

Facility ID: 0388000043 Issuance type: Title V Draft Permit

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 III" and before "I. Applicable Emissions Limitations..." has been added to aid in document conversion, and was not part of the original issued permit.

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Part II - Specific Facility Terms and Conditions

a State and Federally Enforceable Section

1. The permittee may be subject to the National Emission Standards for Hazardous Air Pollutants (NESHAP) for Lime Manufacturing NESHAP, 40 CFR Part 63, Subpart AAAAA. U.S. EPA failed to promulgate this standard by May 15, 2002, the Maximum Achievable Control Technology (MACT) hammer date. In accordance with 40 CFR Part 63, Subpart B (40 CFR Parts 63.50 through 63.56), the permittee shall submit an application to revise the permit to include equivalent emission limitations as a result of a case-by-case MACT determination. The application shall be submitted in two parts. The deadline to submit the Part I application, as specified in 40 CFR Part 63.53, was May 15, 2002.
2. If the final NESHAP standard is not promulgated by the deadline specified by U.S. EPA, the permittee shall submit the Part II application as specified in 40 CFR Part 63.53. The Part II application shall be submitted within 60 days after the deadline to promulgate the respective standard or by May 15, 2003, whichever is later. It must contain the following information, unless otherwise specified by future U.S. EPA regulations:
 - a. for a new affected source, the anticipated date of startup of operation;
 - b. the hazardous air pollutants (HAPs) emitted by each affected source in the relevant source category and an estimated total uncontrolled and controlled emission rate for HAPs from the affected source;
 - c. any existing federal, State, or local limitations or requirements applicable to the affected source;
 - d. for each affected emission point or group of affected emission points, an identification of control technology in place;
 - e. information relevant to establishing the MACT floor (or MACT emission limitation), and, at the option of the permittee, a recommended MACT floor; and
 - f. any other information reasonably needed by the permitting authority including, at the discretion of the permitting authority, information required pursuant to Subpart A of 40 CFR Part 63.
The Part II application for a MACT determination may, but is not required to, contain the following information:
 - a. recommended emission limitations for the affected source and support information (the permittee may recommend a specific design, equipment, work practice, or operational standard, or combination thereof, as an emission limitation);
 - b. a description of the control technologies that would be applied to meet the emission limitation, including technical information on the design, operation, size, estimated control efficiency and any other information deemed appropriate by the permitting authority, and identification of the affected sources to which the control technologies must be applied; and
 - c. relevant parameters to be monitored and frequency of monitoring to demonstrate continuous compliance with the MACT emission limitation over the applicable reporting period.
3. If the NESHAP is promulgated before the Part II application is due for the relevant source category, the permittee may be subject to the rule as an existing major source with a compliance date as specified in the NESHAP. If subject, the permittee shall submit the following notifications:
 - a. Unless otherwise specified in the relevant Subpart, within 120 days after promulgation of a 40 CFR Part 63 Subpart to which the source is subject, the permittee shall submit an Initial Notification Report that contains the following information, in accordance with 40 CFR Part 63.9(b)(2):
 - i. the name and mailing address of the permittee;
 - ii. the physical location of the source if it is different from the mailing address;
 - iii. identification of the relevant MACT standard and the source's compliance date;
 - iv. a brief description of the nature, design, size, and method of operation of the source, and an identification of the types of emission points within the affected source subject to the relevant standard and the types of HAPs emitted; and

- v. a statement confirming the facility is a major source for HAPs.
- b. Unless otherwise specified in the relevant Subpart, within 60 days following completion of any required compliance demonstration activity specified in the relevant Subpart, the permittee shall submit a notification of compliance status that contains the following information:
 - i. the methods used to determine compliance;
 - ii. the results of any performance tests, visible emission observations, continuous monitoring systems performance evaluations, and/or other monitoring procedures or methods that were conducted;
 - iii. the methods that will be used for determining continuous compliance, including a description of monitoring and reporting requirements and test methods;
 - iv. the type and quantity of HAPs emitted by the source, reported in units and averaging times in accordance with the test methods specified in the relevant Subpart;
 - v. an analysis demonstrating whether the affected source is a major source or an area source;
 - vi. a description of the air pollution control equipment or method for each emission point, including each control device or method for each HAP and the control efficiency (percent) for each control device or method; and
 - vii. a statement of whether or not the permittee has complied with the requirements of the relevant Subpart.

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b State Only Enforceable Section

1. The following insignificant emissions units are located at this facility:

Z003 (maintenance welding operations);
Z004 (maintenance painting operations);
F002 (storage piles); and
F009 (screening and material handling operations).

Each insignificant emissions unit at this facility must comply with all applicable State and federal regulations, as well as any emission limitations and/or control requirements contained within a Permit to Install for the emissions unit.

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0388000043 Emissions Unit ID: F001 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
paved roadways and parking areas	OAC rule 3745-17-07(B)(4)	no visible particulate emissions (PE) from paved roadways except for 6 minutes during any 60-minute period
	OAC rules 3745-17-08(B)(8) and (B)(9)	reasonably available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust from paved roadways
unpaved roadways and parking areas	OAC rule 3745-17-07(B)(5)	See Sections A.1.2.a, A.1.2.c, A.1.2.d, and A.1.2.f through A.1.2.j below.
	OAC rules 3745-17-08(B)(2) and (B)(9)	no visible PE from unpaved roadways except for 13 minutes during any 60-minute period reasonably available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust from unpaved roadways
See Sections A.1.2.b and A.1.2.e through A.1.2.k below.		

2. Additional Terms and Conditions

- a. The paved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07(B)(4) and 3745-17-08(B)(8) and (B)(9) are listed below:
 - (a) Paved Roadways: all lime plant paved roadways
Paved Parking Areas: all lime plant paved parking areas
- b. The unpaved roadways and parking areas that are covered by this permit and subject to the requirements of OAC rules 3745-17-07(B)(5) and 3745-17-08(B)(2) and (B)(9) are listed below:
 - Unpaved Roadways: all lime plant unpaved roadways
Unpaved Parking Areas: all lime plant unpaved parking lots
- c. The permittee shall employ reasonably 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 vacuum sweeping, and/or water flushing at sufficient treatment frequencies to ensure compliance, and speed limit restrictions (10 mph). Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.

- d. The permittee shall employ reasonably 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 by watering, oiling (except not with used oil as defined in OAC Chapter 3745-279), and/or chemical stabilization at sufficient treatment frequencies and speed limit restrictions (10 mph) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- e. The permittee shall employ reasonably 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 by watering, oiling (except not with used oil as defined in OAC Chapter 3745-279), and/or chemical stabilization at sufficient treatment frequencies and speed limit restrictions (10 mph) to ensure compliance. Nothing in this paragraph shall prohibit the permittee from employing other control measures to ensure compliance.
- f. 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.
- g. 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.
- h. 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.
- i. 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.
- j. 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 3745-17-08.

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II. Operational Restrictions

1. The permittee shall only apply virgin oil for the suppression of fugitive dust.
2. When the permittee uses oil for the suppression of fugitive dust, the following restrictions shall apply:
 - i. oils shall be applied in such a manner as to prevent pollution of waters of the State as required by the Ohio Revised Code, Section 6111;
 - ii. oils shall be applied only to unpaved road and parking lot surfaces, and only between sunrise and sundown (daylight hours);
 - iii. oils shall not be applied to a water-saturated surface and not to surfaces on days of predicted rainfall events;
 - iv. oils shall not be applied at an application rate that allows pooling of liquid;
 - v. oils shall not be applied to the same surfaces more frequently than twice per week;
 - vi. the application of oils shall not cause runoff from the application surface;
 - vii. oils shall not be applied to vegetation near or adjacent to surfaces being treated;
 - viii. oils shall not be applied within 12 feet of structures crossing bodies of water or drainage ditches;
 - ix. the discharge of oils must stop when the applicator vehicle stops;
 - x. the applicator vehicle must be moving at least 5 mph at all times while the oils are being applied;
 - xi. the applicator vehicle discharge valve shall be locked closed between the oil collection point and the

specific surfaces that have been approved for oil application;

xii. any valves that provide for tank drainage other than through the spreading bar must be locked closed during oil application and transport; and

xiii. the angle of discharge from the applicator vehicle spreader bar shall not be greater than 60 degrees from the perpendicular to the unpaved surface.

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III. Monitoring and/or Record Keeping Requirements

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

Paved Roadways and Parking Areas: all paved roadways and parking areas

Minimum Inspection Frequency: daily

Unpaved Roadways and Parking Areas: all unpaved roadways and parking areas

Minimum Inspection Frequency: 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 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 (1) the paved roadways and parking areas and (2) 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.
4. The permittee shall obtain an analysis of the oil used for the suppression of fugitive dust from the supplier and a certification that it is not classified as a "waste" or "used" oil (as defined in OAC Chapter 3745-279).

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify each of the following:
 - 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 paragraph A.1.c.ii of the General Terms and Conditions of this permit.

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V. Testing Requirements

1. Compliance with the emission limitations specified in Section A.1.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: no visible PE from paved roadways except for 6 minutes during any 60-minute period

Applicable Compliance Method: Compliance with the visible PE limitation for the paved roadways and parking areas specified in Section A of this permit 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.

- b. Emission Limitation: no visible PE from unpaved roadways except for 13 minutes during any 60-minute period

Applicable Compliance Method: Compliance with the visible PE limitation for the unpaved roadways and parking areas specified in Section A of this permit 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.

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VI. **Miscellaneous Requirements**

- 1. None

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B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0388000043 Emissions Unit ID: F005 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
lime plant transfer equipment and loadouts, equipped with two baghouses	OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B)(3)	Visible particulate emissions (PE) of fugitive dust shall not exceed 20% opacity, as a 3-minute average, except as provided by rule. reasonably available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See Section A.I.2.b.)

2. Additional Terms and Conditions

- a. The material handling operations that are associated with this emissions unit and are subject to the emission limitation and control requirements specified in Section A.1 are as follows:

- (a)
 - Emissions Point: lime bin #1
Equipment Type: storage bin
 - Emissions Point: lime bin #2
Equipment Type: storage bin
 - Emissions Point: lime bin #3
Equipment Type: storage bin
 - Emissions Point: lime bin #4
Equipment Type: storage bin
 - Emissions Point: lime bin #5
Equipment Type: storage bin
 - a. Emissions Point: lime bin #6
Equipment Type: storage bin
 - Emissions Point: lime bin #7
Equipment Type: storage bin
 - Emissions Point: lime bin #8
Equipment Type: storage bin
 - Emissions Point: lime bin #9
Equipment Type: storage bin
 - Emissions Point: lime bin #10
Equipment Type: storage bin
 - Emissions Point: lime bin #11
Equipment Type: storage bin
 - Emissions Point: 16M bin#1
Equipment Type: storage bin
 - Emissions Point: 16M bin #2

Equipment Type: storage bin

Emissions Point: 16M bin #3
Equipment Type: storage bin

Emissions Point: conveyor 2 to storage bin 1
Equipment Type: transfer point

Emissions Point: conveyor 2 to storage bin 2
Equipment Type: transfer point

Emissions Point: conveyor 2 to storage bin 3
Equipment Type: transfer point

Emissions Point: conveyor 2 to storage bin 6
Equipment Type: transfer point

Emissions Point: screw conveyor 32 to storage bin 8
Equipment Type: transfer point

Emissions Point: screw conveyor 32 to storage bin 9
Equipment Type: transfer point

Emissions Point: screw conveyor 22 to storage bin 1
Equipment Type: transfer point

Emissions Point: screw conveyor 23 to storage bin 2
Equipment Type: transfer point

Emissions Point: elevator 5 to storage bin 4
Equipment Type: transfer point

a. Emissions Point: elevator 5 to storage 5
Equipment Type: transfer point

Emissions Point: screw conveyor 31 to storage bin 7
Equipment Type: transfer point

Emissions Point: storage bin 1 to load out spout 1
Equipment Type: transfer point

Emissions Point: storage bin 1 to screw conveyor 24
Equipment Type: transfer point

Emissions Point: storage bin 2 to load out spout 3
Equipment Type: transfer point

Emissions Point: storage bin 2 to screw conveyor 24
Equipment Type: transfer point

Emissions Point: storage bin 1 to load out spout 2
Equipment Type: transfer point

Emissions Point: storage bin 2 to load out spout 2
Equipment Type: transfer point

Emissions Point: storage bin 3 to load out spout 4
Equipment Type: transfer point

Emissions Point: storage bin 4 to load out spout 5
Equipment Type: transfer point

Emissions Point: storage bin 5 to load out spout 6
Equipment Type: transfer point

Emissions Point: storage bin 6 to load out spout 7
Equipment Type: transfer point

Emissions Point: storage bin 7 to load out spout 8
Equipment Type: transfer point

Emissions Point: storage bin 8 to load out spout 8
Equipment Type: transfer point

Emissions Point: storage bin 9 to load out spout 8
Equipment Type: transfer point

Emissions Point: storage bin 10 to load out spout 9
Equipment Type: transfer point

Emissions Point: storage bin 11 to load out spout 10
Equipment Type: transfer point

Emissions Point: conveyor 5 to load out spout 11
Equipment Type: transfer point

- a. Emissions Point: 16M bin 1 to load out spout 12
Equipment Type: transfer point

- Emissions Point: 16M bin 2 to load out spout 12
Equipment Type: transfer point

- Emissions Point: 16M bin 3 to load out spout 12
Equipment Type: transfer point

- Emissions Point: load out spout 1
Equipment Type: vacuum spout for load out of pebble to truck

- Emissions Point: load out spout 2
Equipment Type: midwest spout for load out of pebble to rail

- Emissions Point: load out spout 3
Equipment Type: vacuum spout for load out of pebble to truck

- Emissions Point: load out spout 4
Equipment Type: midwest spout for load out of pebble to truck

- Emissions Point: load out spout 5
Equipment Type: midwest spout for load out of 16M to truck

- Emissions Point: load out spout 6
Equipment Type: midwest spout for load out of 16M to truck

- Emissions Point: load out spout 7
Equipment Type: midwest spout for load out of 200M/pebble to truck

- Emissions Point: load out spout 8
Equipment Type: midwest spout for load out of 200M/40M to truck or rail

- Emissions Point: load out spout 9
Equipment Type: midwest spout for load out of hydrate to truck

- Emissions Point: load out spout 10
Equipment Type: midwest spout for load out of hydrate to truck

- Emissions Point: load out spout 11
Equipment Type: midwest spout for load out of hydrate to rail

- Emissions Point: load out spout 12
Equipment Type: midwest spout for load out of 16M to rail

- Emissions Point: small hydrate bins to storage bin 10
Equipment Type: transfer point

- Emissions Point: small hydrate bins to storage bin 11
Equipment Type: transfer point

- b. The permittee shall employ reasonably available control measures (RACM) at all times for the control of fugitive dust emissions associated with this emissions unit. The following control techniques shall be implemented to reduce fugitive dust emissions:
 - i. the use of hooding, retractable loading spouts and building enclosures shall be employed at all material handling points associated with the bins and at loadout spouts 1 through 12 to minimize or eliminate visible PE of fugitive dust at the point(s) of capture to the extent possible with good engineering design; and
 - ii. all fugitive dust captured at bin vents of lime bins #10 and #11, and at loadouts of bins 1 through 12, and 16M bins 1 through 3 shall be vented to the baghouse, which shall achieve an outlet loading of not greater than 0.030 grain of PE per dry standard cubic foot (dscf) of exhaust gases or no visible PE from the baghouse exhaust stack, whichever is less stringent.

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the baghouses (F005-BH and F005a-BH) serving this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:

- a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE of fugitive dust from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible PE of fugitive dust shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible PE were observed from the baghouses serving this emissions unit (b) identify all days during which visible PE of fugitive dust were observed from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit, and (c) describe any corrective actions taken to eliminate the visible PE. These reports shall be submitted to the Ohio EPA, Northwest District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from from the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 0.030 grain of PE/dscf

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the PE grain loading limitation through emission tests performed in accordance with OAC rule 3745-17-03(B)(7).
 - b. Emission Limitation: Visible PE of fugitive dust shall not exceed 20% opacity, as a 3-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation of fugitive dust shall be determined by the test method and procedures specified in OAC rule 3745-17-03(B)(3).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0388000043 Emissions Unit ID: F005 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
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2. Additional Terms and Conditions

1. None

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. None

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IV. Reporting Requirements

1. None

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V. Testing Requirements

1. None

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VI. Miscellaneous Requirements

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0388000043 Emissions Unit ID: F008 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
secondary crushing, screening, and material handling with one baghouse	OAC rule 3745-17-07(B)(1) OAC rule 3745-17-08(B)(3)	Visible particulate emissions (PE) of fugitive dust shall not exceed 20% opacity, as a 3-minute average, except as specified by rule. reasonably available control measures that are sufficient to minimize or eliminate visible PE of fugitive dust (See Section A.I.2.b.)

2. Additional Terms and Conditions

- a. The material handling operations that are associated with this emissions unit and are subject to the emission limitation and control requirements specified in Section A.1 are as follows:

(a)

Emissions Point: kiln storage bin #7 to feeder 7
Equipment Type: transfer point, F008-1

Emissions Point: kiln storage bin #8 to feeder 8
Equipment Type: transfer point, F008-2

Emissions Point: kiln storage bin #9 to feeder 9
Equipment Type: transfer point, F008-3

Emissions Point: kiln storage bin #9.5 to feeder 9.5
Equipment Type: transfer point, F008-4

Emissions Point: kiln storage bin #10 to feeder 10
Equipment Type: transfer point, F008-5

- a. Emissions Point: kiln storage bin #10.5 to feeder 10.5
Equipment Type: transfer point, F008-6

Emissions Point: kiln storage bin #11 to feeder 11
Equipment Type: transfer point, F008-7

Emissions Point: kiln storage bin #11.5 to feeder 11.5
Equipment Type: transfer point, F008-8

Emissions Point: kiln storage bin #12 to feeder 12
Equipment Type: transfer point, F008-9

Emissions Point: feeder 7 to AC 1
Equipment Type: transfer point, F008-10

Emissions Point: feeder 8 to AC 1
Equipment Type: transfer point, F008-11

Emissions Point: feeder 9 to AC 1
Equipment Type: transfer point, F008-12

Emissions Point: feeder 9.5 to AC 1
Equipment Type: transfer point, F008-13

Emissions Point: feeder 10 to AC 1
Equipment Type: transfer point, F008-14

Emissions Point: feeder 10.5 to AC 1
Equipment Type: transfer point, F008-15

Emissions Point: feeder 11 to AC 1
Equipment Type: transfer point, F008-16

Emissions Point: feeder 11.5 to AC 1
Equipment Type: transfer point, F008-17

Emissions Point: feeder 12 to AC 1
Equipment Type: transfer point, F008-18

Emissions Point: storage bin to feeder 4 (option)
Equipment Type: transfer point, F008-19

Emissions Point: storage bin to AC 2 (option)
Equipment Type: transfer point, F008-20

Emissions Point: storage bin to AC 2 (option)

Equipment Type: transfer point, F008-21

Emissions Point: AC 1 to conveyor 7
Equipment Type: transfer point, F008-22

Emissions Point: conveyor 7 to elevator 9
Equipment Type: transfer point, F008-23

Emissions Point: screen 3
Equipment Type: screen, F008-24

a. Emissions Point: elevator 9 to screen 3
Equipment Type: transfer point, F008-25

Emissions Point: screen 3 to AC 3
Equipment Type: transfer point, F008-26

Emissions Point: screen 3 to surge bin
Equipment Type: transfer point, F008-27

Emissions Point: screen 3 to screw conveyor 1
Equipment Type: transfer point, F008-28

Emissions Point: AC 2 to AC 3
Equipment Type: transfer point, F008-29

Emissions Point: feeder 4 to AC 3
Equipment Type: transfer point, F008-30

Emissions Point: AC 3 to elevator 1
Equipment Type: transfer point, F008-31

Emissions Point: elevator 1 to screw conveyor 2
Equipment Type: transfer point, F008-32

Emissions Point: screen 4
Equipment Type: screen, F008-33

Emissions Point: screw conveyor 2 to screen 4
Equipment Type: transfer point, F008-34

Emissions Point: screen 4 to conveyor 1
Equipment Type: transfer point, F008-35

Emissions Point: conveyor 1 to conveyor 2
Equipment Type: transfer point, F008-36

Emissions Point: screen 4 to conveyor 5
Equipment Type: transfer point, F008-41

Emissions Point: screen 4 to screw conveyor 3
Equipment Type: transfer point, F008-42

Emissions Point: screw conveyor 2 to screw conveyor 3
Equipment Type: transfer point, F008-43

Emissions Point: screw conveyor 3 to east raw bin #2
Equipment Type: transfer point, F008-44

Emissions Point: east raw bin #2 to feeder 6
Equipment Type: transfer point, F008-45

Emissions Point: feeder 6 to screw conveyor 4
Equipment Type: transfer point, F008-46

Emissions Point: screw conveyor 4 to elevator 2
Equipment Type: transfer point, F008-47

a. Emissions Point: elevator 2 to surge bin
Equipment Type: transfer point, F008-48

Emissions Point: feeder 10 to HM
Equipment Type: transfer point, F008-50

Emissions Point: HM to screw conveyor 1
Equipment Type: transfer point, F008-51

Emissions Point: screw conveyor 1 to elevator 3
Equipment Type: transfer point, F008-52

Emissions Point: elevator 3 to screw conveyor 5
Equipment Type: transfer point, F008-53

Emissions Point: screw conveyor 5 to air separator

Equipment Type: transfer point, F008-54

Emissions Point: screen 5
Equipment Type: screen, F008-55

Emissions Point: screw conveyor 5 to screen 5 (option)
Equipment Type: transfer point, F008-56

Emissions Point: screw conveyor 5 to 50 ton bin (option)
Equipment Type: transfer point, F008-57

Emissions Point: screen 5 to 50 ton bin
Equipment Type: transfer point, F008-58

Emissions Point: screen 5 to east raw bin #2
Equipment Type: transfer point, F008-59

Emissions Point: 50 ton bin to screw conveyor 7
Equipment Type: transfer point, F008-60

Emissions Point: screw conveyor 7 to elevator 4
Equipment Type: transfer point, F008-61

Emissions Point: elevator 4 to screw conveyor 8
Equipment Type: transfer point, F008-62

Emissions Point: screw conveyor 8 to screen surge bin
Equipment Type: transfer point, F008-63

Emissions Point: screen surge bin to west raw bin #1
Equipment Type: transfer point, F008-64

Emissions Point: screen surge bin to screw conveyor 9 (option)
Equipment Type: transfer point, F008-65

Emissions Point: screen surge bin to screw conveyor 11 (option)
Equipment Type: transfer point, F008-66

Emissions Point: screen surge bin to screw conveyor 13 (option)
Equipment Type: transfer point, F008-67

a. Emissions Point: screw conveyor 9 to screw conveyor 10
Equipment Type: transfer point, F008-68

Emissions Point: screen 10
Equipment Type: screen, F008-69

Emissions Point: screw conveyor 10 to screen 10
Equipment Type: transfer point, F008-70

Emissions Point: screen 10 to screw conveyor 16
Equipment Type: transfer point, F008-71

Emissions Point: screen 10 to screw conveyor 17
Equipment Type: transfer point, F008-72

Emissions Point: screen 10 to screw conveyor 21
Equipment Type: transfer point, F008-73

Emissions Point: screw conveyor 13 to screw conveyor 14
Equipment Type: transfer point, F008-74

Emissions Point: screw conveyor 14 to screw conveyor 15
Equipment Type: transfer point, F008-75

Emissions Point: screen 8
Equipment Type: screen, F008-76

Emissions Point: screen 9
Equipment Type: screen, F008-77

Emissions Point: screw conveyor 15 to screen 8
Equipment Type: transfer point, F008-78

Emissions Point: screw conveyor 15 to screen 9
Equipment Type: transfer point, F008-79

Emissions Point: screen 8 to screw conveyor 17
Equipment Type: transfer point, F008-80

Emissions Point: screen 9 to screw conveyor 17
Equipment Type: transfer point, F008-81

Emissions Point: screen 8 to screw conveyor 21
Equipment Type: transfer point, F008-82

Emissions Point: screen 9 to screw conveyor 21
Equipment Type: transfer point, F008-83

Emissions Point: screen 8 to screw conveyor 23
Equipment Type: transfer point, F008-84

Emissions Point: screen 9 to screw conveyor 23
Equipment Type: transfer point, F008-85

Emissions Point: screw conveyor 11 to screw conveyor 12
Equipment Type: transfer point, F008-86

- a. Emissions Point: screen 6
Equipment Type: screen, F008-87
- Emissions Point: screen 7
Equipment Type: screen, F008-88
- Emissions Point: screw conveyor 12 to screen 6
Equipment Type: transfer point, F008-89
- Emissions Point: screw conveyor 12 to screen 7
Equipment Type: transfer point, F008-90
- Emissions Point: screen 6 to screw conveyor 17
Equipment Type: transfer point, F008-91
- Emissions Point: screen 7 to screw conveyor 17
Equipment Type: transfer point, F008-92
- Emissions Point: screen 6 to screw conveyor 22
Equipment Type: transfer point, F008-95
- Emissions Point: screen 7 to screw conveyor 22
Equipment Type: transfer point, F008-96
- Emissions Point: screw conveyor 16 to 16M bin #3
Equipment Type: transfer point, F008-97
- Emissions Point: screw conveyor 17 to screw conveyor 18
Equipment Type: transfer point, F008-98
- Emissions Point: screw conveyor 18 to screw conveyor 19
Equipment Type: transfer point, F008-99
- Emissions Point: screw conveyor 19 to screw conveyor 20
Equipment Type: transfer point, F008-100
- Emissions Point: screw conveyor 20 to screw conveyor 32
Equipment Type: transfer point, F008-101
- Emissions Point: screw conveyor 21 to east raw bin #2
Equipment Type: transfer point, F008-104
- Emissions Point: screw conveyor 24 to screw conveyor 33
Equipment Type: transfer point, F008-107
- Emissions Point: screw conveyor 33 to elevator 5
Equipment Type: transfer point, F008-108
- Emissions Point: air separator to screw conveyor 6
Equipment Type: transfer point, F008-111
- Emissions Point: screw conveyor 6 to screw conveyor 19
Equipment Type: transfer point, F008-112
- Emissions Point: screw conveyor 6 to screw conveyor 30 (option)
Equipment Type: transfer point, F008-113
- a. Emissions Point: screw conveyor 6 to west raw bin #1 (option)
Equipment Type: transfer point, F008-114
- Emissions Point: screw conveyor 30 to screw conveyor 31
Equipment Type: transfer point, F008-115
- Emissions Point: east raw bin #2 to elevator 6
Equipment Type: transfer point, F008-117
- Emissions Point: west raw bin #1 to elevator 6
Equipment Type: transfer point, F008-118
- Emissions Point: elevator 6 to east raw bin #2
Equipment Type: transfer point, F008-119

Emissions Point: elevator 6 to west raw bin #1
Equipment Type: transfer point, F008-120

Emissions Point: elevator 6 to conveyor 3 (option)
Equipment Type: transfer point, F008-121

Emissions Point: elevator 6 to conveyor 4 (option)
Equipment Type: transfer point, F008-122

Emissions Point: conveyor 3 to #1 hydrator
Equipment Type: transfer point, F008-123

Emissions Point: #1 hydrator to screw conveyor 27
Equipment Type: transfer point, F008-124

Emissions Point: conveyor 4 to #2 hydrator
Equipment Type: transfer point, F008-125

Emissions Point: #2 hydrator to screw conveyor 25
Equipment Type: transfer point, F008-126

Emissions Point: screw conveyor 25 to screw conveyor 26
Equipment Type: transfer point, F008-127

Emissions Point: screw conveyor 26 to screw conveyor 27
Equipment Type: transfer point, F008-128

Emissions Point: screw conveyor 27 to elevator 7
Equipment Type: transfer point, F008-129

Emissions Point: elevator 7 to screw conveyor 28
Equipment Type: transfer point, F008-130

Emissions Point: screw conveyor 28 to hydrate bin #1
Equipment Type: transfer point, F008-131

Emissions Point: screw conveyor 28 to hydrate bin #2
Equipment Type: transfer point, F008-132

Emissions Point: screw conveyor 28 to hydrate bin #3
Equipment Type: transfer point, F008-133

a. Emissions Point: hydrate bin #1 to screw conveyor 29
Equipment Type: transfer point, F008-134

Emissions Point: hydrate bin #2 to screw conveyor 29
Equipment Type: transfer point, F008-135

Emissions Point: hydrate bin #3 to screw conveyor 29
Equipment Type: transfer point, F008-136

Emissions Point: screw conveyor 29 to elevator 8
Equipment Type: transfer point, F008-137

Emissions Point: elevator 8 to feed bin
Equipment Type: transfer point, F008-138

Emissions Point: crusher 1
Equipment Type: crusher, F008-139

Emissions Point: feed bin to crusher 1
Equipment Type: transfer point, F008-140

Emissions Point: crusher 1 to cyclone
Equipment Type: transfer point, F008-141

Emissions Point: cyclone to screw conveyor 34
Equipment Type: transfer point, F008-142

Emissions Point: cyclone to crusher 1
Equipment Type: transfer point, F008-143

Emissions Point: screw conveyor 34 to small hydrate bin #1
Equipment Type: transfer point, F008-144

Emissions Point: screw conveyor 34 to small hydrate bin #2
Equipment Type: transfer point, F008-145

Emissions Point: kiln #1 to cooler #1
Equipment Type: transfer point, F008-152

Emissions Point: cooler #1 to feeder 2
Equipment Type: transfer point, F008-153

Emissions Point: feeder 2 to conveyor 8
Equipment Type: transfer point, F008-154

Emissions Point: conveyor 8 to conveyor 4
Equipment Type: transfer point, F008-155

Emissions Point: kiln #2 to cooler #2
Equipment Type: transfer point, F008-159

a. Emissions Point: cooler #2 to feeder 3
Equipment Type: transfer point, F008-160

Emissions Point: feeder 3 to conveyor 7
Equipment Type: transfer point, F008-161

Emissions Point: conveyor 7 to conveyor 4
Equipment Type: transfer point, F008-162

Emissions Point: conveyor 4 to conveyor 5
Equipment Type: transfer point, F008-163

Emissions Point: conveyor 5 to conveyor 6
Equipment Type: transfer point, F008-164

Emissions Point: conveyor 6 to kiln storage bin 7
Equipment Type: transfer point, F008-165

Emissions Point: conveyor 6 to kiln storage bin 8
Equipment Type: transfer point, F008-166

Emissions Point: conveyor 6 to kiln storage bin 9
Equipment Type: transfer point, F008-167

Emissions Point: conveyor 6 to kiln storage bin 9.5
Equipment Type: transfer point, F008-168

Emissions Point: conveyor 6 to kiln storage bin 10
Equipment Type: transfer point, F008-169

Emissions Point: conveyor 6 to kiln storage bin 10.5
Equipment Type: transfer point, F008-170

Emissions Point: conveyor 6 to kiln storage bin 11
Equipment Type: transfer point, F008-171

Emissions Point: conveyor 6 to kiln storage bin 11.5
Equipment Type: transfer point, F008-172

Emissions Point: conveyor 6 to kiln storage bin 12
Equipment Type: transfer point, F008-173

b. The permittee shall employ reasonably available control measures (RACM) at all times for the control of fugitive dust emissions associated with this emissions unit. The following control techniques shall be implemented to reduce fugitive dust emissions:

i. the use of hooding and building enclosures around the kiln raw material storage bins (during loading operations) to minimize or eliminate visible PE of fugitive dust at the point(s) of capture to the extent possible with good engineering design;

ii. all fugitive dust captured by the hooding and the building enclosures shall be vented to the baghouse, which shall achieve an outlet loading of not greater than 0.030 grain of PE per dry standard cubic foot (dscf) of exhaust gases or no visible PE from the baghouse exhaust stack, whichever is less stringent; and

iii. the use of a building enclosure and naturally occurring high moisture content* for the raw material storage, the secondary crushing, screening, material handling operations, and the finished product storage.

* If the moisture content falls below an acceptable level, watering of the material shall be implemented to ensure compliance.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the baghouse (LOAD-BH) serving this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.
2. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE of fugitive dust from all the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit. The presence or absence of any visible PE of fugitive dust shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to minimize or eliminate the visible emissions.

If visible emissions are present, a visible emission incident has occurred. The observer does not have to document the exact start and end times for the visible emission incident under item (d) above or continue the daily check until the incident has ended. The observer may indicate that the visible emission incident was continuous during the observation period (or, if known, continuous during the operation of the emissions unit). With respect to the documentation of corrective actions, the observer may indicate that no corrective actions were taken if the visible emissions were representative of normal operations, or specify the minor corrective actions that were taken to ensure that the emissions unit continued to operate under normal conditions, or specify the corrective actions that were taken to eliminate abnormal visible emissions.

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IV. Reporting Requirements

1. The permittee shall submit semiannual written reports that (a) identify all days during which any visible PE were observed from the baghouse serving this emissions unit and (b) describe any corrective actions taken to eliminate the visible PE. These reports shall be submitted to the Ohio EPA, Northwest District Office by January 31 and July 31 of each year and shall cover the previous 6-month period.
2. The permittee shall submit semiannual written reports that (a) identify all days during which any visible fugitive particulate emissions were observed from all the egress points (i.e., building windows, doors, roof monitors, etc.) serving this emissions unit and (b) describe any corrective actions taken to minimize or eliminate the visible fugitive particulate emissions. These reports shall be submitted to the Director (the Ohio EPA, Northwest District Office) by January 31 and July 31 of each year and shall cover the previous 6-month period.

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V. Testing Requirements

1. Compliance with the emission limitations specified in Section A.1.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 0.030 grain of PE/dscf or no visible PE (from the baghouse)

Applicable Compliance Method: If required, the permittee shall demonstrate compliance with the PE limitation above in accordance with OAC rule 3745-17-03(B)(7).
 - b. Emission Limitation: Visible PE of fugitive dust shall not exceed 20% opacity, as a 3-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation of fugitive dust shall be determined by the test method and procedures specified in OAC rule 3745-17-03(B)(3).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 0388000043 Emissions Unit ID: F008 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0388000043 Emissions Unit ID: P003 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
coal-fired and/or natural gas-fired calcimatic lime kiln #1, with cyclone and venturi scrubber	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	53.1 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)
	OAC rule 3745-18-06(E)	211 lbs of sulfur dioxide (SO ₂) emissions/hr
		See Section A.I.2.b below.

2. Additional Terms and Conditions

- a. Emissions units P003 and P004 are subject to the "grouping" provisions of OAC rule 3745-17-11(A)(3). Therefore, the PE from emissions units P003 and P004, combined shall not exceed 53.1 lbs of PE/hour.
- b. The permittee shall employ a cyclone and venturi scrubber to control all PE from this emissions unit.
- c. When this emissions unit is using natural gas as its only fuel source actual SO₂ emissions are negligible (the combustion of natural gas produces negligible amounts of SO₂ emissions).

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II. Operational Restrictions

1. The pressure drop across the venturi scrubber shall be continuously maintained at a value of not less than the value determined during the most recent emission test that demonstrated this emissions unit was in compliance.
2. The scrubber water flow rate shall be continuously maintained at a value of not less than 1,200 gallons per minute at all times while this emissions unit is in operation.
3. The permittee shall burn only natural gas and/or coal in this emissions unit.
4. The quality of coal burned in this emissions unit shall meet a sulfur content that is equal to or less than the sulfur content (in lbs/mmBtu) determined during the most recent emission testing that determined this emissions unit was in compliance.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect or require the coal supplier to collect a representative grab sample of each shipment of coal that is received for burning in this emissions unit. At the end of each calendar month, the representative samples of coal from all shipments of coal that were received during that calendar month shall each be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for sulfur content (percent) and heat content (Btu/pound of coal). The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the most recent version of the following ASTM methods: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval from Ohio EPA, Northwest District Office.
2. The permittee shall maintain monthly records of the total quantity of coal received, the results of the analyses for sulfur content and heat content, and the calculated SO₂ emission rate, in lbs of SO₂ emissions/mmBtu.
3. For each day during which the permittee burns a fuel other than natural gas and/or coal, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
4. The permittee shall properly operate and maintain equipment to continuously and accurately monitor the static pressure drop across the scrubber and the scrubber water flow rate while this emissions unit is in operation. The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
5. The permittee shall collect and record the following information each day for this emissions unit:

- a. the pressure drop across the scrubber, in inches of water, on a once/shift basis;
- b. the scrubber water flow rate, in gallons/minute, on a once/shift basis (the permittee may determine the water flow rate based on the scrubber pump amperage, which is directly proportional to flow rate); and
- c. a log of all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all periods of time during which the following scrubber parameters were not maintained at or above the required levels:
 - a. the static pressure drop across the scrubber; and
 - b. the scrubber water flow rate.The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or coal was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall notify the Ohio EPA, Northwest District Office, in writing, of any exceedance of the sulfur content determined during the most recent emissions test that demonstrated this emissions unit was in compliance. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Northwest District Office within 45 days after the exceedance occurs.
4. The permittee shall submit quarterly summaries that specify all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation. The reports shall be submitted by March 31, June 30, September 30 and December 31 of each year and shall cover the previous calendar quarter.

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V. Testing Requirements

1. 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 3 months after issuance of this permit and annually each calendar year thereafter.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for PE and SO₂ emissions.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B) (10)

SO₂ Emissions: Methods 1-4 and 6 of 40 CFR Part 60, Appendix A
 - d. The tests shall be conducted while this emissions unit and emissions unit P004 are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest 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, Northwest District Office.
3. During the emission testing of this emissions unit, the following additional information shall be recorded:
 - a. the water flow rates through the scrubber, every 5 minutes during each test run;
 - b. the pressure drop across the scrubber, in inches of water, every 5 minutes during each test run;

- c. the tons of product produced; and
- d. the sulfur content of the coal, in percent by weight.
- 4. Compliance with the emission limitations specified in Section A.1.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 53.1 lbs of PE/hr, for emissions units P003 and P004, combined (based on OAC rule 3745-17-11(B), Figure II)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).
 - c. Emission Limitation: 211 lbs of SO2 emissions/hr

Applicable Compliance Method: Compliance with the hourly SO2 limitation shall be based on the results of emission testing conducted in accordance with Methods 1 - 4 and 6 of 40 CFR, Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

- 1. None

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Facility ID: 0388000043 Emissions Unit ID: P003 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **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>
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2. **Additional Terms and Conditions**

- 1. None

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II. **Operational Restrictions**

- 1. None

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

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 038800043 Emissions Unit ID: P004 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
coal-fired and/or natural gas-fired calcimatic lime kiln #2, with cyclone and venturi scrubber	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
	OAC rule 3745-17-11(B)(1)	53.1 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)
	OAC rule 3745-18-06(E)	244 lbs of sulfur dioxide (SO2) emissions/hr
		See Section A.I.2.b below.

2. Additional Terms and Conditions

- a. Emissions units P003 and P004 are subject to the "grouping" provisions of OAC rule 3745-17-11(A)(3). Therefore, the PE from emissions units P003 and P004, combined shall not exceed 53.1 lbs of PE/hour.
- b. The permittee shall employ a cyclone and venturi scrubber to control all PE from this emissions unit.
- c. When this emissions unit is using natural gas as its only fuel source actual SO2 emissions are negligible (the combustion of natural gas produces negligible amounts of SO2 emissions).

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II. Operational Restrictions

- 1. The pressure drop across the venturi scrubber shall be continuously maintained at a value of not less than the value determined during the most recent emission test that demonstrated this emissions unit was in compliance.

2. The scrubber water flow rate shall be continuously maintained at a value of not less than 1,200 gallons per minute at all times while this emissions unit is in operation.
3. The permittee shall burn only natural gas and/or coal in this emissions unit.
4. The quality of coal burned in this emissions unit shall meet a sulfur content that is equal to or less than the sulfur content (in lbs/mmBtu) determined during the most recent emission testing that determined this emissions unit was in compliance.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall collect or require the coal supplier to collect a representative grab sample of each shipment of coal that is received for burning in this emissions unit. At the end of each calendar month, the representative samples of coal from all shipments of coal that were received during that calendar month shall each be combined into one composite sample.

Each monthly composite sample of coal shall be analyzed for sulfur content (percent) and heat content (Btu/pound of coal). The permittee shall perform or require the supplier to perform the analyses for sulfur content and heat content in accordance with the most recent version of the following ASTM methods: ASTM method D3177, Total Sulfur in the Analysis Sample of Coal and Coke or ASTM method D4239, Sulfur in the Analysis Sample of Coal and Coke Using High Temperature Tube Furnace Combustion Methods; and ASTM method D5865, Gross Calorific Value of Coal and Coke, respectively. Alternative, equivalent methods may be used upon written approval from Ohio EPA, Northwest District Office.
2. The permittee shall maintain monthly records of the total quantity of coal received, the results of the analyses for sulfur content and heat content, and the calculated SO₂ emission rate, in lbs of SO₂ emissions/mmBtu.
3. For each day during which the permittee burns a fuel other than natural gas and/or coal, the permittee shall maintain a record of the type and quantity of fuel burned in this emissions unit.
4. The permittee shall properly operate and maintain equipment to continuously and accurately monitor the static pressure drop across the scrubber and the scrubber water flow rate while this emissions unit is in operation. The monitoring devices and any recorders shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
5. The permittee shall collect and record the following information each day for this emissions unit:
 - a. the pressure drop across the scrubber, in inches of water, on a once/shift basis;
 - b. the scrubber water flow rate, in gallons/minute, on a once/shift basis (the permittee may determine the water flow rate based on the scrubber pump amperage, which is directly proportional to flow rate); and
 - c. a log of all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

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IV. Reporting Requirements

1. The permittee shall submit quarterly deviation (excursion) reports that identify all periods of time during which the following scrubber parameters were not maintained at or above the required levels:
 - a. the static pressure drop across the scrubber; and
 - b. the scrubber water flow rate.
 The deviation reports shall be submitted in accordance with paragraph A.1.c.ii of the General Terms and Conditions of this permit.
2. The permittee shall submit deviation (excursion) reports that identify each day when a fuel other than natural gas and/or coal was burned in this emissions unit. Each report shall be submitted within 30 days after the deviation occurs.
3. The permittee shall notify the Ohio EPA, Northwest District Office, in writing, of any exceedance of the sulfur content determined during the most recent emissions test that demonstrated this emissions unit was in compliance. The notification shall include a copy of such record and shall be sent to the Ohio EPA, Northwest District Office within 45 days after the exceedance occurs.
4. The permittee shall submit quarterly summaries that specify all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation. The reports shall be submitted by March 31, June 30, September 30 and December 31 of each year and shall cover the previous calendar quarter.

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V. Testing Requirements

1. 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 3 months after issuance of this permit and annually each calendar year thereafter.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for PE and SO₂ emissions.
- c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitations:
 PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B) (10)
 SO₂ Emissions: Methods 1-4 and 6 of 40 CFR Part 60, Appendix A
- d. The tests shall be conducted while this emissions unit and emissions unit P004 are operating at or near their maximum capacities, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).
- Personnel from the Ohio EPA 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.
- A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest 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, Northwest District Office.
3. During the emission testing of this emissions unit, the following additional information shall be recorded:
- the water flow rates through the scrubber, every 5 minutes during each test run;
 - the pressure drop across the scrubber, in inches of water, every 5 minutes during each test run;
 - the tons of product produced; and
 - the sulfur content of the coal, in percent by weight.
4. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
- Emission Limitation: 53.1 lbs of PE/hr, for emissions units P003 and P004, combined (based on OAC rule 3745-17-11(B), Figure II)
 Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.
 Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).
 - Emission Limitation: 244 lbs of SO₂ emissions/hr
 Applicable Compliance Method: Compliance with the hourly SO₂ limitation shall be based on the results of emission testing conducted in accordance with Methods 1 - 4 and 6 of 40 CFR, Part 60, Appendix A.

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VI. **Miscellaneous Requirements**

- None

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Facility ID: 038800043 Emissions Unit ID: P004 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
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2. Additional Terms and Conditions

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 038800043 Emissions Unit ID: P007 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
lime hydrator #1, equipped with a spray chamber	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule. 21.7 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)
	OAC rule 3745-17-11(B)(1)	

2. **Additional Terms and Conditions**

- a. The permittee shall employ a spray chamber to control all the PE from this emissions unit.
- b. If the emissions testing required for this emissions unit demonstrates that the allowable emissions rate from Figure II is more stringent than 21.7 lbs/hour, the permittee shall comply with the more stringent limitation.

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II. **Operational Restrictions**

1. The water volume flow through the spray chamber (gallons/minute) shall be continuously maintained at a value of not less than the value that was determined during the most recent emission testing that demonstrated that this emissions unit was in compliance.

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

1. The permittee shall properly operate and maintain equipment to continuously and accurately monitor and record the water volume flow through the spray chamber while the emissions unit is in operation. The monitoring devices and recorder(s) shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - a. the water volume flow through the spray chamber (gallons/minute), on a once/shift basis; and
 - b. a log of all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

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IV. **Reporting Requirements**

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the water volume flow through the spray chamber was not maintained within the required operating range as specified in Section A.II.1. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly summaries that specify all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation. The reports shall be submitted by March 31, June 30, September 30 and December 31 of each year and shall cover the previous calendar quarter.

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V. **Testing Requirements**

1. The permittee shall conduct, or have conducted, emissions testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for PE.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitation:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B) (10)
 - d. The tests shall be conducted while this emissions unit is operating at or near its maximum capacity,

unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

A PE test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emissions for the emissions unit, for purpose of determining the applicability of Figure II of OAC rule 3745-17-11. For this testing, Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10) shall be employed.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest 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, Northwest District Office.

3. During the emission testing of this emissions unit, the following additional information shall be recorded:
 - a. the water volume flow through the spray chamber (gallons/minute); and
 - b. the tons of product produced.
4. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 21.7 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0388000043 Emissions Unit ID: P007 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
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2. **Additional Terms and Conditions**

- 1. None

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0388000043 Emissions Unit ID: P017 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
lime hydrator #2, equipped with a spray chamber	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule. 21.7 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)
	OAC rule 3745-17-11(B)(1)	

2. Additional Terms and Conditions

- a. The permittee shall employ a spray chamber to control all the PE from this emissions unit.
- b. If the emissions testing required for this emissions unit demonstrates that the allowable emissions rate from Figure II is more stringent than 21.7 lbs/hour, the permittee shall comply with the more stringent limitation.

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II. Operational Restrictions

1. The water volume flow through the spray chamber (gallons/minute) shall be continuously maintained at a value of not less than the value that was determined during the most recent emission testing that demonstrated that this emissions unit was in compliance.

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall properly operate and maintain equipment to continuously and accurately monitor and record the water volume flow through the spray chamber while the emissions unit is in operation. The monitoring devices and recorder(s) shall be installed, calibrated, operated and maintained in accordance with the manufacturer's recommendations, instructions and operating manuals.
2. The permittee shall collect and record the following information each day:
 - a. the water volume flow through the spray chamber (gallons/minute), on a once/shift basis; and
 - b. a log of all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation.

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IV. Reporting Requirements

1. The permittee shall submit deviation (excursion) reports that identify all periods of time during which the water volume flow through the spray chamber was not maintained within the required operating range as specified in Section A.II.1. Each report shall be submitted within 30 days after the deviation occurs.
2. The permittee shall submit quarterly summaries that specify all downtime periods for the capture (collection) system, control device, and monitoring equipment when the associated emissions unit was in operation. The reports shall be submitted by March 31, June 30, September 30 and December 31 of each year and shall cover the previous calendar quarter.

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V. Testing Requirements

1. The permittee shall conduct, or have conducted, emissions testing for this emissions unit in accordance with the following requirements:
 - a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rates for PE.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable mass emission limitation:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B) (10)
 - d. The tests shall be conducted while this emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

A PE test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emissions for the emissions unit, for purpose of determining the applicability of Figure II of OAC rule 3745-17-11. For this testing, Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10) shall be employed.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

A comprehensive written report on the results of the emission test(s) shall be signed by the person or persons responsible for the tests and submitted to the Ohio EPA, Northwest 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, Northwest District Office.

3. During the emission testing of this emissions unit, the following additional information shall be recorded:
 - a. the water volume flow through the spray chamber (gallons/minute); and
 - b. the tons of product produced.
4. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 21.7 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a 6-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 0388000043 Emissions Unit ID: P017 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
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2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

- 1. None

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V. **Testing Requirements**

- 1. None

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VI. **Miscellaneous Requirements**

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 038800043 Emissions Unit ID: P019 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. **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>
hydrated lime grinder, equipped with a baghouse	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule. 24 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)
	OAC rule 3745-17-11(B)(1)	

2. **Additional Terms and Conditions**

- a. The permittee shall employ a baghouse to control all PE from this emissions unit.
- b. If the emissions testing required for this emissions unit demonstrates that the allowable emissions rate from Figure II is more stringent than 24 lbs/hour, the permittee shall comply with the more stringent limitation.

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II. **Operational Restrictions**

- 1. None

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

- 1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the baghouse (P019-BH) serving this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;

- d. the total duration of any visible emission incident; and
- e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

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

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V. Testing Requirements

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

- a. The emission testing shall be conducted within 3 months after issuance of this permit and within 6 months prior to permit expiration.
- b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE and the opacity limitations.
- c. The following test methods shall be employed to demonstrate compliance with the allowable emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10); and

Visible PE: Test Method 9, of 40 CFR Part 60, Appendix A

- d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

A PE test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emissions for the emissions unit, for purpose of determining the applicability of Figure II of OAC rule 3745-17-11. For this testing, Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10) shall be employed.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the appropriate Ohio EPA 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.

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, Northwest 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, Northwest District Office.

3. During the emission testing of this emissions unit, the following additional information shall be recorded: the tons of product produced.
4. Compliance with the emission limitations specified in Section A.I.1 of shall be determined in accordance with the following methods:

- a. Emission Limitation: 24 lbs of PE/hr (based on OAC rule 3745-17-11(B), Table I)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).

- b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

- 1. None

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Facility ID: 0388000043 Emissions Unit ID: P019 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

- 1. None.

I. 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>
2. Additional Terms and Conditions			
1.	None		

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II. Operational Restrictions

- 1. None

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III. Monitoring and/or Record Keeping Requirements

- 1. None

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IV. Reporting Requirements

- 1. None

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V. Testing Requirements

- 1. None

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VI. Miscellaneous Requirements

- 1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0388000043 Emissions Unit ID: P020 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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>
lime cooler #2, equipped with a baghouse	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule. 9.04 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)
	OAC rule 3745-17-11(B)(1)	

2. Additional Terms and Conditions

- a. The permittee shall employ a baghouse to control all the PE from this emissions unit.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the baghouse (P020-BH) serving this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

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

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V. Testing Requirements

1. 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 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE and the opacity limitations.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10); and

Visible PE: Test Method 9, of 40 CFR Part 60, Appendix A

d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

A PE test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emissions for the emissions unit, for purpose of determining the applicability of Figure II of OAC rule 3745-17-11. For this testing, Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10) shall be employed.

2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

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, Northwest 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, Northwest District Office.

3. During the emission testing of this emissions unit, the following additional information shall be recorded: the tons of product produced.
4. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 9.04 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).

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VI. Miscellaneous Requirements

1. None

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Facility ID: 038800043 Emissions Unit ID: P020 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. 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.

Applicable Emissions Limitations/Control

Operations, Property, and/or Equipment Applicable Rules/Requirements Measures

2. **Additional Terms and Conditions**

1. None

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None

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Part III - Terms and Conditions for Emissions Units

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Facility ID: 0388000043 Emissions Unit ID: P021 Issuance type: Title V Draft Permit

A. State and Federally Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
lime cooler #1, equipped with a baghouse	OAC rule 3745-17-07(A)(1)	Visible particulate emissions (PE) from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule. 7.81 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)
	OAC rule 3745-17-11(B)(1)	

2. **Additional Terms and Conditions**

a. The permittee shall employ a baghouse to control all the PE from this emissions unit.

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II. Operational Restrictions

1. None

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III. Monitoring and/or Record Keeping Requirements

1. The permittee shall perform daily checks, when the emissions unit is in operation and when the weather conditions allow, for any visible PE from the baghouse (P021-BH) serving this emissions unit. The presence or absence of any visible PE shall be noted in an operations log. If visible emissions are observed, the permittee shall also note the following in the operations log:
 - a. the location and color of the emissions;
 - b. whether the emissions are representative of normal operations;
 - c. if the emissions are not representative of normal operations, the cause of the abnormal emissions;
 - d. the total duration of any visible emission incident; and
 - e. any corrective actions taken to eliminate the visible emissions.

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IV. Reporting Requirements

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

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V. Testing Requirements

1. 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 3 months after issuance of this permit and within 6 months prior to permit expiration.
 - b. The emission testing shall be conducted to demonstrate compliance with the allowable mass emission rate for PE and the opacity limitations.
 - c. The following test methods shall be employed to demonstrate compliance with the allowable emission limitations:

PE: Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10); and

Visible PE: Test Method 9, of 40 CFR Part 60, Appendix A
 - d. The tests shall be conducted while the emissions unit is operating at or near its maximum capacity, unless otherwise specified or approved by the Ohio EPA, Northwest District Office.

A PE test also shall be conducted at the inlet of the control device to determine the uncontrolled mass rate of emissions for the emissions unit, for purpose of determining the applicability of Figure II of OAC rule 3745-17-11. For this testing, Methods 1-5 of 40 CFR Part 60, Appendix A and the procedures specified in OAC rule 3745-17-03(B)(10) shall be employed.
2. Not later than 30 days prior to the proposed test date(s), the permittee shall submit an "Intent to Test" notification to the Ohio EPA, Northwest District Office. The "Intent to Test" notification shall describe in detail the proposed test methods and procedures, the emissions 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 Ohio EPA, Northwest District Office refusal to accept the results of the emission test(s).

Personnel from the Ohio EPA 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.

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, Northwest 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, Northwest District Office.

3. During the emission testing of this emissions unit, the following additional information shall be recorded: the

tons of product produced.

4. Compliance with the emission limitations specified in Section A.I.1 shall be determined in accordance with the following methods:
 - a. Emission Limitation: 7.81 lbs of PE/hr (based on OAC rule 3745-17-11(B), Figure II)

Applicable Compliance Method: Compliance with the hourly PE limitation shall be based on the results of emission testing conducted in accordance with OAC rule 3745-17-03(B)(10).
 - b. Emission Limitation: Visible PE from any stack shall not exceed 20% opacity, as a six-minute average, except as specified by rule.

Applicable Compliance Method: Compliance with the visible PE limitation shall be determined by the method specified in 40 CFR Part 60, Appendix A, Test Method 9 pursuant to OAC rule 3745-17-03(B)(1).

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VI. **Miscellaneous Requirements**

1. None

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Facility ID: 038800043 Emissions Unit ID: P021 Issuance type: Title V Draft Permit

B. State Enforceable Section

The following emissions unit terms and conditions are federally enforceable with the exception of those listed below which are enforceable under state law only.

1. None.

I. **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>
2. Additional Terms and Conditions			
1.	None		

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II. **Operational Restrictions**

1. None

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

1. None

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IV. **Reporting Requirements**

1. None

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V. **Testing Requirements**

1. None

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VI. **Miscellaneous Requirements**

1. None