

Facility ID: 0829100409 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: 0829100409 Emissions Unit ID: P001 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>
Carbon-13 Isotope separation by distillation of carbon monoxide	OAC rule 3745-31-05(A)(3) PTI 08-03648	The carbon monoxide (CO) emissions from this emissions unit shall not exceed 17.2 pounds per hour, 6.27 tons per month and 75.3 tons per year (TPY)

See A.2.a.

2. Additional Terms and Conditions

- (a) The hourly CO emissions limitation was established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to establish record keeping requirements to demonstrate compliance with this emissions limit.

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 weight, in tons, of carbon monoxide entering the distillation columns;
 - b. the weight, in tons, of carbon monoxide recovered from the distillation columns;
 - c. the carbon monoxide emissions rate, in tons (a -b).

D. Reporting Requirements

1. The permittee shall submit annual reports to the Director (the appropriate Ohio EPA District Office or local air agency) for this emissions unit that specify the weight, in pounds or tons, of total carbon monoxide emissions from this emissions unit. These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. Testing Requirements

1. Compliance with the emissions limitations in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation:
The CO emissions from this emissions unit shall not exceed 17.2 pounds per hour.

Applicable Compliance Method:
Compliance shall be based upon a material balance that assumes that all of the maximum 17.2 pounds per hour input to the distillations is released to the atmosphere.
 - b. Emission Limitation:
The CO emissions from this emissions unit shall not exceed 6.27 tons per month.

Applicable Compliance Method:
Compliance shall be based on the record keeping requirements of section (C)(1).
 - c. Emission Limitation:

The CO emissions from this emissions unit shall not exceed 75.29 tons per year.

Applicable Compliance Method:

Compliance shall be based on the record keeping requirements of section (C)(1) and shall be the sum of the monthly carbon monoxide emissions rates for each calendar year.

F. **Miscellaneous Requirements**

1. None