Facility ID: 0812100276 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: 0812100276 Emissions Unit ID: P027 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
P027 - Palmer No Bake Mold Sand Mixer	OAC rule 3745-31-05(A)(3) PTI 08-04462	Organic compound (OC) emissions from this emissions unit shall not exceed 117.0 lbs/day. The requirements of this rule also include compliance with the requirements of OAC rules 3745-21-07(G)(2) and 3745-35-07(B).
	OAC rule 3745-35-07(B) (Synthetic Minor to avoid Title V permitting)	OC shall not exceed 21.35 tons per rolling 365-day period. See A.2.a. and B.1.
	OAC rule 3745-21-07(G)(2)	This unit is exempt from this rule pursuant to OAC rule 3745-21-07(G)(9)(i).

2. **Additional Terms and Conditions**

   (a) With the issuance of the FESOPs for emissions units F015 and K002 and the issuance of Synthetic Minor PTI 08-04462 (issued 8/14/2003) for emissions units F010, F013, P027, and P029 the total allowable VOC emissions from these emissions units shall not exceed 42.0 tons per rolling, 365-day period.

B. **Operational Restrictions**

1. The annual amount of sand handled shall not exceed 36,500 tons, based upon a rolling, 365-day summation.

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

1. The permittee shall maintain daily records of the following information for this emissions unit:

   a. The amount of sand handled, in tons.

   b. The rolling, 365-day summation of the amount of sand handled, in tons.

   c. The calculated OC and rolling 365-day summation of OC, in tons.

D. **Reporting Requirements**

1. The permittee shall submit quarterly deviation (excursion) reports that identify all exceedances of the rolling, 365-day limitation on sand handled, in tons, as specified in section B.1 of this permit. The permittee shall submit quarterly deviation (excursion) reports in accodance with the General Terms and Conditions.

2. The permittee shall submit annual reports, for this emissions unit, which specify the following:

   a. The total OC, in tons based upon a rolling 365-day summation.

   b. The amount of sand handled, in tons based upon a rolling 365-day summation.

   These reports shall be submitted by January 31 of each year and shall cover the previous calendar year.

E. **Testing Requirements**

1. Compliance with the emission limitation(s) of these terms and conditions shall be determined in accordance with

the following method(s):

a. Emission Limitation-
117.0 lbs/day OC

Applicable Compliance Method-
Compliance shall be based upon the record keeping requirements as specified in Section C.1. The daily amount of sand handled, in tons, shall be multiplied by the emission factor of 1.17 lbs OC/ton sand handled (1998 EPA and OCMA guidance document).

b. Emission Limitation-
21.35 TPY OC, as a rolling 365-day summation.

Applicable Compliance Method-
Compliance shall be determined by summing the daily emission calculations for the 365-day period and dividing by 2000 lbs/ton.

F. **Miscellaneous Requirements**

1. None