

Facility ID: 0634000076 Issuance type: Final State Permit To Operate

This version of facility specific terms and conditions was converted from a database format to an HTML file during an upgrade of the Ohio EPA, Division of Air Pollution Control's permitting software. Every attempt has been made to convert the terms and conditions to look and substantively conform to the permit issued or being drafted in STARS. However, the format of the terms may vary slightly from the original. In addition, although it is not expected, there is a slight possibility that a term and condition may have been inadvertently "left out" of this reproduction during the conversion process. Therefore, if this version is to be used as a starting point in drafting a new version of a permit, it is imperative that the entire set of terms and conditions be reviewed to ensure they substantively mimic the issued permit. The official version of any permit issued final by Ohio EPA is kept in the Agency's Legal section. The Legal section may be contacted at (614) 644-3037.

In addition to the terms and conditions, hyperlinks have been inserted into the document so you may more readily access the section of the document you wish to review.

Finally, the term language under "Part II" and before "A. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

[Go to Part II for Emissions Unit P005](#)
[Go to Part II for Emissions Unit P006](#)
[Go to Part II for Emissions Unit P007](#)

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Facility ID: 0634000076 Emissions Unit ID: P005 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

This permit document constitutes a permit-to-install issued in accordance with ORC 3704.03(F) and a permit-to-operate issued in accordance with ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
100 HP methane gas engine	OAC rule 3745-31-05 See F.1.	1.7 lbs CO/hr, 5.7 TPY CO 1.4 lbs NOx/hr, 4.5 TPY NOx
	OAC rule 3745-17-11(B)(5)(a) See F.1.	No visible particulate emissions shall be exhausted into the ambient air. 0.25 lb PM/MMBtu of actual heat input.
	OAC rule 3745-17-07(A) See F.1.	Less stringent than above.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. The permittee shall use only methane to run the internal combustion engine.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the NOx and CO emission limits in section A.1. of these terms and conditions shall be demonstrated by the use of manufacturer's test data (1.4 lbs NOx/hr and 1.7 lbs CO/hr) for a similar source. The TPY emission limits for NOx and CO are based on the lb/hr emission factors above and the reported maximum operating hours per year (6850 hrs/yr).
2. Compliance with the visible particulate emission limitation in section A.1. of these terms and conditions shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B)(1).
3. If required, compliance with the PM emission limit shall be determined by the use of 40 CFR Part 60, Appendix A, Method 5.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 17-1389 as issued on 7-6-95:

Part II: Special Terms and Conditions, A-E.

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Facility ID: 0634000076 Emissions Unit ID: P006 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
100 HP methane gas engine	OAC rule 3745-31-05 See F.1.	1.7 lbs CO/hr, 5.7 TPY CO 1.4 lbs NOx/hr, 4.5 TPY NOx
	OAC rule 3745-17-11(B)(5)(a) See F.1.	No visible particulate emissions shall be exhausted into the ambient air. 0.25 lb PM/MMBtu of actual heat input.
	OAC rule 3745-17-07(A) See F.1.	Less stringent than above.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. The permittee shall use only methane to run the internal combustion engine.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the NOx and CO emission limits in section A.1. of these terms and conditions shall be demonstrated by the use of manufacturer's test data (1.4 lbs NOx/hr and 1.7 lbs CO/hr) for a similar source. The TPY emission limits for NOx and CO are based on the lb/hr emission factors above and the reported maximum operating hours per year (6850 hrs/yr).
2. Compliance with the visible particulate emission limitation in section A.1. of these terms and conditions shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B)(1).
3. If required, compliance with the PM emission limit shall be determined by the use of 40 CFR Part 60, Appendix A, Method 5.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 17-1389 as issued on 7-6-95:

Part II: Special Terms and Conditions, A-E.

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Part II - Special Terms and Conditions

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ORC 3704.03(G).

1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
100 HP methane gas engine	OAC rule 3745-31-05 See F.1.	1.7 lbs CO/hr, 5.7 TPY CO 1.4 lbs NOx/hr, 4.5 TPY NOx No visible particulate emissions shall be exhausted into the ambient air.
	OAC rule 3745-17-11(B)(5)(a) See F.1.	0.25 lb PM/MMBtu of actual heat input.
	OAC rule 3745-17-07(A) See F.1.	Less stringent than above.

2. Additional Terms and Conditions

- (a) None

B. Operational Restrictions

1. The permittee shall use only methane to run the internal combustion engine.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the NOx and CO emission limits in section A.1. of these terms and conditions shall be demonstrated by the use of manufacturer's test data (1.4 lbs NOx/hr and 1.7 lbs CO/hr) for a similar source. The TPY emission limits for NOx and CO are based on the lb/hr emission factors above and the reported maximum operating hours per year (6850 hrs/yr).
2. Compliance with the visible particulate emission limitation in section A.1. of these terms and conditions shall be determined in accordance with the test method and procedures in OAC rule 3745-17-03(B)(1).
3. If required, compliance with the PM emission limit shall be determined by the use of 40 CFR Part 60, Appendix A, Method 5.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install number 17-1389 as issued on 7-6-95:

Part II: Special Terms and Conditions, A-E.