

Facility ID: 1318000864 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.

[Go to Part II for Emissions Unit P007](#)

[Go to Part II for Emissions Unit P008](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

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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>
Mix Process P-70, also A.2.1.	OAC 3745-31-05 (PTI #13-1511)	0.01 grain particulate matter per dry standard cubic foot of exhaust gas; 0.566 pound particulate matter per hour. 5% opacity as a 6-minute average.
	OAC 3745-17-07 (A) and OAC 3745-17-11	Less stringent than BAT

2. Additional Terms and Conditions

- (a) The operation covered by this emission unit consists of the blending of liquid waterbased raw materials with solids in mixing vessels to produce liquid household cleanser agents. The mixing vessels are equipped with baghouse control systems to control the particulate emissions generated during the addition of solids.

B. Operational Restrictions

1. The pressure drop across the baghouse shall be maintained within the range of 2.5 to 5 inches of water while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The applicant shall maintain an inventory of spare bags and parts used in each collector to provide for ready replacement in the event of bag failure.
2. The owner/operator shall inspect the fabric filters for leaks and visible emissions of particulate matter at least once a month during operation periods. Records of such inspections shall include at a minimum the date the inspection was conducted, any and all results obtained, any problems discovered, and any corrective action taken. Such records shall be maintained for a minimum of five years.
3. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on daily basis.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.

E. Testing Requirements

1. Compliance with the opacity limitaion in A.1 shall be determined using Method 9 pursuant to OAC 3745-17-03(B).
2. A stack test shall be performed at the request of Ohio EPA to determine compliance with the mass rate of particulate emissions limitations in A.1.

F. Miscellaneous Requirements

1. These terms and Conditions shall be posted at or near the emission unit.

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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>
Chlorine Rail Car Unloading System.	OAC 3745-31-05 (PTI #13-1713)	The chlorine detector/alarm system shall be set to detect all chlorine concentrations exceeding 3 ppm (three parts per million) in the exhaust from the rail car enclosure.(see A.2.b)

2. Additional Terms and Conditions

- (a) The operations covered by this emissions unit consist of the unloading of liquid chlorine from rail cars. The rail car unloading system shall be operated within a total enclosure which is equipped with a chlorine detector/alarm system which automatically activates a packed tower scrubber system in the event of chlorine detection.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. In order to ensure compliance with the applicable requirements, the chlorine detector/alarm system and packed tower scrubber control systems shall be inspected at least once a week to ensure proper operation. The chlorine detector/alarm system and the packed tower scrubber systems shall be maintained and operated in accordance with good engineering practices and the manufacturer's recommendations which includes startups, shutdowns, maintenance and repairs.
2. The electrolyte solution in the chlorine detector/alarm must be changed at least once a week with fresh solution.
3. Records of inspections and any corrective actions taken shall be kept in a bound notebook and shall be maintained for a minimum of five years and shall be made available to personnel from the Cleveland Bureau of Air Pollution Control (or any other agent of the Ohio EPA) upon request during normal business hours.

D. Reporting Requirements

1. None

E. Testing Requirements

1. None

F. Miscellaneous Requirements

1. These terms and Conditions shall be posted at or near the emission unit.