

Facility ID: 0320010024 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 F004](#)
- [Go to Part II for Emissions Unit F005](#)
- [Go to Part II for Emissions Unit F006](#)

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Facility ID: 0320010024 Emissions Unit ID: F004 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
106 TPH Scrap metal crusher w/ water spray syst.	PTI # 03-9166	Fugitive Particulate Matter- 1.13 lbs/hr *
	3745-17-07(B)(1)	See Additional Terms and Conditions**
	3745-17-08(B)	

**2. Additional Terms and Conditions**

- (a) Visible emissions from this emissions unit shall not exceed 20% opacity as a three-minute average. To ensure compliance with the opacity restrictions, a water spray system shall be operated on an "as needed" basis.
 

\* The fugitive particulate matter limitations for this unit were established utilizing AP-42 emission factors for aggregate processing operations. These emission factors were the only factors available to estimate emissions from the crushing of metal borings and turnings. A 98% control efficiency was applied to the estimated emissions to arrive at the limits established in this permit. Ohio EPA will consider this emissions unit to be in compliance with these mass emissions limitations as long as compliance is maintained with the opacity limit of this permit.

\*\* The use of water for fugitive dust control during periods when the temperature drops below freezing shall be at the company's discretion. If the company chooses not to use water, another suitable dust suppressant must be utilized and/or work practices implemented, which effectively control fugitive dust in lieu of a dust suppressant.

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance Methods Requirements:
 

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

Emission Limitation:  
20% opacity

Applicable Compliance Method:  
OAC rule 3745-17-03(B)(3)

Emission Limitation:

1.13 lbs PM/hr

Applicable Compliance Method:

As long as compliance with the 20% opacity as a three-minute average is maintained, compliance with the 1.13 lbs PM/hr emissions limit will be maintained.

**F. Miscellaneous Requirements**

1. None

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**Facility ID: 0320010024 Emissions Unit ID: F005 Issuance type: Final State Permit To Operate**

[Go to the top of this document](#)

**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>
50 TPH Scrap metal screening operation w/ water spray system	PTI # 03-9166  3745-17-07(B)(1)  3745-17-08(B)	Fugitive Particulate Matter- 0.83 lb/hr *  See Additional Terms and Conditions**

**2. Additional Terms and Conditions**

(a) Visible emissions from this emissions unit shall not exceed 10% opacity as a three-minute average. To ensure compliance with the opacity restrictions, a water spray system shall be operated on an "as needed" basis.

\* The fugitive particulate matter limitations for this unit were established utilizing AP-42 emission factors for aggregate processing operations. These emission factors were the only factors available to estimate emissions from the screening of metal borings and turnings. A 98% control efficiency was applied to the estimated emissions to arrive at the limits established in this permit. Ohio EPA will consider this emissions unit to be in compliance with these mass emissions limitations as long as compliance is maintained with the opacity limit of this permit.

\*\* The use of water for fugitive dust control during periods when the temperature drops below freezing shall be at the company's discretion. If the company chooses not to use water, another suitable dust suppressant must be utilized and/or work practices implemented, which effectively control fugitive dust in lieu of a dust suppressant.

**B. Operational Restrictions**

1. None

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

1. None

**D. Reporting Requirements**

1. None

**E. Testing Requirements**

1. Compliance Methods Requirements:

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

Emission Limitation:  
10% opacity

Applicable Compliance Method:  
 OAC rule 3745-17-03(B)(3)  
 Emission Limitation:  
 0.83 lb PM/hr

Applicable Compliance Method:  
 As long as compliance with the 10% opacity as a three-minute average is maintained, compliance with the 0.83 lb pm/hr emissions limit will be maintained.

**F. Miscellaneous Requirements**

- 1. None

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Facility ID: 0320010024 Emissions Unit ID: F006 Issuance type: Final State Permit To Operate

[Go to the top of this document](#)

**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>
11 TPH Scrap metal shearing operation w/ water spray syst.	PTI # 03-9166  3745-17-07(B)(1)  3745-17-08(B)	Fugitive Particulate Matter- 0.034 lb/hr *  See Additional Terms and Conditions**

**2. Additional Terms and Conditions**

- (a) Visible emissions from this emissions unit shall not exceed 10% opacity as a three-minute average. To ensure compliance with the opacity restrictions, a water spray system shall be operated on an "as needed" basis.
  - \* The fugitive particulate matter limitations for this unit were established utilizing AP-42 emission factors for aggregate processing operations. These emission factors were the only factors available to estimate emissions from the shearing of metal borings and turnings. A 98% control efficiency was applied to the estimated emissions to arrive at the limits established in this permit. Ohio EPA will consider this emissions unit to be in compliance with these mass emissions limitations as long as compliance is maintained with the opacity limit of this permit.
  - \*\* The use of water for fugitive dust control during periods when the temperature drops below freezing shall be at the company's discretion. If the company chooses not to use water, another suitable dust suppressant must be utilized and/or work practices implemented, which effectively control fugitive dust in lieu of a dust suppressant.

**B. Operational Restrictions**

- 1. None

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

- 1. None

**D. Reporting Requirements**

- 1. None

**E. Testing Requirements**

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

Emission Limitation:  
10% opacity

Applicable Compliance Method:  
OAC rule 3745-17-03(B)(3)  
Emission Limitation:  
0.034 lb PM/hr

Applicable Compliance Method:  
As long as compliance with the 10% opacity as a three-minute average is maintained, compliance with the 0.034 lb pm/hr emissions limit will be maintained.

**F. Miscellaneous Requirements**

1. None