

Facility ID: 1483140150 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: 1483140150 Emissions Unit ID: F006 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.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
Concrete panel acid/water wash	OAC 3745-31-05 See F.	6.3 LBS/HR HCl, 3.2 TPY HCl
	OAC 3745-17-07(B) See F.	Visible particulate emissions of fugitive dust shall not exceed twenty percent opacity as a three-minute average, except as specified by rule.
	OAC 3745-17-08(B) See F.	Maintain the application of HCl in a water spray.

2. **Additional Terms and Conditions**
None

B. Operational Restrictions

1. The permittee shall not employ muriatic acid with an HCl content greater than 31.5% by weight.
2. The permittee shall not employ more than 20,700 gallons per year of muriatic acid in F006.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the total quantity of muriatic acid employed, in gallons, and the results of the analyses for HCl content provided by the supplier for any shipments of muriatic acid to the facility in that month.
2. The permittee shall maintain monthly records of the number of hours muriatic acid is employed.

D. Reporting Requirements

1. The permittee shall notify the Hamilton County Department of Environmental Services in writing of any monthly record (analytical results) showing an exceedance of the HCl content limitation in Section B.1. of these terms and conditions. The permittee shall also notify Hamilton County Department of Environmental Services of any exceedance of the annual muriatic acid usage limitation in Section B.2. of these terms and conditions. The permittee shall notify the Hamilton County Department of Environmental Services of such exceedance within 45 days after its occurrence.

E. Testing Requirements

1. Compliance with the HCl emission limits in A.1. of these terms and conditions shall be demonstrated by the use of an emission factor supplied by the permittee and the following equations:
 - a. $\text{actual usage muriatic acid (gal/month)} / \text{operating hours (hr/month)} \times \text{muriatic acid density (lbs/gal)} \times \text{actual HCl content (lb HCl/lb)} \times \text{EF (0.10 lb HCl emitted/lb HCl)} = \text{lbs HCl/hr emitted.}$
 - b. $\text{actual usage muriatic acid (gal/year)} \times \text{muriatic acid density (lbs/gal)} \times \text{actual HCl content (lb HCl/lb)} \times \text{EF (0.10 lb HCl emitted/lb HCl)} \times \text{Ton/2000 lbs} = \text{TPY HCl emitted.}$
2. Compliance with the visible emissions limitation in A.1. of these terms and conditions shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(3).
3. Compliance with the annual muriatic acid usage limitation shall be demonstrated by the record keeping in C.1 of these terms and conditions.

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 14-4347 as issued on 4-30-97: A-E.