



Linn County Public Health Air Quality Division
Air Quality Construction Permit for a Large GDF
 (Monthly throughput \geq 100,000 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 gasoline dispensing facility? Yes No

If yes, identify the facility: _____

TYPE OF EQUIPMENT BEING PERMITTED

This permit is only applicable to equipment located at a "gasoline dispensing facility"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 and Condition 5 of this permit. If any proposed change at this source would cause an exceedance of any emission limit or operating limit in this permit, the owner or operator must first obtain the proper air quality construction permits.

¹ A "gasoline dispensing facility" (GDF) is any stationary facility which dispenses gasoline into the fuel tank of a motor vehicle, motor vehicle engine, nonroad vehicle, or nonroad engine, including a nonroad vehicle or nonroad engine used solely for competition. These facilities include, but are not limited to, facilities that dispense gasoline into on- and off-road, street, or highway motor vehicles, lawn equipment, boats, test engines, landscaping equipment, generators, pumps, and other gasoline-fueled engines and equipment.

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 GDFs 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(l) (emissions offsets for non-attainment designated areas).
- B. 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).

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 "gasoline distribution facility" 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 gasoline dispensing facility 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 CCCCCC (*National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing 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)

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	99.0 ³	NA	Synthetic minor
(Single HAP)	NA	9.4 ⁴	NA	Synthetic minor
(Total HAP)	NA	25.4 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 Emission limit for all 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 ^{1,2}	Frequency	Test Run Time	Test Method
VOC	Vapor Tightness	Initial Every 3 years	Footnote 3	CARB Procedure TP-201.1E, or Approved Alternative, 40 CFR §63.7(f)
VOC	Static Pressure	Initial Every 3 years	Footnote 4	CARB Procedure TP-201.1E, or Bay Area AQMD Procedure ST-30, or Approved Alternative, 40 CFR §63.7(f)
HAP	None	NA	1 hour	40 CFR 60, Appendix A, Method 18

¹ Pursuant to 40 CFR §63.11120(c), performance tests conducted for NESHAP Subpart CCCCC shall be conducted under such conditions as the Linn County Air Pollution Control Officer specifies to the owner or operator based on representative performance (i.e., normal operating conditions) of the affected source. Upon request, the owner or operator shall make available to LCPH such records as may be necessary to determine the conditions of the performance tests.

² Pursuant to 40 CFR §63.11120(d), the owner or operator of gasoline cargo tanks subject to the provisions of Table 2 to NESHAP Subpart CCCCC (reproduced in Attachment B) must conduct annual certification testing according to the vapor tightness testing requirements found in 40 CFR §63.11092(f).

³ Pursuant to 40 CFR §63.11120(a)(1), at the time of installation and every 3 years thereafter, the owner or operator must demonstrate compliance with the leak rate and cracking pressure requirements specified in Item 1(g) of Table 1 to NESHAP Subpart CCCCC (reproduced in Attachment A) for pressure-vacuum (PV) vent valves installed on your storage tanks using the methods in the table above.

⁴ Pursuant to 40 CFR §63.11120(a)(2), at the time of installation and every 3 years thereafter, the owner or operator must demonstrate compliance with the static pressure performance requirement specified in Item 1(h) of Table 1 to NESHAP Subpart CCCCC (Attachment A) for the vapor balance system by conducting a static pressure test on the gasoline storage tanks using the test methods in the table above.

NOTE: Pursuant to 40 CFR §63.11113(e), the owner or operator shall conduct the required initial compliance demonstration tests as follows:

- (1) for a **new or reconstructed source**, you must test upon installation of the complete vapor balance system;
- (2) for an **existing source** starting up **on or before December 15, 2009**, you must test no later than 180 days after January 10, 2008, or no later than 3 years after the affected source becomes subject to the control requirements in NESHAP Subpart CCCCC due to an increase in monthly throughput.
- (3) for an **existing source** starting up on or before December 15, 2009, with a vapor balance system installed **after December 15, 2009**, you must test upon installation of the complete vapor balance system.

NOTE: Pursuant to 40 CFR §63.11113(f), if your GDF is subject to the requirements of NESHAP Subpart CCCCC only because it loads gasoline into fuel tanks other than those in motor vehicles (as defined in 40 CFR §63.11132): an **existing source** must comply by **January 24, 2014**; or a **new or reconstructed source** starting up **after December 15, 2009 but before January 24, 2011**, you must comply by **January 24, 2011**; and a **new or reconstructed source** starting up after **January 24, 2011**, you must comply upon startup.

2. Compliance Demonstration(s) (Continued)

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.

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 gasoline distribution facility 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.

4. Federal Standards (Continued)

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
	CCCCC	Gasoline dispensing facilities	≥ 100,000 gallons	10-62(d)(133)	§63.11110 – §63.11132

The emission source to which the subpart applies is each gasoline cargo tank during the delivery of product to a GDF and also includes each gasoline storage tank. 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 five (5) 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:

General Requirements

- A. The owner or operator must, at all times, operate and maintain any affected source, including associated air pollution control and monitoring equipment, in a manner consistent with safety and good air pollution control practices for minimizing emissions. Determination of whether such operation and maintenance procedures are being used will be based on information available to Linn County which may include, but is not limited to, monitoring results, review of operation and maintenance procedures, review of operation and maintenance records, and inspection of the source.
- B. Pursuant to 40 CFR §63.11117(b), each gasoline storage tank with a capacity of 250 gallons or greater and each gasoline cargo tank shall be loaded by means of submerged filling¹ 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. Submerged fill pipes not meeting these specifications are allowed if the owner or operator can demonstrate that the liquid level in the tank is always above the entire opening of the fill pipe. The owner or operator shall maintain records demonstrating the liquid level in the tank at the time of filling and records of the fill pipe specification to demonstrate compliance with this requirement.
- C. Pursuant to 40 CFR §63.11116, 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.
- D. Pursuant to 40 CFR §63.11118(b), the owner or operator shall demonstrate compliance by:
 1. Operating the GDF using the management practices in Table 1 to NESHAP Subpart CCCCC (reproduced in Attachment A for convenience); **or**
 2. If, prior to January 10, 2008, the GDF achieves an emissions reduction of 90 percent **or** operates using management practices at least as stringent as those in Table 1 to NESHAP Subpart CCCCC (Attachment A) **and** is in compliance with an enforceable state, local, or tribal rule or permit that contains requirements for the emissions reduction or management practices in Table 1.

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

- E. Pursuant to 40 CFR §63.11118(c), the following emission sources are not required to comply with Condition 5.D of this permit, but are still subject to 40 CFR §63.11116 and §63.11117.
 - 1. Gasoline storage tanks with a capacity of less than 250 gallons that are constructed after January 10, 2008;
 - 2. Gasoline storage tanks with a capacity of less than 2,000 gallons that were constructed before January 10, 2008; and
 - 3. Gasoline storage tanks equipped with floating roofs, or the equivalent.
- F. Pursuant to 40 CFR §63.11118(d), cargo tanks unleaded at the GDF must comply with the management practices in Table 2 to NESHAP Subpart CCCCCC (reproduced in Attachment B for convenience).

¹ 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. The applicable distances shall be measured from the point in the opening of the submerged fill pipe that is the greatest distance from the bottom of the storage tank.

Testing and Monitoring Requirements

- G. Pursuant to 40 CFR §63.11120(a), at the time of installation and every 3 years thereafter, the owner or operator must comply with the requirements detailed in Condition 2 of this permit (Compliance Demonstration).
- H. Pursuant to 40 CFR §63.11120(b), an owner or operator choosing to use a vapor balance system other than that described in Table 1 to NESHAP Subpart CCCCCC (Attachment A) must demonstrate to the Administrator (EPA Region 7) the equivalency of their vapor balance system to that described in Table 1 using the procedures specified below:
 - 1. You must demonstrate initial compliance by conducting an initial performance test on the vapor balance system to demonstrate that the vapor balance system achieves 95% reduction using the CARB Vapor Recovery Test Procedure TP-201.1 (*Volumetric Efficiency for Phase I Vapor Recovery Systems*, adopted April 12, 1996, and amended February 1, 2001, and October 8, 2003); and
 - 2. You must, during the initial performance test required under Condition 2 of this permit, determine and document alternative acceptable values for the leak rate and cracking pressure requirements specified in Item 1(g) of Table 1 (Attachment A) and or the static pressure performance requirement in Item 1(h) of Table 1.

Initial Notifications and Notifications of Compliance Status Requirements

- I. Pursuant to 40 CFR §63.11124(a)(1) and (b)(1), the owner or operator shall submit an Initial Notification by May 9, 2008, or at the time you become subject to the control requirements of 40 CFR §63.11117 (submerged filling, Condition 5.B). If your affected source is subject to the control requirements in 40 CFR §63.11118 only because it loads gasoline into fuel tanks other than those in motor vehicles (as defined in 40 CFR §63.11132), you must submit an Initial Notification by May 24, 2011. The Initial Notification must include the following:
 - 1. The name and address of the owner and operator.
 - 2. The address (i.e., physical location) of the GDF.
 - 3. A statement that the notification is being submitted in response to NESHAP Subpart CCCCCC and identifying the requirements in Condition 5.C, 5.D, and 5.E that apply to you.
- J. Pursuant to 40 CFR §63.11124(a)(2) and (b)(2), the owner or operator shall submit a Notification of Compliance Status, as specified in 40 CFR §63.13, within 60 days of the compliance date specified in Condition 2 of this permit. The Notification of Compliance Status must be signed by a responsible official who must certify its accuracy, must indicate whether the source has complied with the requirements of NESHAP Subpart CCCCCC, and must indicate whether the facility's monthly throughput is calculated based on the volume of gasoline loaded into all storage tanks or on the volume of gasoline dispensed from all storage tanks. If your facility is in compliance with the requirements of NESHAP Subpart CCCCCC at the time the Initial Notification is required, the Notification of Compliance Status may be submitted in lieu of the Initial Notification, provided it contains the information required in Condition 5.I of this permit.
- K. Pursuant to 40 CFR §63.11124(a)(3) and (b)(3), the owner or operator is not required to submit an Initial Notification or a Notification of Compliance Status if, prior to January 10, 2008, you are operating in compliance with an enforceable state, local, or tribal rule or permit that requires submerged filling as specified in 40 CFR §63.11117(b).
- L. If you satisfy the requirements of Condition 5.D(2) of this permit, you are not required to submit an Initial Notification or a Notification of Compliance Status.

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

Recordkeeping Requirements

- M. Pursuant to 40 CFR §63.11125(a), the owner or operator shall keep records of all compliance tests performed under Condition 2 of this permit.
- N. Pursuant to 40 CFR §63.11125(b) and 40 CFR §63.11094(b)(2)(i) through (viii), the owner or operator of a gasoline cargo tank subject to the management practices in Table 2 to NESHAP Subpart CCCCCC (Attachment B) must keep records documenting vapor tightness testing. Documentation must include each of the items specified in 40 CFR §63.11094(b)(2)(i) through (viii). Records of vapor tightness testing must be retained as specified below:
 - 1. The owner or operator must keep all vapor tightness testing records with the cargo tank; or
 - 2. As an alternative to keeping all records with the cargo tank, the owner or operator may keep records of only the most recent vapor tightness test with the cargo tank and keep records for the previous 4 years at their office or another central location. Vapor tightness records kept at a location other than with the cargo tank must be instantly available (e.g., via e-mail or facsimile) to the Linn County Air Pollution Control Officer during the course of a sight visit or within a mutually agreeable time frame. Such records must be an exact duplicate image of the original paper copy record with certifying signatures.
- O. Pursuant to 40 CFR §63.11125(d)(1), the owner or operator shall retain records of the occurrence and duration of each malfunction of operation (i.e., process equipment) or the air pollution control and monitoring equipment.
- P. Pursuant to 40 CFR §63.11125(d)(2), the owner or operator shall retain records of actions taken during periods of malfunction to minimize emissions in accordance with Condition 5.A, including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.
- Q. The owner or operator must make records of gasoline throughput available within 24 hours of a request by the Linn County Air Pollution Control Officer.

Reporting Requirements

- R. Pursuant to 40 CFR §63.11126(a), the owner or operator shall report the results of all volumetric efficiency tests required by Condition 2 of this permit and 40 CFR §63.11120(b) to the Linn County Air Pollution Control Officer within 180 days of the completion of the performance testing.
- S. Pursuant to 40 CFR §63.11126(b), the owner or operator shall report by March 15 of each year the number, duration, and a brief description of each type of malfunction which occurred during the previous calendar year and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with Condition 5.A of this permit, including actions taken to correct a malfunction. No report is necessary for a calendar year in which no malfunctions occurred.

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.

12. Notification, Reporting, and Recordkeeping (Continued)

- (4) Per LCCO Sec. 10-70(d), the owner or operator of any facility required to install a continuous monitoring system or systems shall provide quarterly reports to the Director, no later than thirty (30) calendar days following the end of the calendar quarter, on forms provided by the Director.
- (5) Per LCCO Sec. 10-70(e)(2), a written compliance demonstration report for each compliance testing event, whether successful or not, postmarked not later than six (6) weeks after the completion of the test period unless other regulations provide for other notification requirements. In that case, the more stringent reporting requirement shall be met.
- C. All data, records, reports, documentation, construction plans, and calculations required under this permit shall be available at the plant during normal business hours for inspection and copying by federal, state, or local air pollution regulatory agencies and their authorized representatives, for a minimum of three (3) years from the date of recording unless otherwise required by another applicable law (i.e. NSPS, NESHAP, etc.)
- D. Information regarding this permit including change in ownership and permit correspondence should be sent to the following address:

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

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

ComplianceReporting-Air@linncounty.org

ATTACHMENT A

TABLE 1 TO SUBPART CCCCC OF PART 63

A.1. Applicability Criteria and Management Practices for Gasoline Dispensing Facilities with Monthly throughput of 100,000 Gallons of Gasoline or More

Table 1 to 40 CFR Part 63, Subpart CCCCC (*National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities*) has been reproduced in this attachment for the convenience of the general permit holder, as it appears in 73 Federal Register (FR) 1945, published January 10, 2008, and amended in 73 FR 35944 (June 25, 2008) and 76 FR 4184 (January 24, 2011). Inclusion of this table does not relieve the owner or operator from complying with the regulations of Subpart CCCCC in subsequent amendments.

The management practices specified in this Table are not applicable if you are complying with the requirements in 40 CFR §63.11118(b)(2), except if you are complying with the requirements in 40 CFR §63.11118(b)(2)(i)(B), you must operate using management practices at least as stringent as those listed in this Table.

If you own or operate	Then you must
1. A new, reconstructed, or existing GDF subject to 40 CFR §63.11118	<p>Install and operate a vapor balance system on your gasoline storage tanks that meets the design criteria in paragraphs (a) through (h) [of this table].</p> <p>(a) All vapor connections and lines on the storage tank shall be equipped with closures that seal upon disconnect.</p> <p>(b) The vapor line from the gasoline storage tank to the gasoline cargo tank shall be vapor-tight, as defined in 40 CFR §63.11132.</p> <p>(c) The vapor balance system shall be designed such that the pressure in the tank truck does not exceed 18 inches water pressure or 5.9 inches water vacuum during product transfer.</p> <p>(d) The vapor recovery and product adaptors, and the method of connection with the delivery elbow, shall be designed so as to prevent the over-tightening or loosening of fittings during normal delivery operations.</p> <p>(e) If a gauge well separate from the fill tube is used, it shall be provided with a submerged drop tube that extends the same distance from the bottom of the storage tank as specified in 40 CFR §63.11117(b).</p> <p>(f) Liquid fill connections for all systems shall be equipped with vapor-tight caps.</p> <p>(g) Pressure/vacuum (PV) vent valves shall be installed on the storage tank vent pipes. The pressure specifications for PV vent valves shall be: a positive pressure setting of 2.5 to 6.0 inches of water and a negative pressure setting of 6.0 to 10.0 inches of water. The total leak rate of all PV vent valves at an affected facility, including connections, shall not exceed 0.17 cubic foot per hour at a pressure of 2.0 inches of water and 0.63 cubic foot per hour at a vacuum of 4 inches of water.</p> <p>(h) The vapor balance system shall be capable of meeting the static pressure performance requirements of the following equation:</p> $Pf = 2e^{-500.887/v}$ <p>Where, Pf = Minimum allowable final pressure (inches of water) V = Total ullage affected by the test (gallons) e = Dimensionless constant equal to 2.718 2 = The initial pressure (inches of water)</p>
2. A new or reconstructed GDF, or any storage tank(s) constructed after November 9, 2006, at an existing affected facility subject to 40 CFR §63.11118	Equip your gasoline storage tanks with a dual-point vapor balance system, as defined in 40 CFR §63.11132, and comply with the requirements from Item 1 of this Table.

**ATTACHMENT B
TABLE 2 TO SUBPART CCCCCC OF PART 63**

A.1. Applicability Criteria and Management Practices for Gasoline Cargo Tanks Unloading at Gasoline Dispensing Facilities with Monthly Throughput of 100,000 Gallons of Gasoline or More

Table 2 to 40 CFR Part 63, Subpart CCCCCC (*National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Dispensing Facilities*) has been reproduced in this attachment for the convenience of the general permit holder, as it appears in 73 FR 1945, published January 10, 2008, and amended in 76 FR 4184 (January 24, 2011). Inclusion of this table does not relieve the owner or operator from complying with the regulations of Subpart CCCCCC in subsequent amendments.

If you own or operate	Then you must
A gasoline cargo tank	<p>Not unload gasoline into a storage tank at a GDF subject to the control requirements in this subpart unless the following conditions are met:</p> <ul style="list-style-type: none"> (i) All hoses in the vapor balance system are properly connected, (ii) The adapters or couplers that attach to the vapor line on the storage tank have closures that seal upon disconnect, (iii) All vapor return hoses, couplers, and adapters used in the gasoline delivery are vapor-tight, (iv) All tank truck vapor return equipment is compatible in size and forms a vapor-tight connection with the vapor balanced equipment on the GDF storage tank, and (v) All hatches on the tank truck are closed and securely fastened. (vi) The filling of storage tanks at GDF shall be limited to unloading from vapor-tight gasoline cargo tanks. Documentation that the cargo tank has met the specifications of EPA Method 27 shall be carried with the cargo tank, as specified in 40 CFR §63.11125(c).

END OF PERMIT