Facility ID: 1431072036 Issuance type: Final State Permit To Operate

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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: T037 Issuance type: Final State Permit To Operate

Go to the top of this document

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
T037 - 100,000 Gallon fixed roof storage tank w/ submerged filling - Tank No. 24	OAC rule 3745-31-05(A)(3) (PTI 14-04325)	See term A.2.a. and Section B.1 and B.2.
	40 CFR Part 60, Subpart Kb	See Section B.2.
	OAC 3745-21-07(D)	Exempt
	OAC rule 3745-21-09(L)	See Section C.2.
	OAC rule 3745-31-05(C)	See term A.2.b.

2. **Additional Terms and Conditions**

   (a) The organic compound (OC) emissions from this emissions unit shall not exceed 0.66 ton/year (TPY).
   The allowable emissions of Hazardous Air Pollutants (HAPs), as identified in Section 112(b) of Title III of the Clean Air Act, from emissions units T001 (Tank #6), T002 (Tank #2), T005 (Tank #5), T006 (Tank #1), T007 (Tank #7), T008 (Tank #8), T009 (Tank #9), T010 (Tank E), T011 (Tank #11), T012 (Tank #12), T013 (Tank #13), T014 (Tank K), T015 (Tank #10), T016 (Tank A), T017 (Tank B), T018 (Tank C), T019 (Tank D), T020 (Tank #15), T021 (Tank #16), T023 (Tank J), T024 (Tank L), T025 (Tank M), T026 (Tank N), T027 (Tank F), T028 (Tank #14), T029 (Tank #17), T030 (Tank #18), T031 (Tank #19), T032 (Tank #20), T033 (Tank #21), T034 (Tank #22), T035 (Tank #23), T036 (Tank #24), T037 (Tank #24),T038 (Tank #25) and other deminimis air contaminant sources, as defined in OAC rule 3745-15-05 and other air contaminant sources exempt from the requirement to obtain a permit to install pursuant to OAC rule 3745-31-03 installed subsequent to the issuance of this permit combined shall not exceed 9.9 tons per year (TPY) for any single HAP, as a rolling, 12-month summation and 24.9 TPY for any combination of HAPs, as a rolling, 12-month summation.
   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.

B. **Operational Restrictions**

1. The permittee shall operate and maintain equipment for submerged filling of the tank.

2. The maximum true vapor pressure of any materials stored in this emissions unit shall not exceed 0.754 psia.

3. Prior to the change in material stored in this emissions unit, Kinder Morgan Liquids Terminals - Queen City Terminals, Inc. shall provide written notification to Hamilton County Department of Environmental Services (HCDOES). Such notification shall include the information, in an acceptable form, sufficient to determine that the proposed change in materials comply with the conditions of this permit and all other applicable Ohio EPA rules. Within fifteen working days, HCDOES will notify Kinder Morgan Liquids Terminals - Queen City Terminals whether compliance has been demonstrated. If, in the opinion of the HCDOES, the material being stored may emit a toxic air contaminant, HCDOES will notify Kinder Morgan Liquids Terminals - Queen City Terminals within fifteen days whether a Permit to Install (PTI) is required to store the material. Kinder Morgan Liquids Terminals - Queen City Terminals shall not store the specific material until they have been notified that compliance has been demonstrated or whether or not a PTI is required.

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

1. In accordance with 40 CFR 60.116b, the permittee shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. This information shall be kept for the life of the emissions unit.

2. The permittee shall maintain records of each material stored in this emissions unit, the period of storage, the throughput of each material stored, and the maximum true vapor pressure (in pounds per square inch absolute), as stored, of each liquid.

3. The permittee shall collect and record the following information each month to show compliance with term A.2.b:

   a. The name of each HAP* containing material stored or loaded.

   b. The vapor pressure of each HAP containing material.

   c. The throughput, in gallons, of each HAP containing material stored or loaded.

   d. The total individual HAP emissions for each HAP from all HAP containing materials stored or loaded, in pounds or tons per month. (This shall be calculated by using the appropriate emissions factor for each individual HAP for each HAP containing material).

   e. The total combined HAP emissions from all HAP containing materials stored or loaded, in pounds or tons per month. [This shall be calculated by adding the emissions from (d) for each individual HAP emitted].

   f. 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 calender months.

   g. 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 calender months.

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

4. The permittee shall maintain annual records of the organic compound emissions from this emissions unit.

D. **Reporting Requirements**

1. The permittee shall submit an annual report to the HCDOES which summarizes the information in Sections C.2 and C.4 for each material stored in this emissions unit. The report shall be submitted by February 15 of each year and shall cover the previous twelve (12) calendar months.

2. The permittee shall notify the HCDOES within 30 days when the maximum true vapor pressure of the stored liquid exceeds 0.754 psia.

3. 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.b. The permittee shall submit annual reports which identify all exceedances of these limitations, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year. If no exceedances occurred during the reporting period then a report is required stating so.

E. **Testing Requirements**

1. The permittee shall determine the maximum true vapor pressure according to methods outlined in 40 CFR Part 60, paragraph 60.116 b(e).

2. Compliance with the HAP's emission limitations in term A.2.b shall be demonstrated by the record keeping in Section C.3.

3. 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:
   The organic compound emissions from this emissions unit shall not exceed 0.66 ton per year.

   Applicable Compliance Method:
   Compliance with emission limitation in Section A shall be determined in accordance with the methods and formulas outlined in AP-42, Storage of Organic Liquids, Section 7.1.

F. **Miscellaneous Requirements**

None