

Facility ID: 0664000005 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: 0664000005 Emissions Unit ID: P902 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>
Shuttle Kiln #8	OAC 3745-31-05	0.06 lb/hr sulfur dioxide (SO ₂)
	See F.1.	
	OAC 3745-17-11	1.02 lbs/hr particulate matter (PM)
	See F.1.	
	OAC 3745-18-06	Less stringent than the emission limit established pursuant to OAC rule 3745-31-05.
	See F.1.	

2. Additional Terms and Conditions

- (a) Yearly emissions shall not exceed 4.47 tons PM and 0.26 ton SO₂. These limitations were established for PTI purposes to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with these limits. The permittee shall employ good operating practices to minimize emissions from the kiln.

B. Operational Restrictions

1. Only natural gas shall be fired in the kiln.

C. Monitoring and/or Record Keeping Requirements

1. None

D. Reporting Requirements

1. None

E. Testing Requirements

1. Compliance with the particulate matter emission limit of 1.02 lbs PM/hr shall be determined in accordance with the test methods and procedures specified in 40 CFR, Part 60, Appendix A. No testing is specifically required by this permit but, if appropriate, may be requested pursuant to OAC rule 3745-15-04(A).
2. Compliance with the sulfur dioxide emission limit of 0.06 lb SO₂/hr shall be determined by using the AP-42* emission factor of 0.6 lb SO₂/MMBtu in the following equation:

$$(0.6 \text{ lb SO}_2/\text{MMBtu}) \times (\text{the maximum hourly natural gas usage rate, in cubic feet/hr}) \times (1000 \text{ MMBtu/cubic feet of natural gas})$$

*AP-42, Fifth Edition, Volume I, Chapter 1, External Combustion Sources, Table 1.4-2.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements contained in permit to install number 06-4768 issued for this emissions unit on April 17, 1996: A.1, A.2, and B.1.