

Facility ID: 1652010050 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.

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[Go to Part II for Emissions Unit P902](#)

THIS IS NOT AN OFFICIAL VERSION OF THE PERMIT. SEE PAGE 1 FOR ADDITIONAL INFORMATION

Facility ID: 1652010050 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> |
|---|--------------------------------------|--|
| P901 - Extruder line 1 - mixer, feed hopper, screwfeeder, extruder, chill belt with kibbler, and a cartridge type dust collector. | OAC rule 3745-31-05(A)(3) | 0.31 pound of particulate emissions (PE) per hour |
| | (PTI 16-02102) | 1.36 tons of PE per year |
| | | The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08. |
| | OAC rule 3745-17-07(A) | The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-17-08. |
| | OAC rule 3745-17-07(B) | Visible emissions of fugitive dust shall not exceed twenty percent opacity, as a three-minute average. |
| | OAC rule 3745-17-08 | See A.2.a below. |
| | OAC rule 3745-17-11 | 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 install and use hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the fugitive dust. Such equipment shall meet the following requirements:
 - i. The collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design; and
 - ii. There shall be no visible particulate emissions from the exhaust stack of the cartridge type dust collector.

B. Operational Restrictions

1. The pressure drop across the cartridge type dust collector shall be maintained within the range of 0.5 to 8 inches of water while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the cartridge type dust collector 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 cartridge type dust collector on daily basis.

D. Reporting Requirements

1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the cartridge type dust collector did not comply with the allowable range specified above.
2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and

Conditions of this permit.

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

0.31 pound of PE per hour

Applicable Compliance Method

Stack testing may be required in the future in accordance with the procedures and test method(s) in OAC rule 3745-17-03(B)(10).
Emission Limitation

1.36 tons of PE per year

Applicable Compliance Method

Compliance shall be determined by multiplying the hourly particulate emissions limitation by 8760 hours per year, and then dividing by 2000 pounds per ton.
Emission Limitation

twenty percent opacity, as a three-minute average.

Applicable Compliance Method

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

No visible particulate emissions from the exhaust stack

Applicable Compliance Method

OAC rule 3745-17-03(B)(4)

F. Miscellaneous Requirements

1. None

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Facility ID: 1652010050 Emissions Unit ID: P902 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> |
|---|--|--|
| P902 - Grinder line 1 - air classification mill, cyclone separator, screener, process baghouse dust collector, fan, quality control spray booth, and a cartridge type dust collector. | OAC rule 3745-31-05(A)(3) (PTI 16-02102) | 0.38 pound of particulate emissions (PE) per hour |
| | | 1.66 tons of PE per year |
| | | The requirements of this rule also include compliance with the requirements of OAC rule 3745-17-07(B) and OAC rule 3745-17-08. |
| | OAC rule 3745-17-07(A) | The visible emission limitation specified by this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-17-08. |

OAC rule 3745-17-07(B)

Visible emissions of fugitive dust shall not exceed twenty percent opacity, as a three-minute average. See A.2.a below.

OAC rule 3745-17-08

OAC rule 3745-17-11

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 install and use hoods, fans, and other equipment to adequately enclose, contain, capture, vent and control the fugitive dust. Such equipment shall meet the following requirements:
 - i. The collection efficiency shall be sufficient to minimize or eliminate visible particulate emissions of fugitive dust at the point(s) of capture to the extent possible with good engineering design; and
 - ii. There shall be no visible particulate emissions from the exhaust stack of the cartridge type dust collector and from the exhaust stack of the process baghouse dust collector.

B. Operational Restrictions

- 1. The pressure drop across the cartridge type dust collector shall be maintained within the range of 0.5 to 8 inches of water while the emissions unit is in operation.
- 2. The pressure drop across the process baghouse dust collector shall be maintained within the range of 0.5 to 8 inches of water while the emissions unit is in operation.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall properly install, operate, and maintain equipment to monitor the pressure drop across the cartridge type dust collector and the process baghouse dust collector 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 cartridge type dust collector and the process baghouse dust collector on daily basis.

D. Reporting Requirements

- 1. The permittee shall submit pressure drop deviation (excursion) reports that identify all periods of time during which the pressure drop across the cartridge type dust collector or the process baghouse dust collector did not comply with the allowable range specified above.
- 2. The deviation reports shall be submitted in accordance with the requirements specified in the General Terms and Conditions of this permit.

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
 - 0.38 pound of PE per hour
 - Applicable Compliance Method
 - Stack testing may be required in the future in accordance with the procedures and test method(s) in OAC rule 3745-17-03(B)(10).
 - Emission Limitation
 - 1.66 tons of PE per year
 - Applicable Compliance Method
 - Compliance shall be determined by multiplying the hourly particulate emissions limitation by 8760 hours per year, and then dividing by 2000 pounds per ton.
 - Emission Limitation
 - twenty percent opacity, as a three-minute average.
 - Applicable Compliance Method
 - OAC rule 3745-17-03(B)(3)
 - Emission Limitation
 - No visible particulate emissions from the exhaust stack
 - Applicable Compliance Method
 - OAC rule 3745-17-03(B)(4)

F. Miscellaneous Requirements

- 1. None