

Facility ID: 0125040831 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: 0125040831 Emissions Unit ID: P901 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>
Sand and gravel dryer controlled by a baghouse	OAC rule 3745-31-05 and see F.1.	1.40 lbs Particulate Emissions/Hr 0.01 lb SO ₂ /Hr 0.04 lb OC/Hr 0.80 lb NO _x /Hr 0.16 lb CO/Hr
		See B below.
		The outlet grain loading shall not exceed 0.02 gr/dscf or there shall be no visible emissions.
	OAC rule 3745-17-07(A)(1) and see F.1.	The limit established by BAT is more stringent than that established by this rule.
	OAC rule 3745-17-11(B) and see F.1.	The limit established by BAT is more stringent than that established by this rule.

2. **Additional Terms and Conditions**
 - (a) None

B. Operational Restrictions

1. This emissions unit shall be controlled by a baghouse. The baghouse shall operate while this emissions unit is in operation.
2. To ensure the baghouse is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop across the baghouse within the range of 5 to 10 inches of water shall be maintained at all times.
3. The permittee shall operate and maintain this emissions unit in accordance with the Preventative Maintenance and Malfunction Abatement Plan submitted to the Ohio EPA, Central District Office on March 19, 1997.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the baghouse while the emissions unit is in operation. The monitoring equipment shall be installed, calibrated, operated, and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall record the pressure drop across the baghouse on a daily basis and shall maintain daily records of the pressure drop readings.

D. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports which identify all exceedances of the above-mentioned allowable pressure drop range.

E. Testing Requirements

1. Emission Limitation:
1.4 lbs Particulate Emissions/Hr

Applicable Compliance Method:
Compliance with this emission limit shall be determined by multiplying an emission factor of 35 lbs/ton, developed during the compliance demonstration conducted on August 7, 1997, by the control efficiency of the

baghouse and the emission unit's maximum process weight rate of 40 tons/hour.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 5 and the procedures specified in OAC rule 3745-17-03(B)(9).

2. Emission Limitation:
0.01 lb SO₂/Hr

Applicable Compliance Method:

Compliance with this emission limit for SO₂ shall be determined by multiplying an emission factor of 0.0002 lb/ton, developed during the compliance demonstration conducted on August 7, 1997, by the emissions unit's maximum process weight rate of 40tons/hour.

If required, the permittee shall demonstrate compliance with this emission limitation through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 6.

3. Emission Limitation
0.020 gr/dscf or no visble emissions

Applicable Compliance Method:

Compliance with the visible emissions requirement shall be determined in accordance with 40 CFR Part 60. appendix A Method 22.

If required, compliance with this particulate mass emission limitation shall be based on stack testing performed in accordance with 40 CFR Part 60. appendix A Methods 1-5.

4. Emission Limitations:
0.04 lb OC/Hr
0.80 lb NO_x/Hr
0.16 lb CO/Hr.

Applicable Compliance Method:

Compliance with the emission limits for OC, NO_x and CO shall be determined by multiplying the emission factors of 0.001 lb/ton, 0.02 lb/ton, 0.004 lb/ton, respectively, developed from AIRS Subsystem Source Classification Code, by the emission unit's maximum process weight rate of 40 tons/hour.

If required, the permittee shall demonstrate compliance with the emission limitations through emission tests performed in accordance with 40 CFR Part 60, Appendix A, Methods 1 through 4 and 25 for OC, Methods 1 through 4 and 7 for NO_x, and Methods 1 through 4 and 10 for CO.

F. Miscellaneous Requirements

1. The following terms and conditions shall supersede all the air pollution control requirements for this emissions unit contained in permit to install 01-5133 as issued on August 17, 1994: A.I through E.3.