

Facility ID: 1431320434 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: 1431320434 Emissions Unit ID: P003 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>
P003 - Shredder and baler for corrugated scrap with cyclone - Modification	OAC rule 3745-31-05(A)(3) PTI 14-05720	Particulate emissions (PE) and particulate matter 10 microns and less in diameter (PM10) shall not exceed 5.96 pounds per hour and 8.50 TPY. See terms and conditions B.1 and B.2.
	OAC rule 3745-17-07(A)	The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(A). Visible particulate emissions shall not exceed 20 percent opacity as a six-minute average, except as specified by rule.
	OAC rule 3745-17-11(A)	The emission limitation specified by this rule is equally stringent to the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**
 - (a) Compliance with OAC rule 3745-31-05(A)(3) shall be demonstrated by the visible and mass emission limitations and scrap throughput rate limitations.

B. Operational Restrictions

1. The maximum hourly throughput rate of baled paperboard scrap for this emissions unit shall not exceed 1.75 tons.
2. The maximum annual throughput rate of baled paperboard scrap for this emissions unit shall not exceed 5000 tons.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain daily records that document the baled paperboard scrap by the shredder/baler for emissions unit P003. To ensure compliance, the permittee shall keep daily records of the following:
 - a. The weight of each finished scrap paperboard bale.
 - b. The total weight of all scrap bales per day.
 - c. The hours of operation when any scrap paperboard is fed to the cyclone/shredder/baler system.
 - d. The average hourly throughput to the baler, (b / c).
Compliance with the allowable amount of baled paperboard scrap per hour (1.75 tons per hour) ensures compliance with the allowable emissions limits in Section A. of this permit.
2. The permittee shall maintain monthly records that document the baled paperboard scrap processed by the shredder/baler, emissions unit P003.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any day during which the baled paperboard scrap limitation listed in term and condition B.1 was exceeded.

2. The deviation reports shall be submitted in accordance with the reporting requirements specified in Part I - General Terms and Conditions of this permit. If no deviations occurred during the reporting period, the permittee shall state so in the report.
3. The permittee shall submit annual reports which specify the amount of baled paperboard scrap processed by the shredder/baler. These reports shall be submitted by January 30 of each year and cover the previous calendar year.

E. Testing Requirements

1. Compliance with the emission limitations in Section A of these terms and conditions shall be determined in accordance with the following methods:

Emission Limitation:

Visible particulate emissions shall not exceed 20% opacity as a six-minute average, except as specified by rule.

Applicable Compliance Method:

Compliance shall be determined through visible emission observations performed in accordance with 40 CFR Part 60, Appendix A, Method 9 and the procedures specified in OAC rule 3745-17-03(B)(1).

Emission Limitations:

Particulate emissions (PE) and particulate matter 10 microns and less in diameter (PM10) shall not exceed 5.96 pounds per hour and 8.50 TPY.

Applicable Compliance Methods:

The hourly particulate emission rate from the shredder/baler is based on the allowable emissions rate from OAC rule 3745-17-11, Table I. The hourly allowable emissions rate was calculated by: $(4.1) \times (1.75 \text{ tons per hour}) \wedge 0.67$ equals 5.96 pounds PE emitted per hour. PM10 emissions are assumed equivalent to the PE.

The annual emissions limit was calculated by: $(5000 \text{ tons of scrap throughput / year}) \times (3.4 \text{ lbs of PE}^* / \text{ton of scrap}) \times (1 \text{ ton}/2000 \text{ lbs})$ equals 8.50 tons of PE per year.

* this emission factor was supplied by the facility and is based on manufacturer specifications.

2. Compliance with the maximum hourly throughput rate limitation of baled paperboard scrap in this emissions unit in term and condition B.1 shall be demonstrated by the monitoring and recordkeeping required in term and condition C.1.
3. Compliance with the maximum annual throughput rate limitation of baled paperboard scrap in this emissions unit in term and condition B.2 shall be demonstrated by the monitoring and record keeping required in term and condition C.2.

F. Miscellaneous Requirements

1. None