

Facility ID: 1431423764 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: 1431423764 Emissions Unit ID: P002 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>
liquid flavor reactor room with scrubbers	OAC rule 3745-31-05 (PTI 14-3824)	0.12 lb/hr of organic compounds (OC) 0.53 TPY of OC 0.001 lb/hr of particulate emissions (PE) 0.004 TPY of PE
	OAC rule 3745-21-07(G)(2)	The OC emission limitations from this rule are less stringent than those established by OAC rule 3745-31-05 (BAT).
	OAC rule 3745-17-07(A)(1)	See A.2.a.
	OAC rule 3745-17-11(B)(1)	The PE emission limitation established in this rule is less stringent than those established by OAC rule 3745-31-05 (BAT).

2. **Additional Terms and Conditions**
 - (a) Visible particulate emissions from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.
The hourly OC and PE emission limitations outlined above are based upon the emissions unit's potential to emit. Therefore, no hourly records are required to determine compliance with these limits.

B. Operational Restrictions

1. The dust control scrubber and the odor control scrubber shall be in operation during all production activities. All production shall cease if either of the scrubbers becomes inoperable.
2. The pH of the scrubber liquor for each scrubber shall be maintained within the range of 7.5 to 10 or an alternate operating range may be established after conducting a new performance test of the system and with the approval of the Hamilton County Department of Environmental Services.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to continuously monitor and record the pH of the scrubber liquor for each scrubber while the emissions unit is in operation. The pH monitor and recorder shall be calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.

The permittee shall collect and record the following information each day for each scrubber:

- a. The pH of the scrubber liquor, on a continuous basis.
- b. 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 pH deviation (excursion) reports that identify all periods of time during which the scrubber liquor pH in either or both scrubbers did not comply with the pH requirements specified above.

E. Testing Requirements

1. Compliance with the visible emissions limitation shall be determined by visible emission evaluations performed in accordance with OAC rule 3745-17-03(B)(1) using the methods and procedures specified in USEPA Reference

Method 9.

2. If testing is required to determine compliance with the hourly OC and PE emission limitations, the following methods shall be used:

For OC: Methods 25A or 25B of 40 CFR, Part 60, Appendix A
For PE: Method 5 of 40 CFR, Part 60, Appendix A

3. Compliance with the annual OC and PE emission limitations will be shown as long as compliance with the hourly OC and PE emission limitations is maintained (the annual OC and PE emission limitations were calculated by multiplying the maximum hourly OC and PE emission limitations (0.12 lb/hr and 0.001 lb/hr, respectively) by 8,760 hours and dividing by 2,000).

F. **Miscellaneous Requirements**

1. None