

Facility ID: 0575000226 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: 0575000226 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 - 375 tons/hour Primary Crusher; portable emissions unit	OAC rule 3745-31-05 (A)(3) PTI 05-10334	0.26 lb/hr and 0.14 ton/yr particulates The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart OOO. See A.2.c
	NSPS 40 CFR Part 60, Subpart OOO	15% opacity
	OAC rule 3745-17-11 (B)	The limit based on this rule is less stringent than the particulate limit established above as Best Available Technology (BAT) under 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B)	Reasonably available control measures (RACM). (See Sections A.2.b. and A.2.c.)

2. Additional Terms and Conditions

- (a) The hourly emissions limitation of 0.26 pound per hour was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit
The application of RACM is applicable only when the emissions unit is located in an Appendix A area as specified in OAC rule 3745-17-08.
The aggregate materials processed through the primary crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point (s), so that compliance with the opacity requirement(s) specified above is continuously maintained and meets the requirements of BAT.

B. Operational Restrictions

1. The maximum annual production rate for this facility shall not exceed 400,000 tons.
2. Upon completing the initial visible emissions compliance test as specified in Section E.2. The permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.
3. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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. whether the emissions are representative of normal operations;

b.if the emissions are not representative of normal conditions, the cause of the abnormal emissions;

c.the total duration of any visible emissions incident; and

d.any corrective actions taken to eliminate the visible emissions.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.

2. Upon completing the initial visible emissions compliance test as specified in Section E.2. The permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.

3. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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.whether the emissions are representative of normal operations;

b.if the emissions are not representative of normal conditions, the cause of the abnormal emissions;

c.the total duration of any visible emissions incident; and

d.any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.

2. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.

3. The permittee shall submit quarterly deviation (excursion) reports which identify the occurrences identified below:

a.each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b.each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

E. Testing Requirements

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

1.aEmission Limitation-
0.26 lb/hr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the maximum hourly production rate of 375 tons/hour by the emissions factor of 0.00070 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).

1.bEmission Limitation-
0.14 ton/yr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the annual production rate (400,000 tons for the calendar year) and then multiply the sum by the emissions factor of 0.00070 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and divide the total by 2,000 pounds per ton.

1.cEmission Limitation-
15% opacity

Applicable Compliance Method-
Compliance shall be determined by visible emissions evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart 000.

2. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted an opacity test for F001 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart 000, [reference section 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test notification to the Ohio EPA, Southwest District Office. The Intent to Test notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in Ohio EPA, Southwest District Office's refusal to accept the results of the opacity test(s).

Personnel from Ohio EPA, Southwest District Office shall be permitted to witness the test(s). Personnel from

this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emissions and opacity control at this plant).

A comprehensive written report on the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to Ohio EPA, Southwest District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

2. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a.the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

b.the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

c.the applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA, Southwest District Office and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and,

d.in Ohio EPA, Southwest District Office's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

Under OAC rule 3745-31-05(F), portable or mobile sources may relocate to sites that have been pre-approved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:

a.the permittee has applied for and obtained a site approval for the new site from the Director;

b.the site approval is current and effective;

c.the permittee has complied with all of the conditions and restrictions contained in the site approval;

d.the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation

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Facility ID: 0575000226 Emissions Unit ID: F002 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>
F002 - 375 tons/hr Primary Screen; portable emissions unit	OAC rule 3745-31-05(A)(3) PTI 05-10334	0.66 lb/hr and 0.36 tons/yr particulates The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart OOO.

	See A.2.c
NSPS 40 CFR Part 60, Subpart OOO 10% opacity	
OAC rule 3745-17-11 (B)	The limit based on this rule is less stringent than the particulate limit established above as BAT under 3745-31-05(A)(3).
OAC rule 3745-17-08 (B)	Reasonably available control measures (RACM). (See Sections A.2.b. and A.2.c.)

2. **Additional Terms and Conditions**

- (a) The hourly emissions limitation of 0.66 pound per hour was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
The application of RACM is applicable only when the emissions unit is located in an Appendix A area as specified in OAC rule 3745-17-08.
The aggregate materials processed through the screen shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point(s), so that compliance with the opacity requirement(s) specified above is continuously maintained and meets the requirements of BAT.

B. **Operational Restrictions**

- 1. Water shall be applied at all points necessary to ensure compliance with the visible emissions limitation.

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

- 1. Upon completing the initial visible emissions compliance test as specified in Section E.2., the permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.
- 2. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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. whether the emissions are representative of normal operations;
 - b. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;
 - c. the total duration of any visible emissions incident; and
 - d. any corrective actions taken to eliminate the visible emissions.

D. **Reporting Requirements**

- 1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify the occurrences identified below:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

E. **Testing Requirements**

- 1. Compliance with the emissions limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation-
0.66 lb/hr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the maximum hourly production rate of 375 tons/hour by the emissions factor of 0.001764 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).
 - 1.b Emission Limitation-
0.36 ton/yr particulates

Applicable Compliance Method-
Compliance shall be based upon the yearly production records for aggregate employed in the primary crusher during the calendar year. Multiply the yearly sum by the emissions factor of 0.001764 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.
 - 1.c Emission Limitation-
10% opacity

Applicable Compliance Method-
Compliance shall be determined by visible emissions evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.
- 2. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted an opacity test for

F002 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference section 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test notification to the Ohio EPA, Southwest District Office. The Intent to Test notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in Ohio EPA, Southwest District Office's refusal to accept the results of the opacity test(s).

Personnel from Ohio EPA, Southwest District Office shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emissions and opacity control at this plant).

A comprehensive written report on the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to Ohio EPA, Southwest District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

2. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a.the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

b.the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

c.the applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA, Southwest District Office and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and,

d.in Ohio EPA, Southwest District Office's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

Under OAC rule 3745-31-05(F), portable or mobile sources may relocate to sites that have been pre-approved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:

a.the permittee has applied for and obtained a site approval for the new site from the Director;

b.the site approval is current and effective;

c.the permittee has complied with all of the conditions and restrictions contained in the site approval;

d.the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.

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Facility ID: 0575000226 Emissions Unit ID: F003 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>
F003 - 250 tons/hour Secondary Crusher; portable emissions unit	OAC rule 3745-31-05(A)(3) PTI 05-10334	0.18 lb/hr and 0.07 tons/yr particulates The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart 000. See A.2.c
	NSPS 40 CFR Part 60, Subpart 000	15% opacity
	OAC rule 3745-17-11 (B)	The limit based on this rule is less stringent than the particulate limit established above as Best Available Technology (BAT) under 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B)	Reasonably available control measures (RACM). (See Sections A.2.b. and A.2.c.)

2. Additional Terms and Conditions

- (a) The hourly emission limitation of 0.18 pound per hour was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit.
The application of RACM are applicable only when the emissions unit is located in an Appendix A area as specified in OAC rule 3745-17-08.
The aggregate materials processed through the crusher shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point(s), so that compliance with the opacity requirement(s) specified above is continuously maintained and meets the requirements of BAT.

B. Operational Restrictions

- 1. The maximum annual production rate for this facility shall not exceed 200,000 tons.

C. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall maintain monthly records of the total aggregate materials produced in this facility.
- 2. Upon completing the initial visible emissions compliance test as specified in Section E.2., the permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.
- 3. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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. whether the emissions are representative of normal operations;
 - b. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;
 - c. the total duration of any visible emission incident; and
 - d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

- 1. The permittee shall submit annual reports that identify any exceedances of the annual production rate limitation for the facility, as well as the corrective actions that were taken to achieve compliance. These reports shall be submitted by January 31 of each year.
- 2. The permittee shall submit quarterly deviation (excursion) reports which identify the occurrences identified below:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

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 method(s):
 - 1.a Emission Limitation-
0.18 lb/hr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the maximum hourly production rate of 250 tons/hour by the emission factor of 0.00070 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).
 - 1.b Emission Limitation-
0.07 ton/yr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the annual production rate (200,000 tons for the calendar year) and then multiply the sum by the emissions factor of 0.00070 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and divide the total by 2,000 pounds per ton.

1.cEmission Limitation-
10% opacity

Applicable Compliance Method-
Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

2. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted an opacity test for F003 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference section 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test notification to the Ohio EPA, Southwest District Office. The Intent to Test notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in Ohio EPA, Southwest District Office's refusal to accept the results of the opacity test(s).

Personnel from Ohio EPA, Southwest District Office shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emission and opacity control at this plant).

A comprehensive written report on the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to Ohio EPA, Southwest District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

2. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a. the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

b.the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

c.the applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA, Southwest District Office and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and,

d.in Ohio EPA, Southwest District Office's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

Under OAC rule 3745-31-05(F), portable or mobile sources may relocate to sites that have been pre-approved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:

a.the permittee has applied for and obtained a site approval for the new site from the Director;

b.the site approval is current and effective;

c.the permittee has complied with all of the conditions and restrictions contained in the site approval;

d.the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.

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Facility ID: 0575000226 Emissions Unit ID: F004 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>
F004 - 250 tons/hr Secondary Screen; portable emissions unit	OAC rule 3745-31-05(A)(3) PTI 05-10334	0.44 lb/hr and 0.18 ton/yr particulates The requirements of this rule also include compliance with the requirements of NSPS 40 CFR Part 60, Subpart OOO. See A.2.c
	NSPS 40 CFR Part 60, Subpart OOO OAC rule 3745-17-11 (B)	10% opacity The limit based on this rule is less stringent than the particulate limit established above as Best Available Technology (BAT) under 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B)	Reasonably available control measures (RACM). (See Sections A.2.b. and A.2.c.)

2. Additional Terms and Conditions

- (a) The hourly emission limitation of 0.44 pounds per hour was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit. The application of RACM are applicable only when the emissions unit is located in an Appendix A area as specified in OAC rule 3745-17-08.
- (c) The aggregate materials processed through the screen shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the crusher and transfer point(s), so that compliance with the opacity requirement(s) specified above is continuously maintained and meets the requirements of BAT.

B. Operational Restrictions

1. Water shall be applied at all points necessary to ensure compliance with the visible emissions limitation.

C. Monitoring and/or Record Keeping Requirements

1. Upon completing the initial visible emissions compliance test as specified in Section E.2., the permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.
2. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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. whether the emissions are representative of normal operations;
 - b. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;
 - c. the total duration of any visible emissions incident; and
 - d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.
2. The permittee shall submit quarterly deviation (excursion) reports which identify the occurrences identified below:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

E. Testing Requirements

1. Compliance with the emissions limitations in Section A.1. of these terms and conditions shall be determined in accordance with the following method(s):
 - 1.a Emission Limitation-
0.44 lb/hr particulates

Applicable Compliance Method-
Compliance shall be determined by multiplying the maximum hourly production rate of 250 tons/hour by the

emissions factor of 0.001764 lb/ton, as specified in USEPA reference document AP-42, Table 11.19.2-2 (1/95).

1.bEmission Limitation-
0.18 ton/yr particulates

Applicable Compliance Method-
Compliance shall be based upon the yearly production records for aggregate employed in the secondary crusher during the calendar year. Multiply the yearly sum by the emissions factor of 0.001764 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton.

1.cEmission Limitation-
10% opacity

Applicable Compliance Method-
Compliance shall be determined by visible emissions evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

2. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted an opacity test for F004 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference section 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test notification to the Ohio EPA, Southwest District Office. The Intent to Test notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in Ohio EPA, Southwest District Office's refusal to accept the results of the opacity test(s).

Personnel from Ohio EPA, Southwest District Office shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emissions and opacity control at this plant).

A comprehensive written report on the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to Ohio EPA, Southwest District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

2. Notice to Relocate a Portable or Mobile Source

Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:

a.the portable emissions unit is equipped with the best available control technology for such portable emissions unit;

b.the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);

c.the applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA, Southwest District Office and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and,

d.in Ohio EPA, Southwest District Office's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.

OR

Under OAC rule 3745-31-05(F), portable or mobile sources may relocate to sites that have been pre-approved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:

a.the permittee has applied for and obtained a site approval for the new site from the Director;

b.the site approval is current and effective;

c.the permittee has complied with all of the conditions and restrictions contained in the site approval;

d.the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.

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

Facility ID: 0575000226 Emissions Unit ID: F005 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>
F005 - Material Handling-11 conveyors	OAC rule 3745-31-05(A)(3) PTI05-10334	0.42 lb/hr and 0.22 ton/yr particulates See A.2.c
	NSPS 40 CFR Part 60, Subpart OOO 10% opacity	
	OAC rule 3745-17-11 (B)	The limit based on this rule is less stringent than the particulate limit established above as Best Available Technology (BAT) under 3745-31-05(A)(3).
	OAC rule 3745-17-08 (B)	Reasonably available control measures (RACM). (See Sections A.2.b. and A.2.c.)

2. Additional Terms and Conditions

- (a) The hourly emission limitation of 0.42 pound per hour was established to reflect the potential to emit for this emissions unit. Therefore, it is not necessary to develop record keeping and/or reporting requirements to ensure compliance with this limit. The application of RACM are applicable only when the emissions unit is located in an Appendix A area as specified in OAC rule 3745-17-08. The aggregate materials processed through the conveyors shall have a moisture content sufficient to minimize or eliminate visible emissions of fugitive dust from the transfer point(s), so that compliance with the opacity requirement(s) specified above is continuously maintained and meets the requirements of BAT.

B. Operational Restrictions

1. Water shall be applied at all points necessary to ensure compliance with the visible emissions limitation.

C. Monitoring and/or Record Keeping Requirements

1. Upon completing the initial visible emissions compliance test as specified in Section E.2. The permittee shall conduct visible emissions evaluations at a minimum annually or upon relocation of the emissions unit. The visible emissions evaluations shall be performed during the period of May 1 through September 30.
2. The permittee shall perform daily checks, when each piece of crushing equipment is in operation and when the weather conditions allow, for any visible fugitive particulate emissions from each crushing operation. 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. whether the emissions are representative of normal operations;
 - b. if the emissions are not representative of normal conditions, the cause of the abnormal emissions;
 - c. the total duration of any visible emission incident; and
 - d. any corrective actions taken to eliminate the visible emissions.

D. Reporting Requirements

1. The permittee shall notify the Director (the appropriate Ohio EPA District Office or local air agency) of any Method 9 evaluation that did not demonstrate compliance with the opacity requirement(s) specified above. The notification shall be in writing and shall include a copy of such record and shall be sent to the Director (the appropriate Ohio EPA District Office or local air agency) within 30 days after the exceedance occurs.
2. The permittee shall submit quarterly deviation (excursion) reports which identify the occurrences identified below:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

These reports are due by the date described in Part 1-General Terms and Conditions of this permit under section (A)(2).

E. Testing Requirements

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

1.a Emission Limitation-
0.42 lb/hr particulate

Applicable Compliance Method-

Compliance shall be determined by multiplying the maximum hourly production rates of each conveyor by the emission factor of 1.008 E-4 lb/ton, as specified in AP-42, Table 11.19.2-2, and summing the emission rates for all eleven conveyors

1.b Emission Limitation-
0.22 ton/yr particulate

Applicable Compliance Method-

Compliance shall be based upon the yearly throughput of each conveyor and multiplying by the emission factor of 1.008 E-4 lb/ton, as specified in AP-42, Table 11.19.2-2 (1/95), and dividing by 2,000 pounds per ton. The sum shall be determined by adding each conveyor's emissions rate together.

1.c Emission Limitation-
10% opacity

Applicable Compliance Method-

Compliance shall be determined by visible emission evaluations performed using the methods and procedures specified in USEPA Reference Method 9 and 40 CFR 60.675 Subpart OOO.

2. Within 60 days of reaching maximum production, this facility shall conduct, or have conducted an opacity test for F005 in order to demonstrate compliance with the specified allowable opacity limitation. The opacity test shall be conducted in accordance with the test method specified in 40 CFR Part 60 Subpart OOO, [reference section 60.675].

Not later than 30 days prior to the proposed test date(s), this facility shall submit an Intent to Test notification to the Ohio EPA, Southwest District Office. The Intent to Test notification shall describe in detail the proposed test methods and procedures, the source operating parameters, the time(s) and the date(s) of the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in Ohio EPA, Southwest District Office's refusal to accept the results of the opacity test(s).

Personnel from Ohio EPA, Southwest District Office shall be permitted to witness the test(s). Personnel from this facility shall acquire data and information regarding the source operating parameters (including but not limited to, water flow rates and pressure employed for particulate emission and opacity control at this plant).

A comprehensive written report on the results of the opacity test(s) (including opacity levels and the source operating parameters) shall be submitted to Ohio EPA, Southwest District Office within 30 days following completion of the test(s).

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.
2. Notice to Relocate a Portable or Mobile Source
- Pursuant to Ohio Administrative Code (OAC) rule 3745-31-03(A)(1)(p)(i), the permittee of a portable or mobile emissions unit may relocate within the State of Ohio without first obtaining a PTI providing the following criteria are met:
- the portable emissions unit is equipped with the best available control technology for such portable emissions unit;
 - the portable emissions unit is operating pursuant to a currently effective permit to operate (PTO);
- c. the applicant has provided proper notice of intent to relocate the portable emissions unit to the Ohio EPA, Southwest District Office and the appropriate field office having jurisdiction over the new site within a minimum of 30 days prior to the scheduled relocation; and,
- Ohio EPA, Southwest District Office's and the appropriate field office's judgement, the proposed site is acceptable under the rule 3745-15-07 of the Administrative Code.
- OR
- Under OAC rule 3745-31-05(F), portable or mobile sources may relocate to sites that have been pre-approved by the Director. The permittee may relocate the portable or mobile sources listed in this permit if:
- the permittee has applied for and obtained a site approval for the new site from the Director;
 - the site approval is current and effective;
 - the permittee has complied with all of the conditions and restrictions contained in the site approval;
 - the permittee has provided the appropriate Ohio EPA District Office and/or local air agency having jurisdiction over the new site at least 15 days written notice of the relocation.

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

Facility ID: 0575000226 Emissions Unit ID: F006 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>
F006 - Load-in and load-out of storage piles	OAC rule 3745-31-05(A)(3) PTI 05-10334	1.6 tons/yr particulates No visible emissions except for one minute in any hour Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.b, A.2.c and A.2.f)

2. Additional Terms and Conditions

- (a) The storage piles that are covered by this permit and subject to the requirements of OAC rule 3745-31-05 are listed below:

All
The permittee shall employ best available control measures on all load-in and load-out operations associated with the storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the load-in and load-out materials with water to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance. The above-mentioned control measure(s) shall be employed for each load-in and load-out operation of each storage pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during any such operation until further observation confirms that use of the measure(s) is unnecessary.
The permittee shall employ best available control measures for wind erosion from the surfaces of all storage piles for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat each storage pile with water to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance. The above-mentioned control measure(s) shall be employed for wind erosion from each pile if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) are necessary to ensure compliance with the above-mentioned applicable requirements. Implementation of the control measure(s) shall not be necessary for a storage pile that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements.
Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rule 3745-31-05.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of each load-in operation at each storage pile in accordance with the following frequencies:
Storage pile identification Minimum load-in inspection frequency

All Daily
2. Except as otherwise provided in this section, the permittee shall perform inspections of each load-out operation at each storage pile in accordance with the following frequencies:

Storage pile identification Minimum load-out inspection frequency
All Daily
3. Except as otherwise provided in this section, the permittee shall perform inspections of the wind erosion from pile surfaces associated with each storage pile in accordance with the following frequencies:
storage pile identification minimum wind erosion inspection frequency

All Daily

4. No inspection shall be necessary for wind erosion from the surface of a storage pile when the pile is covered with snow and/or ice and for any storage pile activity if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.
5. The purpose of the inspections is to determine the need for implementing the control measures specified in this permit for load-in and load-out of a storage pile, and wind erosion from the surface of a storage pile. The inspections shall be performed during representative, normal storage pile operating conditions.
6. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.
7. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:
 - a. each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and,
 - b. each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

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

1.a Emission Limitation-
1.45 tons/year particulate

Applicable Compliance Method-
Compliance shall be determined by using AP-42 13.2.4-3 emissions factor:

k = 0.74
U = 9.1 mph
M = 3.5%

$$\text{Emissions, lb/tn} = k(0.0032)[U/5^{1.3}/(M/2)^{1.4}]$$

$$= 0.74(0.0032)[(9.1 \text{ mph}/5)^{1.3}/(3.5/2)^{1.4}]$$

$$= 0.0023 \text{ lb/tn}$$

Base Aggregate Storage Pile - 250,000 TPY

$$0.0023 \text{ lb/tn (250,000 TPY)}(1 \text{ tn}/2,000 \text{ lbs})$$

$$= 0.29 \text{ TPY}$$

Coarse Aggregate Storage Pile - 150,000 TPY

$$0.0023 \text{ lb/tn (150,000 TPY)}(1 \text{ tn}/2,000 \text{ lbs})$$

$$= 0.17 \text{ TPY}$$

Wind Erosion -

Silt Content (S)- 4.440
Surface area - 0.57 acres
Precipitation 0.01" (P) -130 days per year
Wind velocity % >12 MPH (F)-30 days per year

$$\text{Emissions, lb/day/acre} = 1.79 (S/1.5)[365 \text{ days} - P]/235(F/15)$$

$$= 1.79(4.440/1.5)[(365-130)/235](30/15)$$

$$= 10.6 \text{ lb/day/acre}$$

$$= 10.6(0.57 \text{ acre})(365 \text{ days/year})(1 \text{ tn}/2,000 \text{ lbs})$$

$$= 1.1 \text{ TPY}$$

Total particulate emissions:

$$= 0.29 \text{ TPY} + 0.17 \text{ TPY} + 1.1 \text{ TPY}$$

$$= 1.6 \text{ tons per year}$$

1.b Emission Limitation -
No visible emissions, except for one-minute per hour

Compliance with the visible emission limitations for the storage piles identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications

listed in paragraphs (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.

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

Facility ID: 0575000226 Emissions Unit ID: F007 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>
F007 - Paved and Unpaved Roadways	OAC rule 3745-31-05 (A)(3) PTI 05-10334	29.5 tons/yr particulates No visible emissions except for 13- minutes during any 60-minute period (see Section A.2.k for annual emissions limitation). Best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.e. through A.2.i.).

2. Additional Terms and Conditions

- (a) The unpaved roadways and parking areas that are covered by this permit and subject to the above-mentioned requirements are listed below:

unpaved roadways:

0.38 mile service road, 0.40 mile haul road, and a 2500 square foot parking area
 The permittee shall employ best available control measures on all paved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the paved roadways and parking areas via broom sweeping and flushing them with water to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 The permittee shall employ best available control measures on the unpaved shoulders of all paved roadways for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved shoulders of all paved roadways with chemical stabilization, watering and/or surface improvements at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 The permittee shall employ best available control measures on all unpaved roadways and parking areas for the purpose of ensuring compliance with the above-mentioned applicable requirements. In accordance with the permittee's permit application, the permittee has committed to treat the unpaved roadways and parking areas with chemical stabilization, watering and/or surface improvements at sufficient treatment frequencies to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
 The needed frequencies of implementation of the control measures shall be determined by the permittee's inspections pursuant to the monitoring section of this permit. Implementation of the control measures shall not be necessary for a paved or unpaved roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Implementation of any control measure may be suspended if unsafe or hazardous driving conditions would be created by its use.
 Any unpaved roadway or parking area, which during the term of this permit is paved or takes the characteristics of a paved surface due to the application of certain types of dust suppressants, may be controlled with the control measure(s) specified above for paved surfaces. Any unpaved roadway or

parking area that takes the characteristics of a paved roadway or parking area due to the application of certain types of dust suppressants shall remain subject to the visible emission limitation for unpaved roadways and parking areas. Any unpaved roadway or parking area that is paved shall be subject to the visible emission limitation for paved roadways and parking areas.

The permittee shall promptly remove, in such a manner as to minimize or prevent resuspension, earth and/or other material from paved streets onto which such material has been deposited by trucking or earth moving equipment or erosion by water or other means.

Open-bodied vehicles transporting materials likely to become airborne shall have such materials covered at all times if the control measure is necessary for the materials being transported.

Implementation of the above-mentioned control measures in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the best available technology requirements of OAC rule 3745-31-05.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, the permittee shall perform inspections of the roadways and parking areas in accordance with the following frequencies:

unpaved roadways minimum inspection frequency
All daily

2. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during representative, normal traffic conditions. No inspection shall be necessary for a roadway or parking area that is covered with snow and/or ice or if precipitation has occurred that is sufficient for that day to ensure compliance with the above-mentioned applicable requirements. Any required inspection that is not performed due to any of the above-identified events shall be performed as soon as such event(s) has (have) ended, except if the next required inspection is within one week.

3. The permittee may, upon receipt of written approval from the appropriate Ohio EPA District Office or local air agency, modify the above-mentioned inspection frequencies if operating experience indicates that less frequent inspections would be sufficient to ensure compliance with the above-mentioned applicable requirements.

4. The permittee shall maintain records of the following information:

a.the date and reason any required inspection was not performed, including those inspections that were not performed due to snow and/or ice cover or precipitation;

b. the date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;

c.the dates the control measures were implemented; and

d.on a calendar quarter basis, the total number of days the control measures were implemented and the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measures.

The information required in 4.d. shall be kept separately for the unpaved roadways, and shall be updated on a calendar quarter basis within 30 days after the end of each calendar quarter.

D. Reporting Requirements

1. The permittee shall submit deviation reports that identify any of the following occurrences:

a.each day during which an inspection was not performed by the required frequency, excluding an inspection which was not performed due to an exemption for snow and/or ice cover or precipitation; and

b.each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.

The deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.

E. Testing Requirements

1. Compliance with the emission limitation for the unpaved roadways and parking areas identified above shall be determined in accordance with Test Method 22 as set forth in "Appendix on Test Methods" in 40 CFR, Part 60 ("Standards of Performance for New Stationary Sources," as such Appendix existed on July 1, 1996, and the modifications listed in paragraphs (B)(4)(a) through (B)(4)(d) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. If probable cause exists indicating the source is causing or contributing to a nuisance in violation of Ohio Administrative Code rule 3745-15-07, the owner or operator of this emissions unit shall be required to submit and implement a control program which will bring this source into compliance.