission limitations for stack emissions: (1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average. (2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty 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. 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. Compliance with the emission limitation(s) in Section A.I. of these terms and conditions shall be determined in accordance with the following method(s):
 - a. Emission Limitation: 0.25 pound particulate matter per million Btu of actual heat input.

Applicable Compliance Method: AP-42, 5th Edition emission factor, table 3.2-4 (.029 pound particulate matter per million Btu of actual heat input).
 - b. Emission Limitation: Visible particulate emission limitations for stack emissions:
(1) Except as otherwise specified in (2), visible particulate emissions from any stack shall not exceed twenty per cent opacity, as a six-minute average.
(2) Visible particulate emissions from any stack may exceed twenty per cent opacity, as a six-minute

average, for not more than six consecutive minutes in any sixty minutes, but shall not exceed sixty percent opacity, as a six-minute average, at any time.

Applicable Compliance Method: OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0123000137 Emissions Unit ID: Z002 Issuance type: Title V Draft 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