

Facility ID: 1431070501 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: 1431070501 Emissions Unit ID: P005 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>
(P005) - Spray Dryer	ORC 3704.03(T)(4)	See term and condition A.2.d.
	OAC rule 3745-31-05(A)(3) (PTI 14-05879)	Organic compound (OC) emissions shall not exceed 3.75 pounds per hour and 16.43 tons per year.
	OAC rule 3745-17-07(A)(1)	Visible emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11	Particulate emissions shall not exceed 1.62 pounds per hour.
	OAC rule 3745-21-07(G)	Exempt See term and condition A.2.b.

2. **Additional Terms and Conditions**
 - (a) The hourly and annual emission limitations outlined in term A.1. are based upon the emissions unit's potential to emit. Therefore, no records are required to demonstrate compliance with these limitations. The hourly and annual emission limitations outlined in term A.1. are based upon the emissions unit's potential to emit. Therefore, no records are required to demonstrate compliance with these limitations. Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by compliance with the OC emission limitations established in section A.1. The Best Available Technology (BAT) requirements under OAC rule 3745-31-05(A)(3) do not apply to the uncontrolled particulate emissions and particulate matter emissions with a diameter less than or equal to 10 microns (PM10) from this air contaminant source since the potential to emit for particulate emissions and PM10 is less than ten tons per year.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. Prior to employing any photochemically reactive material in this emissions unit, including any cleanup material that is a photochemically reactive material, the permittee shall provide written notification to the Hamilton County Department of Environmental Services. Such notification shall include information sufficient to determine compliance with the emission limits and/or control requirements specified in OAC rule 3745-21-07(G). This notification, at a minimum, shall include the company identification of the new material to be employed, the solvent composition of the material, and the maximum amount to be used, in pounds per hour, and pounds per day.

E. Testing Requirements

1. Compliance with the emission limitations in Section A.1 of these terms and conditions shall be determined in accordance with the following methods:
 - a. Emission Limitations:
Organic compound (OC) emissions shall not exceed 3.75 pounds per hour and 16.43 tons per year.

Applicable Compliance Method:

The hourly OC emission limitation is based on the emissions test performed on this emissions unit on August 8, 2006. Compliance with the annual OC limitation shall be determined by multiplying the maximum hourly OC emission rate by 8760 hours per year and dividing by 2000 lbs/ton.

- b. Emission Limitation:
Particulate emissions shall not exceed 1.62 pounds per hour.

Applicable Compliance Method:

The PE limitation is based on Table I in OAC rule 3745-17-11. Compliance with the emission limitation shall be determined by multiplying the uncontrolled PE emission factor of 0.35 lb/hour by one minus the control efficiency of the scrubber (1-0.90). The emission factor is based on an emission test of a similar emission unit having a maximum production rate (500 lb/hr).

c. Emission Limitation:

Visible emissions from any stack shall not exceed 20 percent opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

F. **Miscellaneous Requirements**

1. None