Facility ID: 0210000110 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: 0210000110 Emissions Unit ID: B001 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.

| Operations, Property, and/or Equipment | Applicable Rules/Requirements | Applicable Emissions Limitations/Control Measures |
|---|---|---|
| 149 HP natural gas compressor engine | OAC rule 3745-31-05<br>See F. | 3.87 lbs NOx/hr, 17.0 TPY NOx.<br>0.51 lb CO/hr, 2.23 TPY CO.<br>1.45 lbs OC/hr, 6.36 TPY OC.<br>0.22 lb VOC/hr, 0.95 TPY VOC.<br>1.33 lbs Methane/hr, 5.83 TPY Methane. |
| | OAC rule 3745-17-07(A)(1)<br>See F. | Visible particulate emissions from the stack shall not exceed 20% opacity, as a 6-minute average, except for a period of 6 consecutive minutes in any 60-minutes. Visible particulate emissions shall not exceed 60% opacity, as a 6-minute average, at any time. |
| | OAC rule 3745-17-11(B)(5)(a)<br>See F. | 0.25 lb PM/MMBtu of actual heat input. |
| | OAC rule 3745-18-06(F)<br>See F. | Exempt, pursuant to OAC rule 3745-18-06(A). |

2. **Additional Terms and Conditions**

   (a) None

B. **Operational Restrictions**

1. None

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

1. None

D. **Reporting Requirements**

1. None

E. **Testing Requirements**

1. Compliance with the visible particulate emission limit 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).

2. Compliance with the NOx, CO, OC, VOC, and Methane emission limits in section A.1. of these terms and conditions shall be demonstrated by the use of emission factors found in US EPA publication titled Compilation of Air Pollutant Emission Factors AP-42, Table 3.2-2.

   Emission factors:

   NOx = 3.2 lbs/MMBtu of actual heat input
   CO = 0.42 lb/MMBtu of actual heat input
   OC = 1.2 lbs/MMBtu of actual heat input
   VOC = 0.18 lb/MMBtu of actual heat input
   Methane = 1.1 lbs/MMBtu of actual heat input

   Take the 1.21 MMBtu/hr (max. input capacity) x emission factor = lbs/hr.

   Multiply the lbs/hr x 8,760 hrs/yr, then divide by 2,000 lbs/ton =TPY.

3. Compliance with the mass emission limit for particulate matter in section A.1. of these terms and conditions shall be determined in accordance with the test method and procedures in OAC 3745-17-01(B)(11).

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 17-1529 as issued on 1-23-97:

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