Concrete Batch 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
		No	

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. **Emission limits for emission units listed in the Equipment List**
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 - Emission Limits

Pollutant	Emission Limit	Reference/Basis
Particulate Matter (PM) – State	0.1 gr/dscf[1]	567 IAC 23.4(11)
	0.6 lb/MMBTU[1, 2]	567 IAC 23.3(2)"b"
Opacity	40%[3, 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 combustion for indirect heating.
[3] The emission limit is based on a six minute average.
[4] An exceedance of the indicator opacity of 25% will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Department may require additional proof to demonstrate compliance (e.g., stack testing).
[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.

B. **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

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. Facility-Wide Emission Unit Limitations

The owner or operator shall ensure the Concrete Batch Plant covered by this permit conforms to the following list of maximum number of emission units, emission controls, and stack heights:

Maximum Number of Emission Units

A. The owner or operator shall limit the Concrete Batch Plant covered by this permit to having a maximum of:
   (1) Six silos that store either cement or cement supplement. Each silo shall be controlled by a baghouse.
   (2) One of each of the following equipment:
      a. Cement weigh hopper or weigh batcher
      b. Aggregate weigh hopper
      c. Boiler
      d. Internal combustion engine
      e. Pick Option 1 of Option 2 from below

Maximum Number of Emission Units (Wet or Dry Batch Plant)
The maximum number of emission units and type of emission units allowed is different for wet and dry batch plants. Pick Option 1 or Option 2 from below:

Option 1: Wet Batch Plant

      e. Mixer

Option 2: Dry Batch Plant

      e. Truck Loadout

B. The owner or operator may have any number of the following emission units:
   (1) Elevated aggregate bins with the following conditions:
      a. Only one bin shall be filled at any one time.
   (2) Aggregate load-in hoppers and conveyors with the following conditions:
      a. Only one load-in hopper and conveyor shall be used to transport aggregate or sand to the elevated bins at any one time or
      b. Only one front end loader shall be used to load multiple conveyors at any one time.

Stack Parameter Requirements

C. The owner or operator shall ensure the following equipment meet the minimum stack heights (above grade) listed:
   (1) Any cement or cement supplement silo: 37 ft
   (2) Boiler: 15 ft
   (3) Internal combustion engine: 15 ft
   (4) Pick Option A, B, or C below

Stack Parameter (stack height)
The stack height of certain equipment is dependent upon the operation.

Option A: Dry Batch Plant with baghouse with a stack between 20 ft and 37 ft

   (4) Baghouse Stack on the Truck Loadout: 20 ft

Option B: Dry Batch Plant with baghouse with a stack 37 ft or greater

(4) Baghouse Stack on the Truck Loadout: 37 ft

Option C: Wet Batch Plant with a baghouse

(4) Baghouse Stack on the Mixer: 37 ft

D. Emission points for any boiler or internal combustion engine shall be unobstructed vertical.

E. Emission points for any silo, mixer, or truck loadout may be any orientation (i.e. unobstructed vertical, obstructed vertical, horizontal, and downward).

It shall be the owner's responsibility to ensure that construction conforms to the emission unit characteristics stated above. A concrete batch plant not meeting all of the requirements described above shall apply for a permit to construct as outlined in 567 IAC 22.1(3).

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4. Federal Standards

A. New Source Performance Standards (NSPS):

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

Table 4 - 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

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

Table 5 - 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 Concrete Batch 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 6- 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 Concrete Batch Plant in Linn County or Polk County unless the owner or operator obtains an air quality permit for this Concrete Batch Plant from the air pollution control agency of that county.

B. The owner or operator shall not locate this Concrete Batch Plant on the same property where emission sources are covered by an IDNR Air Quality Construction Permit, other than another Concrete Batch Plant, an Aggregate Processing Plant, or a Hot Mix Asphalt Plant. The plant shall be separated from the other Aggregate Processing Plant, Hot Mix Asphalt Plant, or Concrete Batch Plant by a minimum distance of 1,000 ft .

General Requirements for all Concrete Batch Plants

C. The owner or operator shall operate and maintain all baghouses at the Concrete Batch Plant in accordance with manufacturer's specifications and maintenance schedules. The owner or operator shall maintain a log of the following information:

(1) The date any inspection and/or maintenance was performed;
(2) Any issues identified during the inspection and the date each issue was resolved;
(3) Any issues identified during the maintenance activities and the date each issue was resolved; and
(4) Identification of the staff member performing the maintenance or inspection.

D. If visible emissions are observed from any baghouse, the owner or operator shall identify the cause of the visible emissions and take corrective action immediately. The owner or operator shall maintain a log of each occurrence of visible emissions being observed from a baghouse. The log shall contain the date and time of the visible emissions observation, the cause, the corrective action taken, and the date and time of resolution.

Requirements for all Boilers at Concrete Batch Plants

E. The maximum rated capacity (MRC) of the boiler shall be less than or equal to 10 MMBTU/hr.

F. The boiler is limited to combusting either natural gas and/or propane.

Requirements for all Internal Combustion Engines used at Concrete Batch Plants

G. Any internal combustion engine used at the facility shall only combust #1 or #2 diesel fuel.

H. In accordance with 567 IAC 23.3(3)"b"(1), the maximum sulfur (S) content of any #1 or #2 fuel oil combusted in an internal combustion engine shall not exceed 0.5% (by wt). The owner or operator shall keep a log containing the sulfur (S) content of each shipment of #1 or #2 fuel oil received.

I. The amount of diesel fuel combusted in any internal combustion engine at the Concrete Batch Plant shall not exceed:
(1) 35 gallons per hour for internal combustion engines with an MRC less than or equal to 600 horsepower and
(2) 50 gallons per hour for internal combustion engines with an MRC greater than 600 horsepower.

J. The owner or operator shall keep a log of the following information for any internal combustion engine used at the Concrete Batch Plant:
(1) The MRC in horsepower (hp)
(2) For each day of operation:
a. The date
b. The amount of fuel combusted for each hour of operation

K. The internal combustion engine at the Concrete Batch Plant shall not operate more than 4,850 hours per rolling 12-month period. The owner or operator shall record the following for each month of operation:
(1) The total hours of operation for the internal combustion engine.
(2) The twelve (12) month rolling total for hours of operation for the internal combustion engine.

Requirements specific to the Concrete Batch Plant in this permit

L. Pick Option 5a, 5b, 5c, 5d, or 5e below

Operating Requirements: The operating limits are dependent upon the type of operation. The options and the recordkeeping are spelled out below.

Option 5a: These are the requirements for a Dry Batch Plant with only an enclosure on the truck loadout.

M. The Concrete Batch Plant shall not produce more than 648 cubic yards per day. The owner or operator shall maintain a log with the following information for each day of operation:
(1) The date and
(2) The amount of concrete produced (in cubic yards).

N. The Truck Loadout shall be enclosed by one of the following methods:
   (1) *Back-In Operation* – The Truck Loadout shall be roofed and permanently enclosed on the three (3) sides not used to enter the loadout area by the mix truck.
   (2) *Drive-Through Operation* – The Truck Loadout shall be roofed and permanently enclosed on the two (2) sides not used to enter the loadout area by the mix truck. The other two drive-through sides must be equipped with either (a) dust tarps that are lowered each time a truck is filled or (b) drive-through plastic strips. If a Concrete Batch Plant uses plastic strips, the owner or operator must periodically replace the plastic strips when the plastic strips become warped or damaged or are otherwise not providing an effective enclosure.

Option 5b: These are the requirements for a Dry Batch Plant with a baghouse on the truck loadout and stack height of between 20 ft and 37 ft.

M. The Concrete Batch Plant shall not produce more than 2,900 cubic yards per day. The owner or operator shall maintain a log with the following information for each day of operation:
   (1) The date and
   (2) The amount of concrete produced (in cubic yards).

Option 5c: These are the requirements for a Dry Batch Plant with a baghouse on the truck loadout and stack height 37 ft for greater.

M. The Concrete Batch Plant shall not produce more than 4,260 cubic yards per day. The owner or operator shall maintain a log with the following information for each day of operation:
   (1) The date and
   (2) The amount of concrete produced (in cubic yards).

Option 5d: These are the requirements for a Wet Batch Plant with only an enclosure

M. The Concrete Batch Plant shall not produce more than 3,420 cubic yards per day. The owner or operator shall maintain a log with the following information for each day of operation:
   (1) The date and
   (2) The amount of concrete produced (in cubic yards).

Option 5e: These are the requirements for a Wet Batch Plant with a baghouse

M. The Concrete Batch Plant shall not produce more than 5,790 cubic yards per day. The owner or operator shall maintain a log with the following information for each day of operation:
   (1) The date and
   (2) The amount of concrete produced (in cubic yards).

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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
   - If using unenclosed aggregate storage bins, do not load aggregate within two feet of the top of the

bin walls

B. BMP on haul roads include, but are not limited to:
- Limiting truck speed on the 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

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"].

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 10 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.

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.
Atlantic, Iowa 50022
Telephone: (712) 243-1934
Fax: (712) 243-6251

DNR Field Office 5
6200 Park Ave, Ste. 200
Des Moines, IA 50321
Telephone: (515) 725-0268
Fax: (515) 725-8201

DNR Field Office 6
1023 W. Madison
Washington, Iowa 52353
Telephone: (319) 653-2135
Fax: (319) 653-2851

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 7 – Permit History

Permit No.	Project No.	Description	Date	Stack Testing

Table 8 – 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