



Linn County Public Health Air Quality Division
Air Quality Construction Permit for a Large BGP
(Daily throughput < 20,000 gallons)

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: _____ (street)
_____ (city, state, zip)

Does your company own or operate another facility adjacent to or contiguous with this bulk gasoline plant? Yes No

If yes, identify the facility: _____

TYPE OF EQUIPMENT BEING PERMITTED

This permit is only applicable to equipment located at a "bulk gasoline plant"¹ that is located at an "area source of Hazardous Air Pollutants (HAP)."² The owner or operator is allowed to add, remove, and modify emission units, or change throughput or operations at this source without modifying this permit as long as the source continues to meet the emission limits and the operating limits in Condition 1 of this permit and maintains a list of all loading arms and storage tanks operated at the facility as specified in Condition 5 of this permit. If any proposed change at this source would cause an exceedance of any emission limit or operating condition in this permit, the owner or operator must first obtain the proper air quality construction permit.

¹ A "bulk gasoline plant" (BGP) is any gasoline storage and distribution facility that receives gasoline by pipeline, ship or barge, or cargo tank and has a gasoline throughput of less than 20,000 gallons per day. Gasoline throughput shall be the maximum calculated design throughput as may be limited by compliance with an enforceable condition under federal, state, or local law and discoverable by the Administrator and any other person.

² An "area source of HAP" is a stationary source that has the potential to emit of less than 10 tons per year of any individual HAP and less than 25 tons per year of total HAP.

Exclusions

The following BGPs shall not be covered under this permit:

- A. Any plant that is located at a major source of HAP or is subject to rule 22.4(455B) (special requirements for major stationary sources located in areas designated as attainment or unclassified (PSD)), or subject to LCCO Sec. 10-58(1) (emissions offsets for non-attainment designated areas).
 - B. Any equipment used for the storage and distribution of gasoline and fuel oils at a bulk gasoline plant already subject to an existing air quality construction permit unless those permits are revoked concurrently when this permit is signed and issued.
 - C. Emission units not used for the storage and distribution of gasoline and fuel oils including, but not limited to, boilers, heaters, and stationary combustion engines. The owner or operator of these emission units must use an applicable exemption from LCCO Sec. 10.58(k) or obtain a construction as specified in LCCO Sec. 10-58(b).
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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) equipment located at a "bulk gasoline 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 this bulk gasoline plant does not emit any of the greenhouse gases listed in Attachment A of this permit.

I certify that the requirements of 40 CFR Part 63, Subpart BBBBBB (*National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities*) will be met by the compliance date specified in Condition 4 of this permit and will be met at all times thereafter. I certify that all other terms and conditions of this permit will be met beginning with the issuance date of the permit and at all times thereafter.

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

_____ (Responsible Party – Signature)

_____ (Title) _____ (Date)

EQUIPMENT LIST

(If there are more than 6 holding arms, make copies of this form and attach)

Table 1. Complete the following table for the loading rack

Arm ID	Date of Construction	Rated Pump Capacity (gpm)	Average Monthly Throughput (gal) ¹	Materials Loaded (check all that apply)	Loading Method ² (check one)
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom
				<input type="checkbox"/> Gasoline ³ <input type="checkbox"/> Fuel Oil ⁴ <input type="checkbox"/> Other Liquid:	<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁵ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁵ to within 6" of bottom

¹ Required for gasoline only.

² Bottom filling is considered to be a type of submerged filling.

³ Includes all blends of gasoline (e.g., E10, E85, gasohol).

⁴ Includes fuel oil grades No. 1 through No. 6, kerosene, and diesel fuels.

⁵ For arms loading gasoline, submerged fill pipes installed before November 9, 2006 must be no more than 12 inches from the bottom of the tank. Submerged fill pipes installed after November 9, 2006 must be no more than 6 inches from the bottom of the tank.

EQUIPMENT LIST

(If there are more than 12 storage tanks, make copies of this form and attach)

Table 2. Complete the following table for each storage tank located at this facility

Tanks with a capacity of less than 250 gallons do not have to be listed in Table 2

Tank ID	Material Stored (check one)	Tank Capacity (gal.)	Date of Installation	Loading Method ¹ (check one)
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom

¹ Bottom filling is considered to be a type of submerged filling.

² Includes all blends of gasoline (e.g., E10, E85, gasohol).

³ Includes fuel oil grades No. 1 through No. 6, kerosene, and diesel fuels.

⁴ For arms loading gasoline, submerged fill pipes installed before November 9, 2006 must be no more than 12 inches from the bottom of the tank. Submerged fill pipes installed after November 9, 2006 must be no more than 6 inches from the bottom of the tank.

Table 2 (Continued). Complete the following table for each storage tank located at this facility

Tanks with a capacity of less than 250 gallons do not have to be listed in Table 2

Tank ID	Material Stored (check one)	Tank Capacity (gal.)	Date of Installation	Loading Method ¹ (check one)
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom
	<input type="checkbox"/> Gasoline ² <input type="checkbox"/> Fuel Oil ³ <input type="checkbox"/> Other Liquid:			<input type="checkbox"/> Top load, splash fill <input type="checkbox"/> Submerged fill ⁴ (i.e., drop tube) to within 12" of bottom <input type="checkbox"/> Submerged fill ⁴ to within 6" of bottom

¹ Bottom filling is considered to be a type of submerged filling.² Includes all blends of gasoline (e.g., E10, E85, gasohol).³ Includes fuel oil grades No. 1 through No. 6, kerosene, and diesel fuels.⁴ For arms loading gasoline, submerged fill pipes installed before November 9, 2006 must be no more than 12 inches from the bottom of the tank. Submerged fill pipes installed after November 9, 2006 must be no more than 6 inches from the bottom of the tank.

PERMIT CONDITIONS

1. 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
Volatile Organic Compounds (VOC)	NA	37.0 ³	NA	Synthetic minor
(Single HAP)	NA	Footnote 4	NA	Synthetic minor
(Total HAP)	NA	Footnote 4	NA	Synthetic minor

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 Limit for all loading racks and storage tanks. Limit established to limit the facility's potential to emit.

⁴ Based on the EPA document, "Gasoline Distribution Industry (Stage I) – Background Information for Proposed Standards," (January, 1994), total HAP concentration of gasoline vapor is 11.0%, by weight, and the highest concentration of a single HAP is hexane at 4.4%, by weight.

2. Compliance Demonstration(s)

Compliance Demonstration Table

Pollutant	Compliance Methodology	Frequency	Test Run Time	Test Method
VOC	None	NA	1 hour	40 CFR 63, Appendix A, Method 320 or 40 CFR 60, Appendix A, Method 18
HAP	None	NA	1 hour	40 CFR 60, Appendix A, Method 18

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

There are no specific stack characteristic requirements for the bulk gasoline plant subject to this permit.

4. Federal Standards

A. New Source Performance Standards (NSPS):

This emission unit is of the source category for Subpart Kb (*Standards of Performance for Volatile Organic Liquid Storage Vessels [Including Petroleum Liquid Storage Vessels] for which Construction, Reconstruction, or Modification Commenced after July 23, 1984*; 40 CFR §60.110b – §60.117b). However, pursuant to 40 CFR §60.110b(d)(5), storage tanks at bulk gasoline plants are exempt from this subpart.

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):

The following subparts apply to this facility:

EU ID	Subpart	Title	Type	Local Reference (LCCO Sec.)	Federal Reference (40 CFR)
Facility	A	General Conditions	NA	10-62(d)(1)	§63.1 – §63.15
	BBBBBB	Gasoline Dist. Bulk Terminals, Bulk Plants, and Pipeline Facilities	< 20,000 gal/month	10-62(d)(132)	§63.11080 – §63.11100

The emission sources to which the subpart applies are the gasoline storage tanks, gasoline loading racks, vapor collection-equipped gasoline cargo tanks, and equipment components in vapor or liquid gasoline service. If this plant started up on or before November 9, 2006, it is considered an existing affected source and must comply with the requirements of this subpart by no later than January 10, 2011. If this plant started up between November 9, 2006 and January 10, 2008, it is considered a new affected source and must comply with the requirements of this subpart by no later than January 10, 2008. New facilities that start up after January 10, 2008 must comply with the requirements of this subpart upon startup.

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 gasoline throughput at this facility shall not exceed 19,999 gallons per day. This shall be the amount of all gasoline and gasoline blends loaded into the "gasoline cargo tanks."¹ The owner or operator shall record the date and quantity of all gasoline and gasoline blends loaded into cargo tanks each day.

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

- B. The owner or operator shall maintain an up-to-date list of the loading arms and storage tanks located at this facility. This information shall include the identification and description, the capacity, the installation date, and associated control equipment. For gasoline storage tanks and loading arms for gasoline, information must be maintained on the type of loading method (i.e., submerged fill within 12 inches of the tank bottom).
- C. Pursuant to 40 CFR §63.11083, each gasoline storage tank with a capacity of 250 gallons or greater and each gasoline cargo tank shall be loaded by means of submerged filling² before the compliance date specified in Condition 4 of this permit. Submerged fill pipes installed on or before November 9, 2006 must be no more than 12 inches from the bottom of the tank. Submerged fill pipes installed after November 9, 2006 must be no more than 6 inches from the bottom of the tank. Any new gasoline storage tank or loading rack installed after the issuance date of this permit shall also comply with this requirement. Bottom filling of storage tank and gasoline cargo tanks is included in the definition of submerged filling.
- D. Pursuant to 40 CFR §63.11083, the owner or operator shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time after the compliance date specified in Condition 4 of this permit. Measures to be taken include, but are not limited to, the following:
 - 1. Minimize gasoline spills;
 - 2. Clean up spills as expeditiously as practicable;
 - 3. Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and
 - 4. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.
- E. Pursuant to 40 CFR §63.11083, the owner or operator must perform a monthly leak inspection of all equipment in gasoline service³ after the compliance date specified in Condition 4 of this permit. Equipment in gasoline service includes, but is not limited to, pumps, valves, open-ended lines, and connectors. For this inspection, detection methods incorporating site, sound, and smell are acceptable. The following information must be retained:
 - 1. The types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program for leak monitoring, the record shall contain a full description of the program.
 - 2. A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
 - 3. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt to repair shall be made as soon as practicable, but not later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. Delay of repair of leaking equipment will be allowed if the repair is not feasible after 15 days. The owner or operator shall provide in its semiannual report the reason(s) why the repair was not feasible and the date each repair was completed.
 - 4. For each leak that is detected, the following information shall be recorded:
 - i. The equipment type and identification number;
 - ii. The nature of the leak (i.e., vapor or liquid) and the method of detection;
 - iii. The date the leak was detected and the date of each attempt to repair the leak;
 - iv. The repair methods applied in each attempt to repair the leak.
 - v. If the leak is not repaired within 15 calendar days of detection, the reason for the delay;
 - vi. The expected date of successful repair of the leak, if the leak is not repaired within 15 days; and
 - vii. The date of the successful repair of the leak.

Acceptable methods of documenting the location of the leak(s) include, but are not limited to: tagging the leak, written descriptions, photographs, written work orders, diagrams, or a combination of these methods.

Reporting Requirements

- F. The owner or operator shall submit a report to the Linn County Public Health Department for any month in which the gasoline throughput exceeded the daily limit of 19,999 gallons. This report shall be submitted no later than 30 days after the exceedance and shall include the following information: facility identification; the month of the exceedance and the actual gasoline throughput for the month (in gallons).

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

- G. The owner or operator shall submit a semiannual excess emissions report to the Linn County Public Health Department which includes the following information:
1. For equipment leak detections, the number of equipment leaks not repaired within 15 days after leak detection; and
 2. For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:
 - i. The date on which the leak was detected;
 - ii. The date of each attempt to repair the leak;
 - iii. The reason for the delay of repair; and
 - iv. The date of successful repair.

These reports shall cover the period from January 1 to June 30 and from July 1 to December 31 of each calendar year. The reports shall be submitted by no later than 30 days from the end of the 6-month period. If no excess emission events occurred during the 6-month period, no report is required to be submitted.

¹ "Gasoline cargo tank" means a delivery tank truck or railcar which is loading gasoline or which has loaded gasoline on the immediately previous load.

² This requirement does not preclude the owner or operator from having to comply with other federal, state, or local regulations concerning the storage and distribution of gasoline.

³ "In gasoline service" means that a piece of equipment is used in a system that transfers gasoline or gasoline vapor.

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.
-

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.
 - (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

12. Notification, Reporting, and Recordkeeping (Continued)

- 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 CONCRETE BATCH PLANTS

A.1. List of Greenhouse Gases

In accordance with the certification statement included in this permit, the Responsible Party has certified that the gasoline dispensing facility covered by this permit does not emit any of the greenhouse gases as defined in LCCO Sec. 10-55.

Greenhouse Gas	Chemical Formula
Carbon dioxide	CO ₂
Methane	CH ₄
Nitrous oxide	N ₂ O
Sulfur hexafluoride	SF ₆

Hydrofluorocarbons	Chemical Formula
HFC-23	CHF ₃
HFC-32	CH ₂ F ₂
HFC-41	CH ₃ F
HFC-125	CHF ₂ CF ₃
HFC-134	CHF ₂ CHF ₂
HFC-134a	CH ₂ FCF ₃
HFC-143	CHF ₂ CH ₂ F
HFC-143a	CH ₃ CF ₃
HFC-152	CH ₂ FCH ₂ F
HFC-152a	CH ₃ CHF ₂
HFC-161	CH ₃ CH ₂ F
HFC-227ea	CF ₃ CHFCF ₃
HFC-236cb	CH ₂ FCF ₂ CF ₃
HFC-236fa	CHF ₂ CHFCF ₃
HFC-245ca	CF ₃ CH ₂ CF ₃
HFC-245fa	CH ₂ FCF ₂ CHF ₂
HFC-265mfc	CHF ₂ CH ₂ CF ₃
HFC-365mfc	CF ₃ CH ₂ CF ₂ CH ₃
HFC-43-10mee	CF ₃ CHFCHFCF ₂ CF ₃

Perfluorocarbons	Chemical Formula
Perfluoromethane (PFC-14)	CF ₄
Perfluoroethane (PFC-116)	C ₂ F ₆
Perfluoropropane (PFC-218)	C ₃ F ₈
Perfluorobutane (PFC-3-1-10)	C ₄ F ₁₀
Perfluorocyclobutane (PFC-318)	c-C ₄ F ₈
Perfluoropentane (PFC-4-1-12)	C ₅ F ₁₂
Nitrogen trifluoride	NF ₃
Perfluorohexane (PFC-5-1-14)	C ₆ F ₁₄
Perfluorodecalin (PFC-9-1-18)	C ₁₀ F ₁₈
Trifluoromethyl sulfur pentafluoride	SF ₅ CF ₃

END OF PERMIT