

Facility ID: 0278080443 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](#)
- [Go to Part II for Emissions Unit F002](#)
- [Go to Part II for Emissions Unit F003](#)
- [Go to Part II for Emissions Unit P901](#)

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Facility ID: 0278080443 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>
plant roadways and parking areas	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	PE: 0.74 ton of fugitive particulate emissions per year PM10: 0.08 ton of fugitive PM10 emission per year
paved roadways and parking areas (see Section A.2.a)	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	There shall be no visible particulate emissions except for one minute during any 60-minute period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.c, A.2.d, and A.2.f through A.2.j).
	OAC rule 3745-17-07(B)(4)	The visible emission limitation specified in this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08(B), (B)(8), (B)(9)	The control requirements specified in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).
unpaved roadways and parking areas (see Section A.2.b)	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	There shall be no visible particulate emissions except for three minutes during any 60-minute period. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.e through A.2.j).
	OAC rule 3745-17-07(B)(5)	The visible emission limitation specified in this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
	OAC rule 3745-17-08(B), (B)(2)	The control requirements specified in this rule are less stringent than those established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

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

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

unpaved roadways:

all unpaved roadways

unpaved parking areas:

all unpaved parking areas

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 by water 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 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 water 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 water 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:
 - paved roadways and parking areas minimum inspection frequency
 - all paved roadways and parking areas once during each day of operation
 - unpaved roadways and parking areas minimum inspection frequency
 - all unpaved roadways and parking areas once during each day of operation
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 (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, 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.
- 2. 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 limitations in Section A.I.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
 Emission Limitation:
 0.70 ton of fugitive PE per year
 0.08 ton of fugitive PM10 per year

Applicable Compliance Method:
 This emission limitations were developed by applying a 75% and 90% control efficiency on unpaved and paved roadways, respectively, to a maximum potential uncontrolled emission rate of 0.98 TPY fugitive PE. The maximum potential uncontrolled emission rate was calculated using AP-42 emission factors for paved and unpaved roadways [section 13.2.1. (12/03) and section 13.2.2. (12/03)] and the following maximum vehicle miles traveled:

paved roadways - 6,960 miles
 unpaved roadways - 3,333 miles

Therefore, provided compliance is shown with the requirements of this permit to apply best available control measures, compliance with the ton per year PE limitation will be assumed.
 Compliance with the visible emission limitations for the paved and 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. None

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Facility ID: 0278080443 Emissions Unit ID: F002 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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- 1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
- 2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

- 1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
load-in and load-out of storage (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	There shall be no visible emissions except for one minute in any 60-minute period.

wind erosion from storage piles (see Section A.2.a for identification of storage piles)	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	The permittee shall employ 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). There shall be no visible emissions except for one minute in any 60-minute period.
load-in and load-out of storage piles, and wind erosion from storage piles	OAC rule 3745-31-05(A)(3) (PTI 02-20309) OAC rule 3745-17-07(B)(6) OAC rule 3745-17-08(B), (B)(6)	The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Sections A.2.d through A.2.f). PE: 2.20 TPY PM10: 1.82 TPY The visible emission limitation specified in this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3). The control requirements specified in this rule are less stringent than the control requirements established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The storage piles that are covered by this permit and subject to the above-mentioned requirements are listed below:

- Limestone storage piles
- Gravel storage piles
- Natural Sand storage piles
- Recycled asphalt storage piles
- Slag aggregate storage piles
- All other storage piles at the facility

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 minimize drop height for load-in and load-out operations 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 maintains that the inherent moisture content of the materials is at a level which is more than sufficient to comply with all applicable requirements. If at any time the moisture content is not sufficient to meet the above applicable requirements, the permittee shall employ best available 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 rules 3745-17-08 and 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 weekly
- 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 weekly
- 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 weekly
- 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 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, for wind erosion from pile surfaces, the total number of days where snow and/or ice cover or precipitation were sufficient to not require the control measure(s).

The information required in 7.d. shall be kept separately for (i) the load-in operations, (ii) the load-out operations, and (iii) the pile surfaces (wind erosion), 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.
2. 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 limitations specified in section A.1. of these terms and conditions shall be determined in accordance with the following methods:
Emission limitation:
2.20 tons of PE per year

Applicable compliance method:
Compliance can be determined by the following equations:

$$E_r = [2A*B + C*D*F] [1 \text{ ton}/2000 \text{ lbs}]$$

Where:

E_r = particulate matter emission rate in tons per year.
A = emission factor for drop batch operation: (AP-42, section 13.2.4-3, January 95 version)
 $E = k(0.0032)[(U/5)^{1.3} / (M/2)^{1.4}]$

Where:

E = emission factor (lbs/ton)
k = particular size multiplier
U = mean wind speed (mph)
M = material moisture content (%)
B = annual 12-month summation of sand, gravel, and sandstone produced
C = emission factor for wind erosion: (Using AP-42, Section 11.2.3, Eq (3)) (May, 83 version)
 $E = 1.7 (s/1.5)[(365-p)/235](f/15)$ (lb/day/acre)

Where:

E = total suspended particulate emission factor (lb/day/acre)
s = silt content of aggregate (%) (9%)
p = number of days with > or = to 0.25 mm (0.01 in.) of precipitation per year (197 days)
f = percentage of time that the unobstructed wind speed exceeds 5.4 m/s (12 mph) at the mean pile height. (Assume 40%)
D = number of days in a year, 365 days
F = number of acres of storage piles, 2.0 acres
Emission limitation:
1.82 tons of PM10 per year

Applicable compliance method:
Compliance can be determined by the following equations:

$$E_r = [2A*B + C*D*F] [1 \text{ ton}/2000 \text{ lbs}]$$

Where:

Er = particulate matter emission rate in tons per year.
 A = emission factor for drop batch operation: (AP-42, section 13.2.4-3, January 95 version)
 $E = k(0.0032)[(U/5)^{1.3} / (M/2)^{1.4}]$

Where:

E = emission factor (lbs/ton)
 k = particular size multiplier, 0.35 (<10 m)
 U = mean wind speed (mph), 8.5 mph
 M = material moisture content (%)
 B = annual 12-month summation of sand, gravel, and sandstone produced
 C = emission factor for wind erosion: (Using AP-42, Section 11.2.3, Eq (3)) (May, 83 version)
 $E = 1.7 (s/1.5)[(365-p)/235](f/15)$ (lb/day/acre)

Where:

E = total suspended particulate emission factor (lb/day/acre)
 s = silt content of aggregate (%) (9%)
 p = number of days with > or = to 0.25 mm (0.01 in.) of precipitation per year (197 days)
 f = percentage of time that the unobstructed wind speed exceeds 5.4 m/s (12 mph) at the mean pile height. (Assume 40%)
 D = number of days in a year, 365 days
 F = number of acres of storage piles, 2.0 acres
 Emission limitation:
 There shall be no visible emissions except for one minute in any 60-minute period.

Applicable Compliance Method:
 Compliance with the visible emission limitation 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 ("Standard of Performance for New Stationary Sources"), as such Appendix existed on July 1, 1996, and the modifications listed in paragraph (B)(4)(a) through (B)(4)(c) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. None

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Facility ID: 0278080443 Emissions Unit ID: F003 Issuance type: Final State Permit To Operate

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Part II - Special Terms and Conditions

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1. For the purpose of a permit-to-install document, the emissions unit terms and conditions identified below are federally enforceable with the exception of those listed below which are enforceable under state law only.
 - (a) None.
2. For the purpose of a permit-to-operate document, the emissions unit terms and conditions identified below are enforceable under state law only with the exception of those listed below which are federally enforceable.
 - (a) None.

A. Applicable Emissions Limitations and/or Control Requirements

1. The specific operation(s), property, and/or equipment which constitute this emissions unit are listed in the following table along with the applicable rules and/or requirements and with the applicable emissions limitations and/or control measures. Emissions from this unit shall not exceed the listed limitations, and the listed control measures shall be employed. Additional applicable emissions limitations and/or control measures (if any) may be specified in narrative form following the table.

<u>Operations, Property, and/or Equipment</u>	<u>Applicable Rules/Requirements</u>	<u>Applicable Emissions Limitations/Control Measures</u>
material handling operations	OAC rule 3745-31-05(A)(3) (PTI 02-20309)	PE: 5.99 tpy PM10: 3.01 tpy Visible emissions shall not exceed 10 percent opacity, as a three-minute average. The permittee shall employ best available control measures that are sufficient to minimize or eliminate visible emissions of fugitive dust (see Section A.2.b through A.2.d).
	OAC rule 3745-17-07(B)(1)	The visible emission limitation specified in this rule is less stringent than the visible emission limitation established pursuant to OAC rule 3745-31-05(A)(3).

OAC rule 3745-17-08(B)

The control measure requirements specified by this rule are less stringent than the control measure requirements established pursuant to OAC rule 3745-31-05(A)(3).

2. Additional Terms and Conditions

- (a) The material handling operation(s) that are covered by this permit and subject to the above-mentioned requirements are listed below:

Aggregate handling by front-end loaders
 Aggregate cold feed bins to conveyor lines
 Conveyor to aggregate scalping screen
 Aggregate conveyor to stacker
 Recycled asphalt pavement (RAP) handling by front-end loaders
 Recycled asphalt pavement (RAP) feed bins to conveyor line
 Conveyor to recycled asphalt pavement (RAP) scalping screen
 Recycled asphalt pavement (RAP) conveyor to stacker
 The permittee shall employ best available control measures for the above-identified material handling operation(s) 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 perform the following control measure(s) to ensure compliance: use only aggregate material with inherently high moisture content or employ dust suppressant and minimize drop height distances.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

For each material handling operation that is not adequately enclosed, the above-identified control measure(s) shall be implemented if the permittee determines, as a result of the inspection conducted pursuant to the monitoring section of this permit, that the control measure(s) is (are) necessary to ensure compliance with the above-mentioned applicable requirements. Any required implementation of the control measure(s) shall continue during the operation of the material handling operation(s) until further observation confirms that use of the control measure(s) is unnecessary.

Implementation of the above-mentioned control measure(s) in accordance with the terms and conditions of this permit is appropriate and sufficient to satisfy the requirements of OAC rules 3745-31-05.

B. Operational Restrictions

1. None

C. Monitoring and/or Record Keeping Requirements

1. Except as otherwise provided in this section, for material handling operations that are not adequately enclosed, the permittee shall perform inspections of such operations in accordance with the following minimum frequencies:

material handling operation(s) minimum inspection frequency

Aggregate material unloading daily
 Aggregate material unloading from trucks daily
 Aggregate handling by front-end loaders daily
 Aggregate cold feed bins to conveyor line daily
 Conveyor to aggregate scalping screen daily
 Aggregate conveyor to stacker daily

2. The above-mentioned inspections shall be performed during representative, normal operating conditions.
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:
- 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;
 - The date of each inspection where it was determined by the permittee that it was necessary to implement the control measures;
 - The dates the control measures were implemented; and
 - 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 (i) the paved roadways and parking areas and (ii) the unpaved roadways and parking areas, 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:
- 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
 - Each instance when a control measure, that was to be implemented as a result of an inspection, was not implemented.
2. 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 limitations in Section A.I.1. of the terms and conditions of this permit shall be determined in accordance with the following methods:
Emission limitation:
5.99 tons of PE per year

Applicable compliance method:
Compliance shall be determine by the following equation:

$$Er = [A + 2.1 * C * D] / 2000 \text{ lbs}$$

Where:

Er = Emission rate, in tons per year
A = calculated fugitive particulate emission rate using AP-42 emission factor equation for material handling (section 13.2.4. (1/95 version)), 1.26 tpy. The calculated particulate emission rate was determined by calculating the PE from each transfer point, as specified on the permit application.
2.1 = multiplying factor to convert to PE form PM10
C = maximum annual asphalt production, 300,000 tons
D = AP-42 emission factor, 0.015 lb of PM10/ton (Table 11.19.2-2, 1/95 version)
Emission limitation:
3.01 tons of PM10 per year

Applicable compliance method:
Compliance shall be determine by the following equation:

$$Er = [A + C * D] / 2000 \text{ lbs}$$

Where:

Er = Emission rate, in tons per year
A = calculated fugitive PM10 emission rate using AP-42 emission factor equation for material handling (section 13.2.4. (1/95 version)), 0.76 tpy. The calculated particulate emission rate was determined by calculating the PE from each transfer point, as specified on the permit application.
C = maximum annual asphalt production, 300,000 tons
D = AP-42 emission factor, 0.015 lb of PM10/ton (Table 11.19.2-2, 1/95 version)

2. Emission limitation:
10 percent opacity, as a three-minute average

Compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with Test Method 9 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)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

F. Miscellaneous Requirements

1. None

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Facility ID: 0278080443 Emissions Unit ID: P901 Issuance type: Final State Permit To Operate

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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>
300 ton per hour drum-mix asphalt plant,	OAC rule 3745-31-05(A)(3)	PE/PM10: 11.14 lbs/hr, 5.57 TPY

<p>equipped with a fabric filter baghouse. (PTI 02-20309) Modification of P901 to add fuel oils/used oil.</p> <p>This plant is derated to 265 TPH while producing slag mixes.</p>	<p>OC: 55.50 lbs/hr, 27.75 TPY NOx: 19.80 lbs/hr, 9.90 TPY CO: 106.80 lbs/hr, 53.4 TPY SO2: 97.52 lbs/hr for slag mixes, 13.20 lbs/hr for non-slag mixes 25.31 TPY</p> <p>See section A.2.a.</p> <p>See section A.2.f.</p> <p>CO: 53.4 tons per rolling 12-month period SO2: 25.31 tons per rolling 12-month period OC: 27.75 tons per rolling 12-month period PE/PM10: 5.57 tons per rolling 12-month period</p> <p>0.04 gr PE/dscf of exhaust gas</p> <p>Emissions from the baghouse stack shall not exhibit 20 percent opacity, or greater.</p> <p>See section A.2.d.</p> <p>See section A.2.g.</p> <p>See section A.2.g.</p> <p>See section A.2.e.</p> <p>See section A.2.h.</p>
<p>OAC rule 3745-31-05(C) (PTI 02-20309)</p> <p>40 CFR, Part 60, Subpart I</p>	<p>OAC rule 3745-17-11(B) OAC rule 3745-17-07(A) OAC rule 3745-17-07(B) OAC rule 3745-17-08(B) OAC rule 3745-21-07(B)</p>

2. Additional Terms and Conditions

- (a) "Best Available Technology" (BAT) control requirements for this emissions unit has been determined to be the following:
 - i. Use of baghouse for PE control of drum mix operations. The baghouse control system exhaust shall meet the requirements of 40 CFR Part 60, Subpart I (0.04 gr PE/dscf of exhaust gas) and shall achieve a 100% capture efficiency.

- ii. Use of best available control measures (see section A.2.b).
The permittee shall employ best available control measures to minimize or eliminate visible emissions of fugitive dust from the material handling operations (See section A.2.c) associated with emissions unit P901. In accordance with the permit application, the permittee maintains that the inherent moisture content of the materials is at a level which is more than sufficient to comply with all applicable requirements. If at any time the moisture content is not sufficient to meet the above applicable requirements, the permittee shall employ best available control measures to ensure compliance.

Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
Visible fugitive particulate emissions from material handling operations for emissions unit P901 shall not exceed 20 percent opacity, as a three minute average.
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to OAC rule 3745-31-05(A)(3).
The requirements established pursuant to this rule are less stringent than, or equal in stringency to, the control measure requirements established pursuant to OAC rule 3745-31-05(A)(3).
The requirements of this rule also include compliance with 40 CFR Part 60, Subpart I, OAC rule 3745-31-05(C), and OAC rule 3745-17-07(B).
The emission limitation specified by this rule is less stringent than the emission limitation established pursuant to 40 CFR Part 60, Subpart I.
The permittee has satisfied the "latest available control techniques and operating practices required pursuant to OAC rule 3745-21-07(B) by committing to comply with the best available technology requirements established pursuant to OAC rule 3745-31-05(A)(3).

B. Operational Restrictions

- 1. Annual asphalt production from emissions unit P901 shall not exceed 300,000 tons per year, based on a rolling, 12 month summation of the monthly production rates.

The combination of slag and non-slag asphalt produced may not cause annual emissions of total SO2 to exceed 25.31 tons based on a rolling, 12-month summation and calculated using the following equation:

$$T = [(0.368 \text{ lb/ton} \times S) + (0.044 \text{ lb/ton} \times N)] / 2,000 \text{ lbs/ton}$$

where,

T = total annual SO2 emissions in TPY,
0.368 lb/ton = emission factor for slag mixes,
S = total slag mix produced for each rolling, 12-month period,
0.044 lb/ton = emission factor for non-slag mixes,
N = total non-slag mix produced for each rolling, 12-month period.

- 2. The permittee may substitute recycled asphalt aggregates in the raw material feed mix in amounts not to exceed 50 percent of all aggregate materials introduced at any given time.
- 3. The permittee shall only employ materials/fuels listed in the permit to install application. Any changes in the materials employed/combusted may be deemed a "modification" to the emissions unit and, as such will require prior notification to and approval from the Ohio EPA, Division of Air Pollution Control, Northeast District Office.
- 4. The pressure drop across the baghouse shall be maintained within the range of 1 to 8 inches of water while the emissions unit is in operation

5. All used oil burned in this emissions unit shall be "on-specification" (on-spec) oil and must meet the used oil fuel specifications contained in OAC 3745-279-11, which restricts the used oil to the following limitations:

Contaminant/Property Allowable Specifications

arsenic 5 ppm, maximum
 cadmium 2 ppm, maximum
 chromium 10 ppm, maximum
 lead 100 ppm, maximum
 total halogens 4,000 ppm maximum*
 flash point 100oF, minimum

The used oil burned in this emissions unit shall contain less than the quantifiable levels of PCBs as defined in 40 CFR 761.3; and shall also not exceed the following mercury limitation nor fall below the following heating value:

PCB's less than 2 ppm
 heat content 135,000 Btu/gallon, minimum
 mercury 1 ppm, maximum

* Used oil containing more than 1,000 ppm total halogens is presumed to be a hazardous waste under the rebuttable presumption provided under paragraph (B)(1) of rule 3745-279-10 of the Administrative Code. The permittee may receive and burn used oil exceeding 1,000 ppm total halogens (but less than 4,000 ppm maximum) only if the permittee has demonstrated that the used oil does not contain any hazardous waste pursuant to OAC rule 3745-279-10(B).

The burning of used oil not meeting the above limitations is prohibited in this emissions unit. The management and burning of used oil is subject to the Standards for the Management of Used Oil, OAC Chapter 3745-279, and the permittee shall document and assure that used oils burned in this emissions unit meet all of the applicable requirements of this Chapter.

6. The permittee shall conduct burner performance tuning for purposes of minimizing emissions. Burner performance tuning shall contain at a minimum the evaluation of and adjustment to manufacturer's specifications of the following:

- i. fuel flow to the burner (for fuel oil and on spec used oil);
- ii. differential pressure of the baghouse to ensure proper air flow through the plant;
- iii. flue gas analysis (of gases present in the drum and or stack) for CO, O₂, CO₂, and NO_x;
- iv. fuel pressure; and
- v. for burners that require compressed air for proper operation, correct pressure at the burner.

7. The permittee shall conduct an initial burner tuning within 30 production days after commencement of the production season. The permittee shall conduct another burner tuning within the time period of 90 to 120 production days after the initial burner tuning. For purposes of this permit, the production season is defined as the time period between the date the first ton of asphalt is produced and the date that the last ton of asphalt is produced during the same calendar year.

8. In addition to the burner tuning required above, the permittee shall conduct additional burner tuning, within 30 production days, for each type of fuel burned during the production season that is different than the fuel(s) burned during the initial burner tuning or the burner tuning described above that occurs 90 to 120 production days after the initial burner tuning.

C. Monitoring and/or Record Keeping Requirements

1. The permittee shall operate and maintain equipment to monitor the pressure drop across the baghouse 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 baghouse on a daily basis.

2. Except as otherwise provided in this section, the permittee shall perform inspections of the fugitive material handling operations in accordance with the following frequencies:

material handling operation(s): minimum inspection frequency:
 all material handling operations once during each day of operation

3. The purpose of the inspections is to determine the need for implementing the above-mentioned control measures. The inspections shall be performed during times of asphaltic concrete production.

4. 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.

5. 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.

6. The permittee shall maintain daily records of the following:

- a. Total slag mix asphalt production, in tons per day.
- b. Total non-slag mix asphalt production, in tons per day.

- c. Total production hours while producing slag mix, in hours per day.
 - d. Total production hours while producing non-slag mix, in hours per day.
 - e. Average hourly slag mix production, in tons per hour (a divided by c).
 - f. Average hourly non-slag mix production, in tons per hour (b divided by d).
- 7. The permittee shall maintain monthly records of the following information:
 - a. The total asphalt production rate and slag mix and non-slag mix production rates, in tons per month.
 - b. The rolling, 12-month summations of the monthly total asphalt production rate, slag mix and non-slag mix production rates.
 - c. The rolling, 12-month summations of the monthly total SO₂ emission rates using the equation specified in section B.1. above.
- 8. The permittee shall receive and maintain the chemical analyses from the supplier/marketer for each shipment of used oil burned in this emissions unit, which shall contain the following information:
 - a. the date the used oil was received at the facility;
 - b. the name, address, and U.S. EPA identification number (if applicable) of the generator, transporter, processor/re-finer, supplier, and/or marketer;
 - c. the results of the chemical analyses demonstrating that the used oil meets the standards in OAC 3745-279-11 and does not contain quantifiable levels of PCBs:
 - i. arsenic content, in ppm;
 - ii. the cadmium content, in ppm;
 - iii. the chromium content, in ppm;
 - iv. the lead content, in ppm;
 - v. total halogens, in ppm;
 - vi. the PCB content, in ppm; and
 - vii. the flash point
 - d. the analysis demonstrating that the used oil has a total halogen content below 1,000 ppm, or below 4,000 ppm with the demonstration for the rebuttal of the presumption that the oil is hazardous waste or has been mixed with hazardous waste, as described in OAC rule 3745-279-10(B); and
 - e. the results of the analyses demonstrating that the used oil meets the heating value and mercury limitation contained in this permit.

Each analysis shall be kept in a readily accessible location for a period of not less than 5 years following the receipt of each shipment of used oil and shall be made available to the Ohio EPA Division of Hazardous Waste Management and/or the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency) upon verbal or written request. Any authorized representative of the Ohio EPA may sample or require sampling of any used oil shipments received, stored, or burned by/at this facility for periodic detailed chemical analyses, through an independent laboratory.
- 9. The permittee shall collect or require the oil supplier to collect a representative grab sample for each shipment of oil that is received for burning in this emissions unit. The permittee shall perform or require the supplier to perform the analysis for sulfur content in accordance with the following ASTM methods: ASTM method D4294, ASTM method D240, or ASTM method 6010. Alternative, equivalent methods may be used upon written approval by the appropriate Ohio EPA District Office or local air agency.
- 10. For each shipment of oil received for burning in this emissions unit, the permittee shall maintain records of the total quantity of oil received and the permittee's or oil supplier's analysis for sulfur content and heat content.
- 11. The permittee shall properly operate and maintain portable devices to monitor the concentration of NO_x, CO, O₂, and CO₂ present in the flue gases generated within the drum and/or stack during the burner performance tuning. The monitoring equipment shall be calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions, and operating manual(s). The permittee shall maintain records of each portable monitoring device's calibration.
- 12. While performing the required burner tuning, the permittee shall record the following information:
 - a. Date of the burner tuning;
 - b. Results of the evaluation of the operating parameters listed above in B.6.;
 - c. Detail list of adjustments and/or repairs made to bring the operating parameters into conformance with the manufacturer's specifications; and
 - d. Type of fuel(s) employed during the burner tuning.
- D. **Reporting Requirements**
 - 1. The permittee shall submit pressure drop deviation (excursion) reports that identify that all periods of time during which the pressure drop across the baghouse did not comply with the allowable range specified above.
 - 2. The permittee shall submit deviation (excursion) reports that identify all exceedances of the rolling, 12-month asphalt production restriction and emission limitation.
 - 3. The permittee shall submit deviation reports that identify any of the following occurrence:

- a. Each day during which an inspection was not performed by the required frequency; and
 - b. Each instance when a control measure, that was to be performed as a result of an inspection, was not implemented.
- 4. Deviation reports shall be submitted in accordance with the reporting requirements of the General Terms and Conditions of this permit.
- 5. The permittee shall notify the U.S. EPA and the Ohio EPA Division of Hazardous Waste Management and the Division of Air Pollution Control (the appropriate Ohio EPA District Office or local air agency), in writing and within 30 days, of burning any used oil exceeding the limitations found in OAC rule 3745-279-11 and/or any incident or occurrence of non-compliance with any other applicable requirement of OAC Chapter 3745-279 and/or 40 CFR part 761; and shall also notify the Ohio EPA Division of Air Pollution Control, within the same amount of time, if any oil is/was burned which exceeds the mercury limitation of 1 ppm and/or is documented as having a heating value of less than 135,000 Btu/gallon.
- 6. The permittee shall submit burner tuning reports to the Ohio EPA, Northeast District Office that summarize the results of each burner tuning. These reports are due within 30 days of the date that the burner tuning was performed.

E. Testing Requirements

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

Emission Limitation:
0.04 gr PE/dscf of exhaust gas, 11.14 lbs of PE/PM10 per hour;

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

Emission Limitation:
5.57 tons of PE/PM10 per rolling, 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying the maximum rolling 12-month asphalt production rate of 300,000 tons by an emission factor of 0.0371 lb/ton divided by 300 TPH) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and recordkeeping in Section C.6.

Emission Limitation:
97.52 pounds sulfur dioxide (SO₂) per hour for slag mixes
13.20 pounds SO₂ per hour for non-slag mixes

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

Emission Limitation:
25.31 tons SO₂ per rolling, 12-month period

Applicable Compliance Method:
The annual emission limitation was established by multiplying the predicted annual asphalt production rate for slag mix of 110,000 tons by an emission factor of 0.368 lb of SO₂/ton of product (based on stack testing performed on July 28, 2004 at Mar-Zane's Youngstown plant) and dividing by 2000 lbs/ton and adding to this the product of multiplying the maximum annual asphalt production rate for non-slag mix of 190,000 tons (when 110,000 tons of slag mix is produced creating worst case scenario) by an emission factor of 0.044 lb of SO₂/ton (based on stack testing performed on August 25, 2004 at Mar-Zane's Youngstown plant) and dividing by 2000 lbs/ton. Compliance with the annual emission rate shall be demonstrated by the monitoring and record keeping for production specified in Section C.6. and the equation to calculate emissions specified in section B.1.

Emissions Limitation:
19.8 pounds nitrogen oxide (NO_x) per hour

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

Emissions Limitation:
9.90 tons NO_x per year

Applicable Compliance Method:
The emission limitation was established by multiplying the maximum annual asphalt production rate of 300,000 tons by a company supplied emission factor of 0.066 lb NO_x/ton of product (AP-42, Section 11.1, Table 11.1-7, 03/04 plus 20% to be conservative due to low rating of factor) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation will be assumed. Compliance with the annual asphalt production rate shall be demonstrated by the monitoring and record keeping in Section C.6.

Emissions Limitation:
106.8 pounds carbon monoxide (CO) per hour

Applicable Compliance Method:
Compliance shall be determined by testing requirements specified in section E.2.

Emissions Limitation:
53.4 tons CO per rolling, 12-month period

Applicable Compliance Method:
The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 300,000 tons by a company supplied emission factor of 0.356 lb CO/ton of product (based on compiled stack test data from the Flexible Pavement Association) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and record keeping in Section C.6.

Emissions Limitation:

55.50 pounds organic compounds (OC) per hour

Applicable Compliance Method:

Compliance shall be determined by testing requirements specified in section E.2.

Emissions Limitation:

27.75 tons OC per rolling, 12-month period

Applicable Compliance Method:

The emission limitation was established by multiplying a maximum rolling 12-month asphalt production rate of 300,000 tons by a company supplied emission factor of 0.185 lb VOC/ton of product (based on compiled stack test data from the Flexible Pavement Association) and dividing by 2000 lbs/ton. Therefore, provided compliance is shown with this annual asphalt production rate, compliance with the emission limitation per rolling 12-month period will be assumed. Compliance with the rolling 12-month asphalt production rate shall be demonstrated by the monitoring and record keeping in Section C.6.

Emissions Limitation:

Visible fugitive particulate emissions shall not exceed 20% opacity as a three-minute average

Applicable Compliance Method:

Compliance with the visible emission limitation for the material handling operation(s) identified above shall be determined in accordance with Test Method 9 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)(3)(a) and (B)(3)(b) of OAC rule 3745-17-03.

Emission Limitation:

Emissions from the baghouse stack shall not exhibit 20% opacity, or greater.

Applicable Compliance Method:

If required compliance shall be demonstrated in accordance with USEPA Reference Method 9 of 40 CFR Part 60, Appendix A.

2. The permittee shall conduct, or have conducted, emission testing for this emissions unit in accordance with the following requirements:

a. The emission testing shall be conducted within by August 1, 2009. However, if no slag mix is produced within this time period, the testing for SO₂ while producing slag mix can be delayed until up to one month after the first batch of slag mix is produced.

b. The emission testing shall be conducted to demonstrate compliance with the following:

i. 11.14 lbs/hr PE/PM₁₀

ii. 0.04 gr/dscf

iii. 13.20 lbs/hr SO₂ for non-slag mixes

iv. 97.52 lbs/hr for slag mixes

v. 106.8 lbs/hr CO

vi. 55.50 lbs/hr OC

vii. 19.80 lbs/hr NO_x

c. The emission testing shall also be conducted to verify the following company supplied emission factors:

i. 0.044 lbs SO₂/ton of product for non-slag mixes

ii. 0.368 lbs SO₂/ton of product for slag mixes

iii. 0.066 lbs NO_x/ton of product

iv. 0.356 lbs CO/ton of product

v. 0.185 lbs OC/ton of product

d. The following test method(s) shall be employed to demonstrate compliance with the above emission limitations and verify company supplied emission factors:

i. Methods 1 - 4 of 40 CFR Part 60, Appendix A

ii. for PE & gr/dscf- Method 5, of 40 CFR Part 60, Appendix A.

iii. for SO₂- Method 6 or 6C, of CFR Part 60, Appendix A.

iv. for CO- Method 10, of CFR Part 60, Appendix A.

v. for NO_x- Method 7 or 7E of CFR Part 60, Appendix A.

vi. for OC- Method 18 or 25, of CFR Part 60, Appendix A.

The test(s) shall be conducted while the emissions unit is operating at its maximum capacity unless otherwise specified or approved by the appropriate Ohio EPA District or local air agency.

e. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification. The company shall demonstrate in the "Intent to Test" what is "Worst Case" for particulate emissions. (e.g. "Virgin aggregate"/slag.) This "Worst Case" scenario shall be pre-approved by the Ohio EPA, Division of Air Pollution Control, Northwest District Office. The "Intent to Test" notification shall describe in detail

the proposed test methods and procedures, the emission unit operating parameters, the time(s) and date(s) of the test(s), and the person(s) who will be conducting the test(s). Failure to submit such notification for review and approval prior to the test(s) may result in the field office's refusal to accept the results of the emissions test(s).

f. Personnel from the Ohio EPA, Northeast District Office shall be permitted to witness the test(s), examine the testing equipment, and acquire data and information necessary to ensure that the operation of the emissions unit and the testing procedures provide a valid characterization of the emissions from the emissions unit and/or the performance of the control equipment.

g. A comprehensive written report on the results of the emissions test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northeast District Office within 30 days following completion of the test(s). The permittee may request additional time for the submittal of the written report, where warranted, with prior approval from the Ohio EPA, Northeast District Office.

F. Miscellaneous Requirements

1. Modeling to demonstrate compliance with the Ohio EPA's "Air Toxic Policy" was not necessary because the emissions unit's maximum annual emissions for each toxic compound will be less than 1.0 ton. OAC Chapter 3745-31 requires permittees to apply for and obtain a new or modified permit to install prior to making a "modification" as defined by OAC rule 3745-31-01. The permittee is hereby advised that changes in the composition of the materials, or use of new materials, that would cause the emissions of any pollutant that has a listed TLV to increase to above 1.0 ton per year may require the permittee to apply for and obtain a new permit-to-install.
2. In accordance with the provisions of OAC rule 3745-31-05, the following special terms and conditions of this permit to install are federally enforceable: A-E.