Aggregate Processing Plant
Air Quality Construction Permit

Permit Number: ***DRAFT***

Plant Number:

Company:

Contact Person:
{NAME}
{TITLE}

{PHONE}
{EMAIL ADDRESS}

{STREET ADDRESS}
{CITY}, {STATE} {ZIP}

Responsible Party:
{NAME}
{TITLE}

{PHONE}
{EMAIL ADDRESS}

{STREET ADDRESS}
{CITY}, {STATE} {ZIP}

Permitted Equipment

Site Name: {Company's Name for Plant}

Equipment Location or Staging Area: {STREET ADDRESS}
{CITY}, IA {ZIP}

Is the Equipment Portable: ☐ Yes ☐ No

Issuance of this permit shall not relieve the owner or operator of the responsibility to comply fully with applicable provisions of the State Implementation Plan (SIP), and any other requirements of local, state, and federal law.

Table 1 – Project Issuance Information

Project Number	Project Description	Stack Testing	Issuance Date

Under the Direction of the Director of the
Department of Natural Resources

[Engineer Initials]

PERMIT CONDITIONS

1. Emission Limits

All emission units listed in the Equipment List must comply with the applicable state, federal, and local emission limit requirements which include:

A. Particulate and Opacity emission limits for facilities subject to 40 CFR Subpart OOO (Standards of Performance for Nonmetallic Mineral Processing Plants)

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.

Fugitive Emissions as defined by NSPS OOO (See 40 CFR §60.671)

In accordance with 40 CFR §60.672, the following emission limits shall not be exceeded:

(1) For emission units constructed prior to April 22, 2008:
   a. Fugitive emissions from any building enclosing an NSPS Subpart OOO affected facility shall not exceed 7% opacity.
   b. Any crusher, at which a capture system is not used, shall not exceed an emission limit of 15% opacity.
   c. All other units subject to NSPS Subpart OOO shall not exceed 10% opacity.

(2) For emission units constructed after April 22, 2008:
   a. Fugitive emissions from any building enclosing an NSPS Subpart OOO affected facility shall not exceed 7% opacity.
   b. Any crusher, at which a capture system is not used, shall not exceed an emission limit of 12% opacity.
   c. All other units subject to NSPS Subpart OOO shall not exceed 7% opacity.

Stack Emission Limits

In accordance with 40 CFR §60.672, the following emission limits shall not be exceeded:

(1) For emission units constructed prior to April 22, 2008:
   a. 0.05 g/dscm (0.022 gr/dscf) of particulate matter for emissions from any transfer point on belt conveyors or any other affected facility stack emissions.
   b. 7 percent opacity for emissions from dry control devices for any transfer point on belt conveyors or any other affected facility stack emissions.
   c. Any baghouse that controls emissions from only an individual, enclosed storage bin is exempt from the applicable stack particulate matter concentration limit (and associated performance testing) above, but must meet the applicable stack opacity limit and compliance requirements. This exemption from the stack particulate matter concentration limit does not apply for multiple storage bins with combined stack emissions.

(2) For emission units constructed after April 22, 2008:
   a. 0.032 g/dscm (0.014 gr/dscf) of particulate matter for emissions from any transfer point on belt conveyors or any other affected facility stack emissions.
   b. 7 percent opacity for dry control devices on individual enclosed storage bins.
   c. 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.

B. State Emission Limits

The following emission limits apply to those emission units not subject to NSPS Subpart OOO. 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:

Table 2 - Non-NSPS Emission Limits

Pollutant	Emission Limit	Reference/Basis
Particulate Matter (PM) – State	0.1 gr/dscf[1, 2]	567 IAC 23.3(2)"a"
	0.6 lb/MMBTU[1, 3]	567 IAC 23.3(2)"b"
Opacity	40%[4]	567 IAC 23.3(2)"d"
Sulfur dioxide (SO_2)	2.5 lb/MMBTU[1, 5]	567 IAC 23.3(3)"b"
	500 ppm_v[1, 6]	567 IAC 23.3(3)"e"

[1] The emission limit is expressed as the average of three stack test runs.
[2] This emission limit applies to all emission units that are not combustion for indirect heating and are not subject to NSPS Subpart OOO.
[3] This emission limit applies to indirect heating emission units.
[4] The emission limit is based on a six minute average.
[5] This emission limit applies to emission units that combust liquid fuels.
[6] This emission limit applies to processes, other than sulfuric acid manufacturing, not subject to 567 IAC 23.3(3)"a", 567 IAC 23.3(3)"b", 567 IAC 23.3(3)"c", or 567 IAC 23.3(3)"d" that emit SO_2.

C. Site-wide Emission Limits

In accordance with 567 IAC 23.3(2)"c", the owner or operator shall take all reasonable precautions to prevent the discharge of visible emissions of fugitive dust beyond the lot line of property on which the plant is located.

2. Compliance Demonstration(s)

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

- Within 60 days after achieving the maximum production rate but not later than 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 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 the "Compliance Demonstrations" table, the owner or the owner's authorized agent shall demonstrate compliance with the emission limitations contained in Condition 1 (Emission Limits) as specified in the "Compliance Demonstrations" 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 Demonstrations" table unless another testing methodology is approved by the Department before testing.

Table 3 – Compliance Demonstrations for Fugitive Emissions (as defined in 40 CFR §60.671) from Equipment Subject to NSPS Subpart OOO

Pollutant	Compliance Methodology	Frequency	Test Run Time	Test Method
Opacity	Performance Test	Initial[1]	30 minutes[2]	40 CFR 60, Appendix A, Method 9
		5 years[3]		

[1] Testing shall be conducted in accordance with 40 CFR §60.11 and 40 CFR §60.675.
[2] In accordance with 40 CFR §60.675(c)(3), when determining compliance with the fugitive emissions standard for any affected facility described under 40 CFR §60.672(b) or 40 CFR §60.672(e)(1), the duration of the Method 9 observations must be 30 minutes (five 6-minute averages). Compliance with the applicable fugitive emission limits in Table 3 of NSPS Subpart OOO must be based on the average of the five 6-minute averages.
[3] In accordance with Table 3 of NSPS Subpart OOO, for any affected facility that commenced construction, modification, or reconstruction on or after April 22, 2008, the owner or operator shall conduct a repeat performance test within five years from the previous performance test for fugitive emissions (as defined in 40 CFR §60.671) from affected facilities without water sprays. Affected facilities controlled by water carryover from upstream water sprays that are inspected according the requirements in 40 CFR §60.674(b) and 40 CFR §60.676(b) are exempt from this five year repeat testing requirement.

Table 4 – Compliance Demonstrations for Stack Emissions (as defined in 40 CFR §60.671) from Equipment Subject to NSPS Subpart OOO

Pollutant	Compliance Methodology	Frequency	Test Run Time	Test Method
PM – Federal	Stack Test	Initial[1]	1 hour	40 CFR 60, Appendix A, Method 5
Opacity	Stack Test	Initial[2]	1 hour	40 CFR 60, Appendix A, Method 9
		Quarterly[3]	30 minutes	40 CFR 60, Appendix A, Method 22

[1] Testing shall be conducted in accordance with 40 CFR §60.8 and 40 CFR §60.675. In accordance with 40 CFR §60.675(b) – 40 CFR §60.675(f), 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.
[2] Testing is required for any affected facility with a capture system, including buildings with mechanical vents, equipped with dry control devices and that commenced construction, modification, or reconstruction before April 22, 2008. Testing shall be conducted in accordance with 40 CFR §60.11 and 40 CFR §60.675
[3] In accordance with 40 CFR §60.674(c), except as provided as specified in 40 CFR §60.674(d) or 40 CFR §60.674(e), the owner or operator of any affected facility for which construction, modification, or reconstruction commenced on or after April 22, 2008, that uses a baghouse to control emissions must conduct quarterly 30-minute visible emissions inspections. The test shall be conducted while the baghouse is operating and considered successful if no visible emissions are observed. If any visible emissions are observed, the owner or operator shall follow the requirements of 40 CFR §60.674(c).

NOTE: The testing requirements in Table 4 apply to equipment in the Equipment List of this permit and any new equipment added to the Aggregate Processing Plant not specifically listed in the Equipment List in this permit.

Table 5 – Compliance Demonstrations for State Emission Limits

Pollutant	Compliance Methodology	Frequency	Test Run Time	Test Method
PM – State	None	NA	1 hour	40 CFR 60, Appendix A, Method 5 40 CFR 51, Appendix M, Method 202
Opacity	None	NA	1 hour	40 CFR 60, Appendix A, Method 9
SO_2	None	NA	1 hour	40 CFR 60, Appendix A, Method 6C

Each emissions compliance test must be approved by the Department. Unless otherwise specified by the Department, each compliance test for an air pollutant, excluding opacity, shall consist of three separate runs. The arithmetic mean of three acceptable test runs shall apply for compliance, unless otherwise indicated by the Department.

Opacity compliance tests shall consist of a minimum of three, 1-hour runs of observations. Opacity shall be determined as the average of any 24 consecutive, 15-second observations from the data set. The opacity observation duration and averaging time requirements apply unless otherwise specified by federal rule, specified in this permit, or granted prior written approval by the Department.

In accordance with 567 IAC 21.10(7)"a":

1. At the Department's request, a pretest meeting shall be held not later than 15 days before the owner or operator conducts the compliance demonstration. A testing protocol shall be submitted to the Department for review no later than 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.
2. A representative of the Department shall be permitted to witness the tests. In order to allow a Department representative the opportunity to observe a stack test, each test must begin on a weekday, between the hours of 6 am to 6 pm. Alternative stack test times may be granted through written Department approval prior to testing.
3. The Department shall reserve the right to impose additional, different, or more detailed testing requirements.

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 (i.e. not under startup or shutdown conditions) at

(a) its maximum continuous production or operating rating as rated by the equipment manufacturer, which is listed on either the first page or Condition 3, Emission Point Characteristics, of this permit, or
(b) a permitted rating listed elsewhere in this permit that is less than the maximum continuous production or operating rating as rated by the equipment manufacturer.

If the compliance test is conducted at less than (a) or (b) above then the owner or operator shall either retest the unit(s) under the conditions of (a) or (b) above or the Department may require additional information or action to determine the unit(s) compliance status with applicable emission limits. This information or action includes, but is not limited to, a permit amendment, additional testing, continuous monitoring, and operating data.

3. Emission Point Characteristics

The owner or operator shall ensure:

A. All stacks shall be unobstructed and vertical.

B. Generator stack heights are:
   (1) 25 feet above grade for each United Stated Environmental Protection Agency (US EPA) certified Tier 2 and certified Tier 3 engine.
   (2) 20 feet above grade for each US EPA certified interim Tier 4 and certified Tier 4 engine.

It shall be the responsibility of the owner or operator to ensure construction conforms with the emission point characteristics stated above. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty days of the discovery to determine if a permit amendment is required, or submit a permit application requesting to amend the permit.

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4. Federal Standards

A. New Source Performance Standards (NSPS):
   (1) Unless exempted or considered an existing facility in accordance with 40 CFR §60.670, the emission units listed in the Equipment List of this permit for which construction, reconstruction, or modification commenced after August 31, 1983, are subject to the following NSPS subparts:

Table 6 - NSPS Subpart OOO Citations

Subpart	Title	State Reference (567 IAC)	Federal Reference (40 CFR)
A	General Provisions	23.1(2)	§60.1 – §60.19
OOO	Standards of Performance for Nonmetallic Mineral Processing Plants	23.1(2)“bbb”	§60.670 – §60.676

   (2) Storage tanks of liquid petroleum at the site covered by this permit may be subject to the following standard:

Table 7 - NSPS Subpart Kb Citations

Construction, Modification, Reconstruction Date	Subpart	Title	State Reference (567 IAC)	Federal Reference (40 CFR)
After July 23, 1984	Kb	Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984	23.1(2)“ddd”	§60.110b – §60.117b

   (3) Stationary diesel internal combustion engines at the site covered by this permit may be subject to the following NSPS standards:

Table 8 - NSPS Subpart IIII Citations

Subpart	Title	State Reference (567 IAC)	Federal Reference (40 CFR)
A	General Provisions	23.1(2)	§60.1 – §60.19
IIII	Standards of Performance for Stationary Compression Ignition Internal Combustion Engines	23.1(2)"yyy"	§60.4200 – §60.4219

Please note a portable engine does not meet the definition of *Stationary Internal Combustion Engine*, as defined in 40 CFR §60.4219, and therefore is not subject to NSPS Subpart IIII as long as the engine does not remain in one location for more than twelve consecutive months. If the engine is ever operated as a stationary internal combustion engine, it will have to comply with the requirements of NSPS Subpart IIII.

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.

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

(1) The Aggregate Processing Plant is not subject to any NESHAP standards as there is no applicable subpart for its source category at this time.

(2) Stationary diesel internal combustion engines at the site covered by this permit may be subject to the following NESHAP standards:

Table 9- NESHAP Subpart ZZZZ Citations

Subpart	Title	State Reference (567 IAC)	Federal Reference (40 CFR)
A	General Provisions	23.1(4)	§63.1 – §63.15
ZZZZ	National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	23.1(4)"cz"	§63.6580 – §63.6675

Please note the following:

(a) In accordance with 40 CFR §63.6590(c), engines that are in compliance with NSPS Subpart IIII are considered in compliance with NESHAP Subpart ZZZZ and no further NESHAP Subpart ZZZZ requirements apply.

(b) If the engine is a portable engine it does not meet the definition of *Stationary Internal Combustion Engine*, as defined in 40 CFR §63.6675, and therefore is not subject to NESHAP Subpart ZZZZ as long as the engine does not remain in one location for more than twelve consecutive months. If the engine is ever operated as a stationary internal combustion engine, it will have to comply with the requirements of NESHAP Subpart ZZZZ.

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 any federal regulation, all records as required by this permit shall be available on-site for a minimum of two 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:

Prohibited Locations

A. The owner or operator shall not locate this Aggregate Processing Plant in Linn County or Polk County unless the owner or operator obtains an air quality permit for this Aggregate Processing Plant from the air pollution control agency of that county. The owner or operator shall maintain the following records:
   (1) A log of the locations where this Aggregate Processing Plant operates in Iowa including:
      a. The county and
      b. The distance between the Aggregate Processing Plant and the property line.

B. The owner or operator shall not locate this Aggregate Processing Plant on the same property where emission sources are covered by an IDNR Air Quality Construction Permit, other than another Aggregate Processing Plant, Hot Mix Asphalt Plant, Liquid Storage Tanks, or Concrete Batch Plant. The plant shall be separated from the other Aggregate Processing Plant, Hot Mix Asphalt Plant, Liquid Storage Tanks, or Concrete Batch Plant by the distance required in Condition 5.C.

Aggregate Processing Plant Operating Requirements

C. The owner or operator shall use Table 10 (see below) to determine the daily production limit and the number of storage bins and/or conveyors that can be operated at any one time:

Table 10 - Daily Production Limit and Process Operation Limit

Distance of the Aggregate Processing Plant from the Nearest Property Line and Any Other Permitted Plant	Daily Production Limit (Tons of Aggregate)	Maximum Number of Storage Bins and Conveyors Operating at Any One Time
At least 200 ft	4,725	40
At least 300 ft	6,300	30
At least 450 ft	7,400	40

D. This Aggregate Processing Plant shall not operate more than 14 hours per day and only between the hours of 5:00 am – 9:00 pm, except for Woodbury County. In Woodbury County this Aggregate Processing Plant shall operate only between the hours of 5:00 am – 8:00 pm.

E. The Aggregate Processing Plant shall operate no more than three crushers at any one time.

F. The Aggregate Processing Plant shall operate no more than three screening stations at any one time.

G. All crushers at this Aggregate Processing Plant 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.

H. The owner or operator shall ensure fugitive emissions of particulate matter meet the opacity standards listed in Condition 1 (Emission Limits) of this permit and are controlled by natural moisture, added moisture, or other acceptable practices, as necessary.

Engine Requirements

I. If a diesel internal combustion engine is used at this Aggregate Processing Plant, it shall be certified by the US EPA to meet the Tier 2, Tier 3, interim Tier 4, or final Tier 4 standards for compression ignition engines in accordance with 40 CFR Part 1039.

J. The combined maximum rated capacity (MRC) of all internal combustion engines operated at one time at this Aggregate Processing Plant shall not exceed 2,200 horsepower (hp).

K. The only fuels allowed to be combusted at this Aggregate Processing Plant are #1 or #2 diesel fuel, biodiesel, propane, and natural gas.

L. The maximum sulfur (S) content of any fuel used at this Aggregate Processing Plant shall be 15 parts per million (ppm).

Monitoring and Recordkeeping Requirements

M. The owner or operator of this Aggregate Processing Plant shall keep the following records:
(1) An updated equipment list of emission units at this Aggregate Processing Plant.
(2) A log of inspections and maintenance on all pollution control devices.
(3) A log of equivalent pollution control measures used in lieu of water spray.
(4) A log of the fuels used at the Aggregate Processing Plant and their respective sulfur (S) contents.
(5) A log of the following information for this Aggregate Processing Plant:
a. The date,
b. The time of initial startup for the day,
c. The time of final shutdown for the day, and
d. The amount of production (in tons of aggregate).
(6) A log detailing each location for this Aggregate Processing Plant along with the respective distance from the property line and any other permitted plant (as allowed by Condition 5.B.) at each location.
(7) All applicable monitoring and recordkeeping requirements of 40 CFR §60.674 and 40 CFR §60.676.

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6. Best Management Practices (BMP)

This Aggregate Processing Plant is required to employ Best Management Practices (BMP) 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. The following are examples of reasonable practices that can be used by the owner or operator to minimize the generation of fugitive dust emissions:

A. BMP on process equipment include, but are not limited to:
- Limit the drop heights of materials being transferred to or from any stock pile, bin, or conveyor
- Watering materials

B. BMP on haul roads include, but are not limited to:
- Limiting truck speed on the property
- Watering and/or treating unpaved roadways with chemical dust suppressants
- Immediately cleaning up or dampening all material spills on the roadways

C. 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

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7. Department Review

This permit is issued under the authority of 567 Iowa Administrative Code (IAC) 22.3. The proposed equipment covered by this permit has been evaluated for conformance with the emission limits in this permit; Iowa Code Chapter 455B; Division II; 567 IAC Chapters 21 – 33; and 40 Code of Federal Regulations (CFR) Parts 51, 52, 60, 61, and 63 and has the potential to comply. Unless stated elsewhere in this permit, any control equipment covered by this permit shall operate at all times when the emission unit(s) covered by this permit are in operation.

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.

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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.

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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 [567 IAC 22.3(3)"f"].

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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.

This permit or amendment shall become void if any one of the following conditions occurs:
(1) The construction or implementation of the proposed project, as it affects the emission point permitted herein, is not initiated within 18 months after the permit issuance date; or
(2) The construction or implementation of the proposed project, as it affects the emission point permitted herein, is not completed within 36 months after the permit issuance date; or
(3) The construction or implementation of the proposed project, as it affects the emission point permitted herein, is not completed within a time period specified elsewhere in this permit.

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.
(3) The owner or operator is allowed to add or remove emission units from the equipment list specified in Table 12 without amending this permit as long as the facility continues to meet all other requirements in this permit.

Changes to the final plans and specifications 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

An incident of excess emissions other than as listed in 567 IAC 21.7(1) is a violation and may be subject to criminal penalties according to Iowa Code 455B.146A. 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 shut down within a reasonable period of time, as specified in 567 IAC 21.7.

An incident of excess emissions shall be orally reported by telephone, electronic mail or in person to the appropriate field office within eight 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 days of the onset of the upset condition [See Permit Condition 12.B.(2)].

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12. Notification, Reporting, and Recordkeeping

A. The owner or operator shall furnish the Department the following written notifications:
(1) In accordance with 567 IAC 22.3(3)“b”, dates of intended startup, start of construction, and actual equipment startup. All notifications required by 567 IAC 22.3(3)“b” shall be submitted in writing within 30 days following the applicable date and include the information required by 567 IAC 22.3(3)“b”.
(2) In accordance with 567 IAC 22.3(3)“f”, 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 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 7 days before equipment relocation.

(3) In accordance with 567 IAC 22.3(8), a new owner shall notify the Department of the transfer of equipment ownership within 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 construction permit number(s) of the equipment changing ownership.

(4) Unless specified, in accordance with a federal regulation, the owner or the owner's authorized agent shall notify the Department in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor [567 IAC 21.10(7)]. 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 30 days.

B. The owner or operator shall furnish the Department with the following reports:

(1) In accordance with 567 IAC 21.7(2), an incident of excess emissions as defined in 567 IAC 21.1 shall be reported within eight 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) In accordance with 567 IAC 21.7(3), a written report of an incident of excess emissions as defined in 567 IAC 21.1 shall be submitted as a follow-up to all required initial reports to the Department within seven 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 567 IAC 21.7.

(4) In accordance with 567 IAC 21.10(6), 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 30 calendar days following the end of the calendar quarter, on forms provided by the Director.

(5) In accordance with 567 IAC 21.10(7), a written compliance demonstration report for each compliance testing event, whether successful or not, postmarked no later than six 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 two (2) years from the date of recording unless otherwise required by another applicable law (i.e. NSPS, NESHAP, etc.).

D. The owner or operator shall submit an updated equipment list to the Air Quality Bureau Construction Permit Supervisor at the address listed in Condition 12.E. within 30 days of the change to the equipment list.

E. Information regarding this permit should be sent to the attention of the following individuals based on the type of information being submitted: change in ownership (Air Quality Bureau Records Center), permit correspondence including equipment list updates (Construction Permit Supervisor), stack testing correspondence (Stack Test Coordinator), and reports and notifications (Compliance Unit Supervisor and DNR Field Office). The addresses are:

(1) Air Quality Bureau
Iowa Department of Natural Resources
6200 Park Ave, Ste. 200
Des Moines, IA 50321
Telephone: (515) 725-8200
Fax: (515) 725-8201

(2) DNR Field Offices:

DNR Field Office 1
1101 Commercial Court, Suite 10
Manchester, IA 52057
Telephone: (563) 927-2640
Fax: (563) 927-2075

DNR Field Office 2
2300 15th St. SW
Mason City, IA 50401
Telephone: (641) 424-4073
Fax: (641) 424-9342

DNR Field Office 3
1900 N. Grand Ave, Ste. E17
Spencer, IA 51301
Telephone: (712) 262-4177
Fax: (712) 262-2901

DNR Field Office 4
1401 Sunnyside Ln.
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1023 W. Madison
Washington, Iowa 52353
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13. Appeal Rights

All conditions within an original permit may be appealed, subject to the appeal rights set forth in 561 IAC Chapter 7. Amended conditions within a permit amendment may be appealed, subject to the appeal rights set forth in 561 IAC Chapter 7. In permit amendments, all provisions of the original permit remain in full force and effect unless they are specifically changed by the permit amendment. The previous, unchanged permit provisions are included in the amendment for your convenience only and are unappealable.

14. Permit History

Table 11 – Permit History

Permit No.	Project No.	Description	Date	Stack Testing

Table 12 – Equipment List

NOTE: In accordance with Condition 10.B.(3), the owner or operator is allowed to add or remove emission units from this equipment list without amending this permit as long as the facility continues to meet all other requirements in this permit. The owner or operator shall submit updated equipment lists to the Air Quality Bureau Construction Permit Supervisor as specified in Condition 12.D.

Production Equipment Type	Production Equipment Make and Model	Production Equipment Serial Number or Company ID	Maximum Rated Capacity (MRC)	Associated Control Equipment Serial Number or Company ID	Construction Date

END OF PERMIT