

Facility ID: 0857103196 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.

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

Facility ID: 0857103196 Emissions Unit ID: P009 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>
P009 - Hot Test Stand No. 9	OAC rule 3745-31-05(A)(3) PI 08-04257	1.1 lb/hr and 4.82 TPY carbon monoxide (CO); 0.8 lb/hr and 3.50 TPY nitrogen oxides (NOx); 0.3 lb/hr and 1.31 TPY organic compounds (OC); 0.2 lb/hr and 0.88 TPY sulfur dioxide (SO2); 0.2 lb/hr and 0.88 TPY particulate emissions (PE); 15% opacity, as a six-minute average The opacity limitation specified by this rule is less stringent than the opacity limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-07(A)	

2. **Additional Terms and Conditions**
 - (a) The 1.1 lb CO/hr, 0.8 lb NOx/hr, 0.3 lb OC/hr, 0.2 lb SO2/hr, and 0.2 lb PE/hr limitations were established for PTI purposes to reflect the potential to emit for this emissions unit, based on the testing protocol submitted on April 19, 2001 by the permittee. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limitations.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the following information:
 - a. The total number of engines tested; and
 - b. The total engine running time compiled for all engines tested during the month.

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1.1. of this permit shall be determined in accordance with the following methods:
 - Emission Limitation - 1.1 lb CO/hr
 - Applicable Compliance Method - Compliance shall be demonstrated by multiplying the average test protocol horsepower output (100 hp) by the 0.01 lb CO/hp-hr emission factor established during the January 2001 performance testing. If required, compliance shall also be determined by using Reference Method 10, as specified in 40 CFR Part 60, Appendix A.
 - Emission Limitation -

4.82 TPY CO

Applicable Compliance Method -

The 4.82 TPY limitation was developed by multiplying the specified allowable emission rate of 1.1 lb/hr by the maximum annual operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

Emission Limitation -
0.8 lb NOx/hr

Applicable Compliance Method -

Compliance shall be demonstrated by multiplying the average test protocol horsepower output (100 hp) by the 0.008 lb NOx/hp-hr emission factor established during the January 2001 performance testing. If required, compliance shall also be determined by using Reference Method 7, as specified in 40 CFR Part 60, Appendix A.

Emission Limitation -
3.50 TPY NOx

Applicable Compliance Method -

The 3.50 TPY limitation was developed by multiplying the specified allowable emission rate of 0.8 lb/hr by the maximum annual operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

Emission Limitation -
0.3 lb OC/hr

Applicable Compliance Method -

Compliance shall be demonstrated by multiplying the average test protocol horsepower output (100 hp) by the emission factor, 0.003 lb OC/hp-hr (AP-42, Table 3.3-1 (10/96)).

Emission Limitation -
1.31 TPY OC

Applicable Compliance Method -

The 1.31 TPY limitation was developed by multiplying the specified allowable emission rate of 0.3 lb/hr by the maximum annual operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

Emission Limitation -
0.2 lb SO₂/hr

Applicable Compliance Method -

Compliance shall be demonstrated by multiplying the average test protocol horsepower output (100 hp) by the emission factor, 0.002 lb SO₂/hp-hr (AP-42, Table 3.3-1 (10/96)).

Emission Limitation -
0.88 TPY SO₂

Applicable Compliance Method -

The 0.88 TPY limitation was developed by multiplying the specified allowable emission rate of 0.2 lb/hr by the maximum annual operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

Emission Limitation -
0.2 lb PE/hr

Applicable Compliance Method -

Compliance shall be demonstrated by multiplying the average test protocol horsepower output (100 hp) by the emission factor, 0.002 lb PE/hp-hr (AP-42, Table 3.3-1, (10/96)). If required, compliance shall be also be determined by using Reference Method 5, as specified in 40 CFR Part 60, Appendix A.

Emission Limitation -
0.88 TPY PE

Applicable Compliance Method -

The 0.88 TPY limitation was developed by multiplying the specified allowable emission rate of 0.2 lb/hr by the maximum annual operating schedule of 8,760 hrs/yr. Therefore, provided compliance is shown with the hourly limitation, compliance will also be shown with the annual limitation.

Emission Limitation -
15% opacity, as a six-minute average

Applicable Compliance Method -

Compliance shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(3) using the methods and procedures specified in USEPA Method 9.

F. **Miscellaneous Requirements**

1. None