

Facility ID: 1431074118 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: 1431074118 Emissions Unit ID: J001 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>
J001-Methanol Load Out	OAC rule 3745-35-05(C) Voluntary Limitations to Avoid Title V Permit Requirements (PTI 14-05851) OAC rule 3745-31-05(A)(3)	See term A.2.a. Organic Compound (OC) emissions shall not exceed 3.0 pounds per hour * and 0.75 ton per year. See section B.1.

* The hourly emission limitation is based upon the emission unit's Potential to Emit (PTE). Therefore, no hourly records are required to demonstrate compliance with this limitation.

2. Additional Terms and Conditions

- (a) The actual emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act from emissions units P004 (Oleochemical Process), J001 (Methanol Loadout), fat traps, fugitive leaks, all miscellaneous tanks, sumps and small air contaminant sources that may be de minimis emissions units as defined in OAC rule 3745-15-05, any registration status and/or permit exempt emissions units, or future constructed emissions units, shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs. Compliance with the above limitations shall be based on a rolling, 12-month summation.
Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the emission limitations, the use of submerged fill, compliance with the operating limitation specified in this permit and compliance with the facility-wide HAP emission limitations.

B. Operational Restrictions

1. The maximum annual operating hours for this emissions unit shall not exceed 500 hours.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the operating hours for each month.
2. The permittee shall collect and record the following information each month for the emissions units identified in term and condition A.2.a:
 - a. the company identification of each organic material containing a HAP(s) employed in this emissions unit;
 - b. the number of pounds of organic material employed;
 - c. the individual Hazardous Air Pollutant (HAP) content for each HAP for each material employed in pounds of individual HAP per pound of material;
 - d. the total combined HAP content of each material employed in pounds of combined HAPs per pound of material;
 - e. the total individual HAP emissions for each HAP from all materials employed in pounds or tons per month. This

calculation shall be based on the emissions calculation methodology submitted in permit-to-install application number 14-05851 submitted on June 1, 2006;

f. the total combined HAP emissions from all materials employed in pounds or tons per month. This calculation shall be based on the emissions calculation methodology submitted in permit to install application number 14-05851 submitted on June 1, 2006;

g. the updated rolling, 12-month summation for individual HAP emissions for each HAP, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months; and

h. the updated rolling, 12-month summation for total combined HAP emissions, in pounds or tons. This shall include the information for the current month and the preceding eleven calendar months.

* A listing of the HAPs can be found in Section 112(b) of the Clean Air Act or can be obtained by contacting the Hamilton County Department of Environmental Services. This information does not have to be kept on a individual emissions unit basis.

D. Reporting Requirements

1. The permittee shall submit annual reports which identify all exceedances of the hours of operation limitation identified in section B.1. The reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 of each year. If no exceedances occurred, the permittee shall state so in the report.

2. The permittee shall notify the Hamilton County Department of Environmental Services of any exceedance of the HAP emission limitations set forth in term A.2.a. The reports shall be submitted to the Hamilton County Department of Environmental Services by January 31, April 30, July 31 and October 31 of each year and shall cover the previous three calendar months (October through December, January through March, April through June and July through September, respectively.)

If no exceedances occurred, the permittee shall state so in the report.

3. Deviation reports shall be submitted in accordance with the reporting requirements specified in Part 1 - General Terms and Conditions, Section A of this permit.

E. Testing Requirements

1. Compliance with the emission limitations in section A of these terms and conditions shall be determined in accordance with the following methods:

a. Emission Limitations:

Organic compound (OC) emissions shall not exceed 3.0 pounds per hour and 0.75 ton per year.

Applicable Compliance Method:

Compliance with the pounds per hour and tons per year OC emissions limitations in section A.1 shall be demonstrated by calculations using the emission factors from US EPA AP-42 Fifth Edition, Chapter 5.2, (Draft section, June 1999) and the permittee-provided production data contained in PTI application number 14-05851, as submitted on June 1, 2006.

b. Emission Limitations:

The actual emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act from emissions units P004 (Oleochemical Process), J001 (Methanol Loadout), fat traps, fugitive leaks, all miscellaneous tanks, sumps and small air contaminant sources shall not exceed 9.9 TPY for any single HAP and 24.9 TPY for any combination of HAPs, including HAP acid mists.

Applicable Compliance Method:

Compliance with the HAP emission limitations in term A.2.a shall be demonstrated by the record keeping in section C.3.

2. Compliance with the operating hours limitation in section B.1 shall be demonstrated by the record keeping in section C.1.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic pollutant will be less than 1.0 ton. OAC Chapter 3745-31 requires a permittee to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that a new permit to install application would be required for an emissions unit if changes in the composition of the materials or use of new materials would cause the emissions of any pollutant that has a listed Threshold Limit Value (TLV), as documented in the most current version of the American Conference of Governmental Industrial Hygienists' (ACGIH's) handbook entitled "TLVs and BEIs" ("Threshold Limit Values for Chemical Substances and Physical Agents, Biological Exposure Indices"), to increase to above 1.0 ton per year.

2. The following terms and conditions are federally enforceable: A, B, C, D and E.