

Facility ID: 0857053224 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: 0857053224 Emissions Unit ID: P001 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>
P001 - aqueous chlorinator controlled with a scrubber	OAC rule 3745-31-05(A)(3) PTI 08-04757	The chlorine emissions from this emissions unit shall not exceed 0.06 lb/hr and 0.26 tons/yr.

2. Additional Terms and Conditions

- (a) The 0.06 lb/hr limitation was developed for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting to ensure compliance with this limitation.

B. Operational Restrictions

1. The pH of the scrubber liquor shall be continuously maintained at or above 10, at all times while the emissions unit is in operation.
2. The scrubber water flow rate shall be continuously maintained at a value of not less than 40 pounds per square inch (PSI) at all times while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall record the pH of the scrubber immediately before and after each batch.
2. The permittee shall properly operate and maintain equipment to continuously monitor the scrubber water flow rate while the emissions unit is in operation. The monitoring devices and any recorders shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
3. The permittee shall collect and record the following information each day:
 - a. The pH of the scrubber liquor, before and after each batch;
 - b. The scrubber water flow rate, in pounds per square inch (PSI), on a once per day basis;
 - c. The amount of chlorine gas used, in pounds; and
 - d. A log or record of operating time for the capture (collection) system, control device, monitoring equipment, and the associated emissions unit.

D. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports, in accordance with Section A.1. of the General Terms and Conditions of this permit, and shall include the following information:
 - a. All periods of time during which the scrubber liquor pH did not comply with the pH requirements specified above;
 - b. All periods of time during which the scrubber water flow rate did not comply with the water flow rate requirements specified above; and
 - c. All periods of downtime for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

E. Testing Requirements

1. Compliance with the emissions limitations specified in Section A.1. of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitation -
0.06 lb chlorine/hr

Applicable Compliance Method -
Compliance shall be determined by multiplying the maximum hourly usage rate by the control efficiency of the scrubber (1-0.99) .
 - b. Emission Limitation -
0.26 ton chlorine/yr

Applicable Compliance Method -
Compliance shall be based upon the record keeping requirements specified in Section C.3. and shall be sum of the daily chlorine usage rate for the calendar year and shall then be multiplied by (1 - 0.99) and divided by 2000 lbs/ton.

F. **Miscellaneous Requirements**

1. None