



Linn County Public Health Air Quality Division
Air Quality Construction Permit for an Aggregate Processing Plant

| Permit No. | Project No. | Description | Date | Testing |
|------------|-------------|-------------|------|---------|
| | | | | No |
| | | | | |
| | | | | |

Plant Number: _____

 Under the Direction of the Air Pollution Control Officer

Department Use Only

Permit Holder

Company: _____

Contact Person:

Responsible Party:

| | | |
|--|--------------------|--|
| | (name) | |
| | (title) | |
| | (street) | |
| | (city, state, zip) | |
| | (telephone) | |
| | (e-mail address) | |

Permitted Equipment

Equipment Location or Staging Area: _____ (street)
 _____ (city, state, zip)

Is the Equipment Portable? Yes No

IDNR Plant Number (if known): _____

TYPE OF EQUIPMENT BEING PERMITTED

This permit is only applicable to an "aggregate processing plant"¹ not otherwise excluded.

¹ "Aggregate processing plant" means a combination of fixed or portable equipment for the processing of aggregate², including each crusher, grinding mill, screening operation, bucket elevator, belt conveyor, bagging operation, storage bin, and truck or railcar loading station; power sources such as generators, power units, and engines; and petroleum storage tanks. Crushers and grinding mills at hot mix asphalt facilities that reduce the size of nonmetallic minerals embedded in recycled asphalt pavement and at subsequent affected facilities up to, but not including, the first storage silo or bin are also included.

² "Aggregate" means crushed or broken stone, sand or gravel, recycled concrete, or any mixture the majority of which consists of crushed or broken stone, sand or gravel, recycled concrete, or other nonmetallic mineral as defined in 40 CFR §60.671.

Exclusions

The following plants shall not be covered under this permit:

- A. Any aggregate processing facility already subject to an existing air quality construction permit or operating permit is not eligible for coverage under this permit unless those permits are revoked concurrently with the start of coverage under this permit for the facility.
- B. Any plant subject to 567 Iowa Administrative Code (IAC) 22.4(455B) (special requirements for major stationary sources located in areas designated attainment or unclassified (PSD)), or 22.5(455B) (special requirements for nonattainment areas) is not eligible for coverage under this permit.
- C. Any aggregate processing plant that is located on the same property where emission sources are covered by an air quality construction permit, other than another aggregate processing plant, liquid storage tanks, a concrete batch plant, or hot mix asphalt facility, is not eligible for coverage under this permit.

PERMITTEE CERTIFICATION

I certify that, based on information and belief formed after reasonable inquiry, the enclosed documents, including the attachments, are true, accurate, and complete and that legal entitlement to install and operate the equipment covered by the permit application and on the property identified in the permit application has been obtained.

I certify that this permit, as drafted, is for (and only for) an "aggregate processing plant" not otherwise "excluded" as noted above. I certify that there are no physical or chemical characteristics or pollutants in the air contaminants emitted for this facility which are atypical of this type of facility.

I certify that the terms and conditions of this permit will be met at all times.

_____ (Responsible Party – Signature)

_____ (Title) _____ (Date)

PERMIT CONDITIONS

1a. Emission Limits for Units Constructed before April 22, 2008

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in this permit. In accordance with Table 2 to 40 CFR Part 60, Subpart OOO (*Standards of Performance for Nonmetallic Mineral Processing Plants*), the following emission limits shall not be exceeded:

| Pollutant | lb/hr ¹ | tons/yr ² | Other Limits | Reference/Basis |
|--|--------------------|----------------------|----------------------------|----------------------|
| Particulate Matter (PM) – Federal | NA | NA | 0.022 gr/dscf ³ | 40 CFR §60.672(a) |
| Opacity – NSPS Subpart OOO affected building enclosures | NA | NA | 7% | 40 CFR §60.672(e)(1) |
| Opacity – NSPS Subpart OOO affected crusher without controls | NA | NA | 15% | 40 CFR §60.672(b) |
| Opacity – Other NSPS Subpart OOO affected units | NA | NA | 10% | 40 CFR §60.672(b) |

¹ The emission limit is expressed as the average of three (3) runs.

² The emission limit is based on a twelve (12) month rolling total.

³ Applies to any transfer point on belt conveyors or any other affected facility stack emissions. Any baghouse that controls emissions from only an individual, enclosed storage bin is exempt from the applicable stack PM concentration limit (and associated performance testing) above, but must meet the applicable stack opacity limit and compliance requirements. This exemption from the stack PM concentration limit does not apply for multiple storage bins with combined stack emissions.

1b. Emission Limits for Units Constructed after April 22, 2008

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in this permit. In accordance with Table 2 to 40 CFR Part 60, Subpart OOO (*Standards of Performance for Nonmetallic Mineral Processing Plants*), the following emission limits shall not be exceeded:

| Pollutant | lb/hr ¹ | tons/yr ² | Other Limits | Reference/Basis |
|--|--------------------|----------------------|----------------------------|----------------------|
| Particulate Matter (PM) – Federal | NA | NA | 0.014 gr/dscf ³ | 40 CFR §60.672(a) |
| Opacity – NSPS Subpart OOO affected building enclosures | NA | NA | 7% | 40 CFR §60.672(e)(1) |
| Opacity – NSPS Subpart OOO affected crusher without controls | NA | NA | 12% | 40 CFR §60.672(b) |
| Opacity – Other NSPS Subpart OOO affected units | NA | NA | 7% | 40 CFR §60.672(b) |

¹ The emission limit is expressed as the average of three (3) runs.

² The emission limit is based on a twelve (12) month rolling total.

³ Applies to any transfer point on belt conveyors or any other affected facility stack emissions. Any baghouse that controls emissions from only an individual, enclosed storage bin is exempt from the applicable stack PM concentration limit (and associated performance testing) above, but must meet the applicable stack opacity limit and compliance requirements. This exemption from the stack PM concentration limit does not apply for multiple storage bins with combined stack emissions.

1c. General Emission Limits

The owner or operator is required to report all emissions as required by law, regardless of whether a specific emission limit has been established in this permit. The following emission limits shall not be exceeded:

| Pollutant | lb/hr ¹ | tons/yr ² | Other Limits | Reference/Basis |
|-----------------------------------|--------------------|----------------------|-----------------------------------|-----------------------|
| Particulate Matter (PM) – State | NA | NA | 0.1 gr/dscf ³ | LCCO Sec. 10-62(a) |
| | NA | NA | 0.6 lb/MMBtu ⁴ | LCCO Sec. 10-61(b)(2) |
| Opacity | NA | NA | 20% ^{5,6} | LCCO Sec. 10-60(a) |
| Sulfur Dioxide (SO ₂) | NA | NA | 1.5 lb/MMBtu ⁷ | LCCO Sec. 10-65(1)"b" |
| | NA | NA | 500 ppm _v ⁸ | LCCO Sec. 10-65(2) |

¹ The emission limit is expressed as the average of three (3) runs.

1c. General Emission Limits (Continued)

² The emission limit is based on a twelve (12) month rolling total.

³ This standard applies to all emission units from the aggregate plant that are not fuel-burning sources and are subject to NSPS Subpart OOO.

⁴ This standard applies to fuel-burning emission units.

⁵ The emission limit is based on a six (6) minute average.

⁶ An exceedance of 'no visible emissions' will require the owner/operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, Linn County may require additional proof to demonstrate compliance (e.g., stack testing).

⁷ This standard applies to the emissions of sulfur dioxide from the use of liquid fuels.

⁸ This standard applies to all other processes, other than from the use of liquid fuels, that are capable of emitting sulfur dioxide.

2. Compliance Demonstration(s)

Compliance Demonstration Table

| Pollutant | Compliance Methodology | Frequency | Test Run Time | Test Method |
|-----------------|-------------------------------|--------------|---------------|--|
| PM – Federal | Performance test ¹ | Per NSPS OOO | 1 hour | 40 CFR 60, Appendix A, Method 5 |
| PM – State | None | NA | 1 hour | 40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202 |
| Opacity | Performance test ¹ | Per NSPS OOO | 1 hour | 40 CFR 60, Appendix A, Method 9 |
| SO ₂ | None | NA | 1 hour | 40 CFR 60, Appendix A, Method 6C |

¹ An aggregate processing facility commencing construction or modification after August 31, 1983, shall comply with all stack testing requirements of New Source Performance Standards (NSPS) Subpart OOO (*Standards of Performance for Nonmetallic Mineral Processing Plants*, as adopted by reference in LCCO Sec. 10-62(b)(54). All affected sources subject to the standards in 40 CFR §60.672 shall be tested according to the methods and procedures in 40 CFR §60.675.

If an initial stack test is specified in the "Compliance Demonstration Table," the owner or the owner's authorized agent shall demonstrate compliance with the emission limitations contained in Condition 1 within the applicable time period specified below:

- Within sixty (60) days after achieving the maximum production rate and no later than one hundred eighty (180) days after the initial startup date of the proposed equipment for the addition of new equipment or the physical modification of existing equipment or control equipment.
- Within ninety (90) days of the issuance of this permit if there is no physical modification to any emission units or control equipment.

If any additional stack testing beyond an initial test (i.e. quarterly, semi-annual, annual, etc.) is required in "Compliance Demonstration Table," the owner or the owner's authorized agent shall demonstrate compliance with the emission limitations contained in Condition 1 as specified in the "Compliance Demonstration Table." See Conditions 12.A.(4) and 12.B.(5) for notification and reporting requirements.

If stack testing is required, the owner or the owner's authorized agent shall use the test method and run time listed in the "Compliance Demonstration Table" unless another testing methodology is approved by the Department prior to testing.

Each emissions compliance test must be approved by the Department. Unless otherwise specified by the Department, each test shall consist of three (3) separate runs. The arithmetic mean of three (3) acceptable test runs shall apply for compliance, unless otherwise indicated by the Department.

Per LCCO Sec. 10-70(e)(2), at the Department's request, a pretest meeting shall be held not later than five (5) days before the owner or operator conducts the compliance demonstration. A testing protocol shall be submitted to the Department no later than fifteen (15) days before the owner or operator conducts the compliance demonstration. Representatives from the Department shall attend this meeting, along with the owner and the testing firm, if any. It shall be the responsibility of the owner to coordinate and schedule the pretest meeting. A representative of the Department shall be allowed to witness the test(s). The Department shall reserve the right to impose additional, different, or more detailed testing requirements.

2. Compliance Demonstration(s) (Continued)

The owner shall be responsible for the installation and maintenance of test ports. The unit(s) being sampled shall be operated in a normal manner at its maximum continuous output as rated by the equipment manufacturer, or the rate specified by the owner as the maximum production rate at which this unit(s) will be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the Department that this unit(s) has been physically altered so that capacity cannot be exceeded, or the Department may require additional testing, continuous monitoring, reports of operating levels, or any other information deemed necessary by the Department to determine whether this unit(s) is in compliance.

3. Emission Point Characteristics

The number of emission units at the facility and the stack parameters of the emission points shall conform to the following list.

- A. All stacks shall be vertical and unobstructed.
- B. The stack height of the generator(s) shall be a minimum of 20 feet above grade for Tier 4 and Tier 4 interim engines and 25 feet above grade for Tier 2 and Tier 3 engines.

It shall be the owner's responsibility to ensure that construction conforms to the emission point characteristics stated above. If it is determined that any of the emission point characteristics are different than stated above, the owner must notify the Department and obtain a permit amendment, if required. An aggregate plant not meeting any of the requirements described above shall apply for a permit to construct as outlined in LCCO Sec. 10-58(b)

4. Federal Standards

A. New Source Performance Standards (NSPS):

The following subparts apply to the emission unit(s) in this permit:

| Applies | Subpart | Title | Type | Local Reference (LCCO Sec.) | Federal Reference (40 CFR) |
|---------|---------|---------------------------------------|-----------------|-----------------------------|----------------------------|
| Yes | A | General Conditions | NA | 10-62(b) | §60.1 – §60.19 |
| | OOO | Nonmetallic Mineral Processing Plants | Hot mix asphalt | 10-62(b)(54) | §60.670 – §60.676 |

The following subparts **may** apply to the emission unit(s) in this permit (check the box next to the NSPS subparts that apply):

| Applies | Subpart | Title | Type | Local Reference (LCCO Sec.) | Federal Reference (40 CFR) |
|--------------------------|---------|---|------------|-----------------------------|----------------------------|
| <input type="checkbox"/> | III | Stationary Compression Ignition Internal Combustion Engines | Footnote 1 | 10-62(b)(77) | §60.4200 – §60.4219 |
| <input type="checkbox"/> | JJJ | Stationary Spark Ignition Internal Combustion Engines | Footnote 2 | 10-62(b)(78) | §60.4230 – §60.4248 |
| <input type="checkbox"/> | K | Storage Vessels for Petroleum Liquids (6/11/73 – 5/18/78) | Footnote 3 | 10-62(b)(28) | §60.110 – §60.113 |
| <input type="checkbox"/> | Ka | Storage Vessels for Petroleum Liquids (5/18/78 – 7/23/84) | Footnote 4 | 10-62(b)(29) | §60.110a – §60.115a |
| <input type="checkbox"/> | Kb | Storage Vessels for Petroleum Liquids (7/23/84 – Present) | Footnote 5 | 10-62(b)(56) | §60.110b – §60.117b |

¹ The following compression ignition (diesel) generators are subject to NSPS Subpart III of 40 CFR Part 60 (*Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*): (1) Generators ordered after July 11, 2005 and manufactured after April 1, 2006; (2) Generators modified or reconstructed after July 11, 2005; and (3) Model year 2007 and later generators with a displacement less than 30 liters per cylinder.

² The following spark ignition (gasoline and natural gas) generators are subject to NSPS Subpart JJJ of 40 CFR Part 60 (*Standards of Performance for Stationary Spark Ignition Internal Combustion Engines*): (1) Generators with a maximum power \geq 500 hp manufactured on or after July 1, 2007 (except lean burn engines with a maximum power \geq 500 hp and \leq 1,350 hp); (2) Lean burn

generators with a maximum power ≥ 500 hp and $\leq 1,350$ hp manufactured on or after January 1, 2008; (3) Generators with a maximum power < 500 hp on or after July 1, 2008; (4) Emergency generators with a maximum power ≥ 25 hp; and (5) Generators modified or reconstructed after June 12, 2006.

³ Applies to storage tanks constructed, reconstructed, or modified after June 11, 1973 and prior to May 19, 1978 and have a minimum storage capacity of 40,000 gallons.

⁴ Applies to storage tanks constructed, reconstructed, or modified after May 18, 1978 and prior to July 23, 1984 and have a minimum storage capacity of 40,000 gallons.

⁵ Applies to storage tanks constructed, reconstructed, or modified after July 23, 1984 and have a minimum storage capacity of 19,813 gallons storing a liquid with a maximum true vapor pressure greater than or equal to 15 kPa or if the storage tank is greater than 39,890 gallons storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa.

NOTE: The absence of the inclusion of any NSPS requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NSPS conditions.

A. National Emission Standards for Hazardous Air Pollutants (NESHAP):

The following subparts **may** apply to the emission unit(s) in this permit (check the box next to the NESHAP subparts that apply):

| EU ID | Subpart | Title | Type | Local Reference (LCCO Sec.) | Federal Reference (40 CFR) |
|--------------------------|---------|--|------------|-----------------------------|----------------------------|
| <input type="checkbox"/> | ZZZZ | Stationary Reciprocating Internal Combustion Engines | Footnote 6 | 10-62(d)(104) | §63.6580 – §63.6675 |

⁶ All stationary generators are subject to NESHAP Subpart ZZZZ of 40 CFR Part 63 (*National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*); however, generators subject to NSPS Subpart IIII or JJJJ may comply with the requirements by complying with the applicable NSPS requirements.

NOTE: The absence of the inclusion of any NESHAP requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NESHAP conditions.

5. Operating Requirements with Associated Monitoring and Recordkeeping

Unless specified by a federal regulation, all records as required by this permit shall be kept on-site for a minimum of three (3) years and shall be available for inspection by the Department. Records shall be legible and maintained in an orderly manner. The operating requirements and associated recordkeeping for this permit shall be:

- A. The owner or operator shall maintain an updated equipment list of all emission units at this facility. Units may be added or removed without obtaining a permit amendment as long as the facility continues to meet all the requirements of this permit.
- B. This plant shall not locate on the same property where emission sources are covered by an air quality construction permit, other than another aggregate processing, hot mix asphalt facility, liquid storage tanks, or concrete batch plant. The plant shall be separated from the other aggregate processing, hot mix asphalt facility, liquid storage tanks, or concrete batch plant by the distance required in Conditions 5.B.i through 5.B.iii below. The owner or operator shall maintain a record of the distance from the property line and the amount of production from this plant (in tons per day) to demonstrate compliance with this Condition.
 - i. If this plant is at least 200 feet from the property line and any other permitted facility, then the daily production limit is 4,725 tons of aggregate and the limit on the number of storage bins and/or conveyors operated at any one time is 40.
 - ii. If this plant is at least 300 feet from the property line and any other permitted facility, then the daily production limit is 6,300 tons of aggregate and the limit on the number of storage bins and/or conveyors operated at any one time is 30.
 - iii. If this plant is at least 450 feet from the property line and any other permitted facility, then the daily production limit is 7,400 tons of aggregate and the limit on the number of storage bins and/or conveyors operated at any one time is 40.
- C. This plant shall operate no more than 14 hours per day and only between the hours of 5:00 am and 9:00 pm. The owner or operator shall maintain a record of the hours of operation for this plant, including initial startup time and final shutdown time each day.
- D. A maximum of three crushers may be operated at the plant at any one time.
- E. A maximum of three screening stations may be operated at the plant at any one time.

5. Operating Requirements with Associated Monitoring and Recordkeeping (Continued)

- F. A diesel internal combustion engine used to power the plant, if used, shall be certified to U.S. Environmental Protection Agency's Tier 2, Tier 3, interim Tier 4, or final Tier 4 standards for compression ignition engines, in accordance with 40 CFR Par 89 and 40 CFR Part 1039.
 - G. The rated capacity of all engines operated at the plant at any one time shall not exceed 2,200 horsepower.
 - H. The only fuels allowed shall be #1 or #2 diesel, biodiesel, propane, or natural gas and the maximum sulfur content of any fuel used shall be 15 ppm. The owner or operator shall maintain fuel certifications to demonstrate the sulfur content of any fuel used at the facility.
 - I. All crushers shall use a water spray or equivalent measures to control particulate emissions. Water spray nozzles and other control equipment shall be inspected monthly to ensure proper operation. The owner or operator shall maintain a record of the maintenance and inspections performed on all air pollution control devices or records of equivalent pollution control measures used in lieu of water spray.
 - J. Fugitive emissions of particulate matter shall meet opacity standards listed in Condition 1 of this permit and shall be controlled by natural or added moisture or other acceptable practices, as necessary. All aggregate plants covered under this permit are required to employ the best management practices outlined in Attachment A of this permit to reasonably prevent the discharge of fugitive dust from the facility.
 - K. The owner or operator shall follow all monitoring and recordkeeping requirements of 40 CFR §60.674 and §60.676, as applicable.
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6. Continuous Emission Monitoring Systems (CEMS)

Continuous emission monitoring is not required by this permit at this time.

7. Department Review

This permit is issued under the authority of Linn County Code of Ordinances (LCCO) Sec. 10-58. The proposed equipment has been evaluated for conformance with LCCO Chapter 10 Article III, the Iowa Code Chapter 455B; 567 IAC Chapters 20 – 35; and 40 Code of Federal Regulations (CFR) Parts 51, 52, 60, 61, and 63 and has the potential to comply. This permit is issued based on information submitted by the applicant. Any misinformation, false statements or misrepresentations by the applicant or by the applicant's representative(s) shall cause this permit to be void.

No review has been undertaken on the engineering aspects of the equipment or control equipment other than the potential of that equipment for reducing air contaminant emissions. The Department assumes no liability, directly or indirectly, for any loss due to damage to persons or property caused by, resulting from, or arising out of the design, installation, maintenance or operation of the proposed equipment.

8. Owner and Operator Responsibility

This permit is for the construction and operation of specific emission unit(s), control equipment, and emission point as described in this permit and in the application for this permit. The permit holder, owner, and operator of the facility shall assure that the installation of the equipment listed in this permit conforms to the design in the application (i.e. type, maximum rated capacity, etc.). No person shall construct, install, reconstruct or alter this emission unit(s), control equipment, or emission point without the required amended permit.

Any owner or operator of the specified emission unit(s), control equipment, or emission point, including any person who becomes an owner or operator subsequent to the date on which this permit is issued, is responsible for assuring that the installation, operation, and maintenance of the equipment listed in this permit is in compliance with the provisions of this permit and all other applicable requirements and that adequate operation and maintenance is provided to ensure that no condition of air pollution is created.

9. Transferability

Unless the equipment is portable, this permit is not transferable from one location to another or from one piece of equipment to another. See Condition 12.A.(2) for notification requirements for relocating portable equipment (LCCO Sec. 10-58(h)(1) and (2)).

10. Construction

A. General Requirements:

It is the owner's responsibility to ensure that construction conforms to the final plans and specifications as submitted.

In permit amendments, all provisions of the original permit remain in full force and effect unless they are specifically changed by the permit amendment. If a proposed project is not timely completed, the owner or operator shall seek a permit amendment in order to revert back to the most recent previous version of the permit. The previous, unchanged permit provisions are included in the amendment for your convenience only and are unappealable.

The permit or amendment shall become void if the construction or implementation of the proposed project, as it affects each emission point permitted herein, is not completed within ninety (90) days of the expiration date. If, after this time, a permit to operate has not been obtained, the said equipment shall be shut down and not operated until such time as the Air Pollution Control Officer grants a permit to operate the equipment. Extensions of the ninety (90) day adjustment period may be granted by the Air Pollution Control Officer for good cause.

B. Changes to Plans and Specifications:

The owner or operator shall amend this permit or amendment prior to startup of the equipment if:

- (1) Any changes are made to the final plans and specifications submitted for the proposed project; or
- (2) This permit becomes void.

Changes to the final plans and specification shall include changes to plans and specifications for permitted equipment and control equipment and the specified operation thereof.

C. Amended Permits:

The owner or operator may continue to act under the provisions of the previous permit for the affected emission unit(s) and emission point, together with any previous amendment to the permit, until one of the following conditions occurs:

- (1) The proposed project authorized by this amendment is completed as it affects the emission unit(s) and emission point permitted herein; or
 - (2) This current amendment becomes void.
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11. Excess Emissions

Per LCCO Sec. 10-67(a)(1), excess emissions during a period of startup, shutdown, or cleaning of control equipment are not a violation of the emission standard if it is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions except when another regulation applicable to the unit or process provides otherwise. Cleaning of control equipment, which does not require the shutdown of process equipment, shall be limited to one (1) six-minute period per one (1) hour period.

An incident of excess emissions other than the above is a violation and may be subject to criminal penalties according to LCCO Sec. 10-77(8). If excess emissions are occurring, either the control equipment causing the excess shall be repaired in an expeditious manner, or the process generating the emissions shall be shutdown within a reasonable period of time, as specified in LCCO Sec. 10-67.

An incident of excess emissions shall be orally reported by telephone, electronic mail or in person within eight (8) hours of, or at the start of, the first working day following the onset of the incident [See Permit Condition 12.B.(1)]. A written report of an incident of excess emissions shall be submitted as a follow-up to all required initial reports within seven (7) days of the onset of the upset condition [See Permit Condition 12.B.(2)].

12. Notification, Reporting, and Recordkeeping

A. The owner or operator shall furnish the Department the following written notifications:

- (1) Start of Construction Notice / Equipment Start-up Notice
 - (a) The date construction or modification is initiated postmarked within thirty (30) days following initiation of construction or modification.
 - (b) The actual date of startup, postmarked within fifteen (15) days following the start of operation.

12. Notification, Reporting, and Recordkeeping (Continued)

- (2) Per LCCO Sec. 10-58(e) when portable equipment for which a permit has been issued is to be transferred from one location to another, the Department shall be notified:
 - (a) At least fourteen (14) days before equipment relocation if the equipment will be located in a nonattainment area for the National Ambient Air Quality Standards (NAAQS) or a maintenance area for the NAAQS.
 - (b) At least seven (7) days before equipment relocation.
- (3) Per LCCO Sec. 10-58(e)(3), a new owner shall notify the Department of the transfer of equipment ownership within thirty (30) days of the occurrence. The notification shall include the following information:
 - The date of ownership change; the name, address, and telephone number of the responsible official, the contact person, and the owner of the equipment both before and after the ownership change; and the Permit to Operate number(s) of the equipment changing ownership.
- (4) Unless specified per a federal regulation, the owner or the owner's authorized agent shall notify the Department in writing not less than fifteen (15) days before a required test or performance evaluation of a continuous emission monitor [LCCO Sec. 10-70(e)]. The notification shall include:
 - The time; the place; the name of the person who will conduct the tests; and other information as required by the Department.

If the owner or operator does not provide timely notice to the Department, the Department shall not consider the test results or performance evaluation results to be a valid demonstration of compliance with the applicable rules or permit conditions. Upon written request, the Department may allow a notification period of less than thirty fifteen (15) days.

- B. The owner or operator shall furnish the Department with the following reports:
 - (1) Per LCCO Sec. 10-67(a)(2), an incident of excess emissions as defined in LCCO Sec. 10-55 shall be reported within eight (8) hours or at the start of the first working day following the onset of the incident. The report may be made by electronic mail, in person or by telephone.
 - (2) Per LCCO Sec. 10-67(a)(3), a written report of an incident of excess emissions as defined in LCCO Sec. 10-55 shall be submitted as a follow-up to all required initial reports to the Department within seven (7) days of the onset of the upset condition.
 - (3) Operation of this emission unit(s) or control equipment outside of those operating parameters specified in Permit Condition 5 in accordance to the schedule set forth in LCCO Sec. 10-67.
 - (4) Per LCCO Sec. 10-70(d), the owner or operator of any facility required to install a continuous monitoring system or systems shall provide quarterly reports to the Director, no later than thirty (30) calendar days following the end of the calendar quarter, on forms provided by the Director.
 - (5) Per LCCO Sec. 10-70(e)(2), a written compliance demonstration report for each compliance testing event, whether successful or not, postmarked not later than six (6) weeks after the completion of the test period unless other regulations provide for other notification requirements. In that case, the more stringent reporting requirement shall be met.
- C. All data, records, reports, documentation, construction plans, and calculations required under this permit shall be available at the plant during normal business hours for inspection and copying by federal, state, or local air pollution regulatory agencies and their authorized representatives, for a minimum of three (3) years from the date of recording unless otherwise required by another applicable law (i.e. NSPS, NESHAP, etc.)
- D. Information regarding this permit including change in ownership and permit correspondence should be sent to the following address:

Air Quality Division
Linn County Public Health
1240 26th Avenue Ct. SW
Cedar Rapids, IA 52404
Telephone: (319) 892-6000; Fax: (319) 892-6099

- E. Information regarding this permit including stack testing correspondence, and reports and notifications should be sent to the address listed in D. or the following email address:

ComplianceReporting-Air@linncounty.org

ATTACHMENT A BEST MANAGEMENT PRACTICES FOR AGGREGATE PLANTS

A.1. Best management Practices (BMP)

All aggregate processing plants covered under this permit are required to employ best management practices to reasonably prevent the discharge of fugitive dust from all process equipment, storage piles, and haul roads beyond the lot line of the property on which it is located. These BMP are examples of reasonable practices to minimize the generation of fugitive dust emissions.

BMP on process equipment include, but are not limited to:

- Limit drop heights of materials being transferred to or from any stock pile, bin, or conveyors.
- Watering materials.

BMP on haul roads include, but are not limited to:

- Limiting truck speed on facility property.
- Watering and/or treating unpaved roadways with chemical dust suppressants.
- Watering and/or sweeping paved roadways.
- Immediately cleaning up or dampening all material spills on the roadways.

BMP on storage piles include, but are not limited to:

- Covering storage piles.
- Watering storage piles.
- Partially enclosing above-ground storage piles within three-sided enclosures.
- Stock piles shall be kept as compact as possible.

END OF PERMIT