

Facility ID: 1431072036 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: 1431072036 Emissions Unit ID: T038 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>
756,000-gallon fixed roof storage tank	OAC rule 3745-31-05(A)(3) (PTI 14-04905)	3.03 tons per year (TPY) of organic compound (OC) emissions
	40 CFR, Part 60, Subpart Kb	See Section A.2.b and B.1 below. See A.2.a below.
	OAC rule 3745-21-07(D)	Exempt, see Section A.2.c below.

2. Additional Terms and Conditions

- (a) The application and enforcement of the provisions of the New Source Performance Standards (NSPS), as promulgated by the United States Environmental Protection Agency, 40 CFR, Part 60, are delegated to the Ohio Environmental Protection Agency. The requirements of 40 CFR, Part 60 are also federally enforceable.
The permittee shall operate and maintain equipment for submerged filling of the tank.
The permittee shall not store any OC material in this emissions unit that is a volatile photochemically reactive material as defined in OAC rule 3745-21-01(C)(7).

B. Operational Restrictions

1. Vapor Balance Requirements
 - a. For any transfer of methyl methacrylate from the stationary storage tank to a delivery vessel, the vapors displaced from delivery vessel shall be processed by a vapor balance system that is equipped with a vapor tight vapor line from the delivery vessel to the stationary storage tank being unloaded and a means to ensure that the vapor line is connected before methyl methacrylate can be transferred and that is designed and operated to route at least 90 percent by weight of the OC in the displaced vapors to the stationary storage tank.
 - b. The vapor balance system shall be kept in good working order and shall be used at all times during the transfer of methyl methacrylate.
 - c. The delivery vessel hatches shall be closed at all times during the loading and unloading of the delivery vessel.
 - d. There shall be no leaks in the delivery vessel pressure/vacuum relief valves and hatch covers.
 - e. There shall be no leaks in the vapor and liquid lines during the transfer of methyl methacrylate.
2. Prior to a change in the material stored (inorganic or organic), the permittee shall provide written notification to Hamilton County Department of Environmental Services ("HCDES"). The permittee shall not store any new material until it has been notified by HCDES that compliance with the new material will be maintained and a Permit to Install, if required by HCDES, has been applied for and obtained.

C. Monitoring and/or Record Keeping Requirements

1. In accordance with 40 CFR, Part 60.116b (a) and (b), the permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel for the life of the storage vessel.
2. The permittee shall maintain annual records of the following information:

- a. the type of material stored in this tank; and
 - b. the annual throughput of each material stored in this tank, in gallons.
3. The permittee shall maintain records that document any period of time the storage tank was in operation and did not employ submerged filling.
- D. **Reporting Requirements**
 1. The permittee shall submit annual reports to HCDES that specify the total amount of OC emissions, in tons, from this emissions unit for the calendar year.
 2. The permittee shall notify the HCDES of any period of time the storage tank was in operation and did not employ submerged filling. A copy of such record shall be sent to the HCDES within 30 days of each occurrence.
- E. **Testing Requirements**
 1. Compliance with the OC emission limitation specified in Section A.1 shall be determined by using U.S. EPA Tanks Program 4.0.
- F. **Miscellaneous Requirements**
 1. None