Facility ID: 1652100024 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: 1652100024 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.

Operations, Property, and/or Equipment	Applicable Rules/Requirements	Applicable Emissions Limitations/Control Measures
Sand unloading/storage, mold sand prep/making--pneumatic conveying and storage of sand--two sand storage tanks, sand muller/mixer	OAC rule 3745-17-07	20% opacity as a 6-minute average, except as provided by rule, for stack emissions 20% opacity as a 3-minute average, for fugitive emissions
	OAC rule 3745-17-08	.030 gr/dscf of particulate matter See Section A.2.a below.
	OAC rule 3745-17-11	6.52 lbs/hr of particulate matter

2. **Additional Terms and Conditions**

   (a) The storage silos shall be equipped with a fabric filter to control particulate emissions from the pneumatic conveying of sand from carrier to silos. Mold sand preparation and mold makeup equipment shall be of a design, and shall be operated in a manner, which minimizes fugitive dust emissions.

B. **Operational Restrictions**

1. The fabric filter shall be operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s).

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

1. None

D. **Reporting Requirements**

1. None

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:

   20% opacity as a 6-minute average, except as provided by rule, for stack emissions

   Applicable Compliance Method:

   OAC rule 3745-17-03(B)(1)
   Emission Limitation:

   20% opacity as a 3-minute average, for fugitive emissions

   Applicable Compliance Method:

   OAC rule 3745-17-03(B)(3)
   Emission Limitation:

6.52 lbs/hr of particulate matter

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(10).
Emission Limitation:

.030 gr/dscf of particulate matter

Applicable Compliance Method:

If required, compliance with this mass emission limitation shall be based on stack testing per OAC rule 3745-17-03(B)(7).

F. **Miscellaneous Requirements**

1. None