

Facility ID: 1409080017 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: 1409080017 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>
Rotary dryer, hot aggregate elevator, vibrating screens, and weigh hopper	OAC 3745-35-07	The particulate emission rate from the discharge of the fabric filter stack shall not exceed 45 pounds per hour, 0.2 pound per ton of asphalt produced, and 55 tons per year.
Aggregate storage bins and cold aggregate conveyor and Reclaimed Asphalt Pavement (RAP) conveyor	OAC 3745-17-07(B)(1)	See T&C A.2.a. Less than or equal to 20 percent opacity, as a three-minute average, for the aggregate storage bins and cold aggregate and RAP conveyors.
	OAC 3745-17-08(B)	When unloading aggregate to the storage bins the drop height of the front end loader bucket shall be minimized to the extent possible in order to minimize or eliminate visible emissions of fugitive dust. The moisture content of all RAP and aggregate materials shall be sufficient to minimize or eliminate emissions of fugitive dust.
	OAC 3745-17-11(B) OAC 3745-17-07(A)	See T&C A.2.b. Less stringent than OAC 3745-35-07 allowable. Less than or equal to 20 percent opacity, as a six-minute average, for the exhaust gases from the baghouse stack, except as provided by rule.

2. Additional Terms and Conditions

- (a) The emissions of carbon monoxide (CO) from this emissions unit shall not exceed 0.34 lb/ton of asphalt produced and 93.5 TPY. There shall be no visible emissions of fugitive dust from the enclosures for the hot aggregate elevator, vibrating screens, and the weigh hopper.

B. Operational Restrictions

1. Annual total production of asphalt shall not exceed 550,000 tons per year. In order to ensure federal enforceability for the first twelve calendar months of operation following the issuance of this permit, Don S. Cisle Contractors, Inc. shall not exceed the following:

Month Maximum Allowable
Cumulative Asphalt Production

- 1-5 229,167
- 1-6 275,000
- 1-7 320,833
- 1-8 366,667
- 1-9 412,500
- 1-10 458,333
- 1-11 504,167
- 1-12 550,000

After the first twelve calendar months of operation following the issuance of this permit, compliance with the annual production limitation shall be based upon a rolling twelve-month summation.

2. To ensure the fabric filter is operated according to the manufacturer's specifications and to maintain compliance with the allowable particulate emission rate, a pressure drop of not less than 2 or greater than 7 inches of water shall be maintained at all times.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain the existing monitoring device for the pressure drop across the fabric filter.

The permittee shall check the pressure drop once a day and maintain daily records of the pressure drop readings.
2. The permittee shall maintain monthly records of the total amount of asphalt produced. After the first twelve calendar months of operation following the issuance of this permit, the permittee shall also record the rolling twelve-month asphalt production summation for each month.

D. Reporting Requirements

1. The permittee shall submit semi-annual pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above. These semi-annual reports shall be submitted by January 30 and July 30 of each year and shall cover the previous six calendar months.
2. The permittee shall submit semi-annual reports indicating any exceedances of the above-mentioned asphalt production limits along with the cause of the exceedance and corrective action taken to prevent further exceedances. The semi-annual reports shall be submitted by January 30 and July 30 of each year and shall cover the previous six calendar months.

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:
 - a. Compliance with the visible emissions from the baghouse stack shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(1).
 - b. Compliance with the fugitive visible particulate emissions shall be demonstrated by the methods outlined in OAC 3745-17-03(B)(3).
 - c. Compliance with the allowable lb/ton emission rate for particulates from the baghouse stack shall be determined by Method 5 of 40 CFR Part 60, Appendix A.
 - d. Compliance with the allowable TPY for particulates from the baghouse stack shall be determined by multiplying the lb/ton emission factor from the latest stack test times the annual amount of asphalt produced, and times 0.0005 ton/lb.
 - e. Compliance with the allowable lb/ton emission rate for CO shall be determined by Method 10 of 40 CFR Part 60, Appendix A.
 - f. Compliance with the allowable TPY for CO shall be determined by multiplying the lb/ton emission factor from the latest stack test times the annual production of asphalt, and times 0.0005 ton/lb.
2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 6 months after issuance of this permit and within 6 months prior to permit renewal.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable emission rates of 0.2 lb/ton and 45 lbs/hr of particulates and to demonstrate compliance with the allowable emission rate of 0.34 lb/ton of CO.
 - c. The following test method(s) shall be employed to demonstrate compliance with the allowable mass emission rate(s): Method 5 of 40 CFR Part 60, Appendix A and Method 10 of 40 CFR part 60, Appendix A. Alternative U.S. EPA approved test methods may be used with prior approval from the Ohio EPA.
 - d. The test(s) shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the appropriate Ohio EPA District Office or local air agency.
3. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the appropriate Ohio EPA District Office or local air agency. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the Ohio EPA District Office's or local air agency's refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA District Office or local air agency shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

F. Miscellaneous Requirements

1. The following terms and conditions in this permit to operate are federally enforceable requirements: A-F.