

Facility ID: 1677100024 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.

- [Go to Part II for Emissions Unit F001](#)
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Facility ID: 1677100024 Emissions Unit ID: F001 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>
F001 - Handling plastic color concentrates	OAC rule 3745-31-05(A)(3) PTI 16-878 Issued 04/10/1991	0.25 pound of particulate emissions (PE) per hour 1.1 tons of PE per year
		See A.2.a below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack, vent or building opening shall not exceed twenty percent opacity, as a six-minute average.
	OAC rule 3745-17-08 OAC rule 3745-17-11(A)(2)	See A.2.a below. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The permittee shall employ best available technology (BAT) to control particulate emissions from this emissions unit. The control technology shall include the following:
 - i. the installation and employment of a fabric filter (baghouse), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions; and
 - ii. the installation and employment of hoods, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate emissions to a baghouse.
 - iii. emissions from the outlet of the baghouse shall not exceed 0.03 grains per dry standard cubic foot, or no visible emissions whichever is less stringent.

B. Operational Restrictions

1. The permittee shall not add any solvents or liquid volatile organic compounds in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.
- D. **Reporting Requirements**
 - 1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.
- E. **Testing Requirements**
 - 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation
 - 0.25 pound of PE per hour
 - 0.03 grains per dry standard cubic foot PE

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation

 - 1.1 tons of PE per year

Applicable Compliance Method

Multiply the hourly PE emission rate by 8760 hours per year, the hourly emissions rate may have to be determined by conducting a stack test if necessary.

Emission Limitation

 - 20% opacity as a six-minute average

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B).
- F. **Miscellaneous Requirements**
 - 1. None

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Facility ID: 1677100024 Emissions Unit ID: F002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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- 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>
F002 - Product Mills #1 through #3, Henschel weigh station, pre-blender	OAC rule 3745-31-05(A)(3) PTI 16-878 Issued 04/10/1991	0.25 pound of particulate emissions (PE) per hour 1.1 tons of PE per year See A.2.a below.

OAC rule 3745-17-07(A)	Visible particulate emissions from any stack, vent or building opening shall not exceed twenty percent opacity, as a six-minute average.
OAC rule 3745-17-08	See A.2.a below.
OAC rule 3745-17-11(A)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The permittee shall employ best available technology (BAT) to control particulate emissions from this emissions unit. The control technology shall include the following:
 - i. the installation and employment of a fabric filter (baghouse), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions; and
 - ii. the installation and employment of hoods, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate emissions to a baghouse.
 - iii. emissions from the outlet of the baghouse shall not exceed 0.03 grains per dry standard cubic foot, or no visible emissions whichever is less stringent.

B. Operational Restrictions

- 1. The permittee shall not add any solvents or liquid volatile organic compounds in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

- 1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

- 1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - Emission Limitation
 - 0.25 pound of PE per hour
 - 0.03 grains per dry standard cubic foot PE
 - Applicable Compliance Method
 - If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).
 - Emission Limitation
 - 1.1 tons of PE per year
 - Applicable Compliance Method
 - Multiply the hourly PE emission rate by 8760 hours per year, the hourly emissions rate may have to be determined by conducting a stack test if necessary.
 - Emission Limitation
 - 20% opacity as a six-minute average
 - Applicable Compliance Method
 - If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B).

F. Miscellaneous Requirements

- 1. None

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Facility ID: 1677100024 Emissions Unit ID: P002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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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>
P002 - Extruder	OAC rule 3745-31-05(A)(3) PTI 16-02328 Issued 11/20/2003	0.25 pound of particulate emissions (PE) per hour 1.1 tons of PE per year
	OAC rule 3745-17-07(A)	See A.2.a below. Visible particulate emissions from any stack, vent or building opening shall not exceed twenty percent opacity, as a six-minute average.
	OAC rule 3745-17-08 OAC rule 3745-17-11(A)(2)	See A.2.a below. The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The permittee shall employ best available technology (BAT) to control particulate emissions from this emissions unit. The control technology shall include the following:
 - i. the installation and employment of a fabric filter (baghouse), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions; and
 - ii. the installation and employment of hoods, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate emissions to a baghouse.
 - iii. emissions from the outlet of the baghouse shall not exceed 0.03 grains per dry standard cubic foot, or no visible emissions whichever is less stringent.

B. Operational Restrictions

1. The permittee shall not add any solvents or liquid volatile organic compounds in this emissions unit.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective

actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. Testing Requirements

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
Emission Limitation

0.25 pound of PE per hour
0.03 grains per dry standard cubic foot PE

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).
Emission Limitation

1.1 tons of PE per year

Applicable Compliance Method

Multiply the hourly PE emission rate by 8760 hours per year, the hourly emissions rate may have to be determined by conducting a stack test if necessary.
Emission Limitation

20% opacity as a six-minute average

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B).

F. Miscellaneous Requirements

1. None

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Facility ID: 1677100024 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 - Blender, Dump Mill, and Screw Extruder Line	OAC rule 3745-31-05(A)(3) PTI 16-02328 Issued 11/20/2003	0.25 pound of particulate emissions (PE) per hour
		1.1 tons of PE per year
		See A.2.a below.
	OAC rule 3745-17-07(A)	Visible particulate emissions from any stack, vent or building opening shall not exceed twenty percent opacity, as a six-minute average.
	OAC rule 3745-17-08	See A.2.a below.
	OAC rule 3745-17-11(A)(2)	The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

2. **Additional Terms and Conditions**

- (a) The permittee shall employ best available technology (BAT) to control particulate emissions from this emissions unit. The control technology shall include the following:
- i. the installation and employment of a fabric filter (baghouse), in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately control particulate emissions; and
 - ii. the installation and employment of hoods, fans, and other equipment, in accordance with the manufacturer's recommendations, instructions, and operating manual(s), to adequately enclose, contain, capture, and vent particulate emissions to a baghouse.
 - iii. emissions from the outlet of the baghouse shall not exceed 0.03 grains per dry standard cubic foot, or no visible emissions whichever is less stringent.

B. **Operational Restrictions**

1. The permittee shall not add any solvents or liquid volatile organic compounds in this emissions unit.

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

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible particulate emissions from the stack serving this emissions unit. The presence or absence of any visible emissions shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

D. **Reporting Requirements**

1. The permittee shall submit semiannual written reports which (a) identify all days during which any visible particulate emissions were observed from the stack serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible particulate emissions. These reports shall be submitted to the Director (the appropriate Ohio EPA District Office or local air agency) by January 31 and July 31 of each year and shall cover the previous 6-month period.

E. **Testing Requirements**

1. Compliance with the emission limitation(s) in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):

Emission Limitation

0.25 pound of PE per hour
0.03 grains per dry standard cubic foot PE

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B)(10).

Emission Limitation

1.1 tons of PE per year

Applicable Compliance Method

Multiply the hourly PE emission rate by 8760 hours per year, the hourly emissions rate may have to be determined by conducting a stack test if necessary.

Emission Limitation

20% opacity as a six-minute average

Applicable Compliance Method

If required, compliance with the allowable emission limitation shall be determined in accordance with test method(s) and procedures specified in OAC rule 3745-17-03(B).

F. **Miscellaneous Requirements**

1. None