Facility ID: 1413020014 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: 1413020014 Emissions Unit ID: P002 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Nichols Spray Dryer with baghouse	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% percent opacity, as a six- minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1) (Table I)	2.22 lbs of PE/hr

2. **Additional Terms and Conditions**

   (a) This emissions unit shall not be operated without the use of the dust collection system and baghouse.

B. **Operational Restrictions**

1. All PE from this emissions unit shall be captured and vented to the baghouse.

C. **Monitoring and/or Record Keeping Requirements**

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

   a. the color of the emissions;
   b. whether the emissions are representative of normal operations;
   c. the cause of the visible emissions;
   d. the total duration of any visible emission incident; and
   e. any corrective actions taken to eliminate the visible emissions.

D. **Reporting Requirements**

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Hamilton County Department of Environmental Services by January 31 and July 31 of each year and shall cover the previous 6-month period.

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.
   Emission Limitation:
   Visible PE shall not exceed 20 percent opacity, as a 6-minute average, except as specified by rule.

   Applicable compliance method:
   Compliance with the visible PE limitation shall be determined pursuant to the method specfied in OAC rule 3745-17-03(B)(1).
   Emission Limitation:
   2.22 lbs of PE/hr

   Applicable Compliance Method:
   The permittee shall use either the following formula or emission testing (if required) to determine compliance with the hourly PE limitation:

PE (lbs/hr) = 90 lbs of PE/ton of product* x maximum tons of product/hr x (1-.97)**

* emission factor from AP-42, Fifth Edition, Volume 1, Table 6.8-1 (soap and detergents), 7/93 (reformatted 1/95)

** The fractional control efficiency (0.97) is based upon data supplied by the facility.

If emission testing is required to demonstrate compliance with the above PE limitation, the permittee shall use Methods 1 through 5 of 40 CFR, Part 60, Appendix A, as specified in OAC rule 3745-17-03(B)(10).

F. **Miscellaneous Requirements**

1. None