

**Iowa Department of Natural Resources
Title V Operating Permit**

**Name of Permitted Facility: Magellan Pipeline Company, L.P.
Sioux City Terminal**

**Facility Location: 4300 41st Street
Sioux City, Iowa 51108**

Air Quality Operating Permit Number: 98-TV-018R3

Expiration Date: October 13, 2021

Permit Renewal Application Deadline: April 13, 2021

EIQ Number: 92-5494

Facility File Number: 97-01-118

Responsible Official

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This permit is issued in accordance with 567 Iowa Administrative Code Chapter 22, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources



Lori Hanson, Supervisor of Operating Permits Section

10/14/16

Date

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Abbreviations

acfm	actual cubic feet per minute
CFR	Code of Federal Regulation
CE	control equipment
CEM	continuous emission monitor
°F	degrees Fahrenheit
EIQ	emissions inventory questionnaire
EP	emission point
EU	emission unit
gr./dscf	grains per dry standard cubic foot
IAC	Iowa Administrative Code
DNR	Iowa Department of Natural Resources
MVAC	motor vehicle air conditioner
NAICS	North American Industry Classification System
NSPS	new source performance standard
ppmv	parts per million by volume
lb./hr	pounds per hour
lb./MMBtu	pounds per million British thermal units
SCC	Source Classification Codes
scfm	standard cubic feet per minute
SIC	Standard Industrial Classification
TPY	tons per year
USEPA	United States Environmental Protection Agency

Pollutants

PM	particulate matter
PM ₁₀	particulate matter ten microns or less in diameter
SO ₂	sulfur dioxide
NO _x	nitrogen oxides
VOC	volatile organic compound
CO	carbon monoxide
HAP	hazardous air pollutant

I. Facility Description and Equipment List

Facility Name: Magellan Pipeline Company, L.P. – Sioux City

Permit Number: 98-TV-018R3

Facility Description: Refined Petroleum Products Terminal (SIC 4613)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	DNR Construction Permit Number
1	1	Truck Loading Rack System	94-A-508-S4
22	22	Tank 658; 840,000 Gallons, Internal Floating Roof, Gasoline	
23	23	Tank 659; 840,000 Gallons, Internal Floating Roof, Gasoline	
24	24	Tank 660; 840,000 Gallons, Internal Floating Roof, Gasoline	
25	25	Tank 661; 840,000 Gallons, Internal Floating Roof, Gasoline	
32	32	Tank 1333; 1,680,000 Gallons, Internal Floating Roof, Gasoline	
33	33	Tank 1334; 1,680,000 Gallons, Internal Floating Roof, Gasoline	
35	35	Tank 1336; 1,680,000 Gallons, Internal Floating Roof, Gasoline	
38	38	810 HP Dual Fuel Engine, Pipe Line Pump	
58	58	Tank 58; 2,500 Gallons, Vertical Fixed Roof, Additives	99-A-160
59	59	Tank 59; 2,115 Gallons, Vertical Fixed Roof, Jet Naphtha (JP-4)	98-A-1137-S1
66	66	Floating Roof Landings	
40	40	Facility-Wide Fugitives (Valves, Pumps, Flanges, & Equipment Leaks)	

Insignificant Equipment List

Insignificant Emission Unit Number	Insignificant Emission Unit Description
2	Tank 103; 84,000 Gallons, Vertical Fixed Roof, Denatured Alcohol
3	Tank 104; 84,000 Gallons, Vertical Fixed Roof, Denatured Alcohol
4	Tank 105; 84,000 Gallons, Vertical Fixed Roof, Pipeline Relief Tank
5	Tank 107; 84,000 Gallons, Vertical Fixed Roof, Denatured Alcohol
6	Tank 108; 84,000 Gallons, Vertical Fixed Roof, Denatured Alcohol
7	Tank 109; 84,000 Gallons, Vertical Fixed Roof, Denatured Alcohol
8	Tank 110; 84,000 Gallons, Vertical Fixed Roof, Distillate

9	Tank 411; 237,529 Gallons, Vertical Fixed Roof, Fuel Oil Set-off
10	Tank 503; 462,000 Gallons, Vertical Fixed Roof, Distillate
11	Tank 504; 462,000 Gallons, Vertical Fixed Roof, Distillate
12	Tank 505; 462,000 Gallons, Vertical Fixed Roof, Distillate
13	Tank 506; 462,000 Gallons, Vertical Fixed Roof, Distillate
14	Tank 514; 462,000 Gallons, Vertical Fixed Roof, Distillate
15	Tank 515; 462,000 Gallons, Vertical Fixed Roof, Distillate
16	Tank 516; 462,000 Gallons, Vertical Fixed Roof, Distillate
17	Tank 517; 462,000 Gallons, Internal floating Roof, Transmix (gasoline /distillate mix) ⁽¹⁾⁽²⁾
18	Tank 518; 462,000 Gallons, Vertical Fixed Roof, Distillate
19	Tank 519; 462,000 Gallons, Vertical Fixed Roof, Distillate
20	Tank 656; 840,000 Gallons, Vertical Fixed Roof, Distillate
21	Tank 657; 840,000 Gallons, Vertical Fixed Roof, Distillate
26	Tank 669; 840,000 Gallons, Vertical Fixed Roof, Distillate
27	Tank 752; 1,260,000 Gallons, Vertical Fixed Roof, Distillate
28	Tank 753; 1,260,000 Gallons, Vertical Fixed Roof, Distillate
29	Tank 757; 1,260,000 Gallons, Vertical Fixed Roof, Distillate
30	Tank 1331; 1,680,000 Gallons, Vertical Fixed Roof, Distillate
31	Tank 1332; 1,680,000 Gallons, Vertical Fixed Roof, Distillate
34	Tank 1335; 1,680,000 Gallons, Vertical Fixed Roof, Distillate
41	Separator System/Sump
42	Tank 130; 6,000 Gallon Bulk Additive Storage Tank, Horizontal
43	Tank 21h; 1,000 Gallon Bulk Additive Storage Tank
44	Tank 133; 564 Gallon Bulk Additive Storage Tank, Horizontal
45	Tank 021; 1,000 Gallon Bulk Additive Storage Tank Vertical & 1,000 Gallon Horizontal in series
46	Tank 020; 1,000 Gallon Bulk Additive Storage Tank, Vertical
47	Tank 170; 1,000 Gallon Bulk Additive Storage Tank, Vertical
49	Tank 010; 2,000 Gallon bulk Additive Storage Tank, Horizontal
50	Tank 132; 3,000 Gallon bulk Additive Storage Tank, Horizontal
51	Tank 110; 2,000 Gallon Bulk Additive Storage Tank, Horizontal
52	564 Gallon Lawn Care Equipment Gasoline Storage Tank, Vertical Fixed Roof
53	564 Gallon Fuel Oil Storage Tank, Vertical Fixed Roof
55	Parts Washer
56a	Facility Heating Office Furnace 205,000 Btu/hr
56b	Facility Heating Warehouse Furnace 102,000 Btu/hr
56c	Facility Heating Shop Boiler Furnace 282,000 Btu/hr
56d	Facility Heating Station Boiler Furnace 650,000 Btu/hr
62	Tank 135; 100 Gallon Bulk Additive Storage Tank, Vertical
64	Tank 106; 84,000 Gallon Petroleum Contact Water Tank, Vertical Fixed Roof
65	Tank 160; 4,000 Gallon Bulk Additive Tank, Horizontal
67	Butane unloading
68	Ethanol unloading

⁽¹⁾ MPC installed an internal floating roof in Tank 517 (EU-17) to comply with the GACT requirements of 40 CFR 63 Subpart BBBBBB, but due to a change in the definition of Gasoline in the rule, material stored does not meet the definition of gasoline, and the potential emissions are below significant threshold.

⁽²⁾ These tanks are not used to store gasoline at this time. If they are used to store gasoline, they will be subject to NESHAP - 40 CFR 63 subpart BBBBBB and become significant emission units.

II. Plant-Wide Conditions

Facility Name: Magellan Pipeline Company, L.P. – Sioux City
Permit Number: 98-TV-018R3

Permit conditions are established in accord with 567 Iowa Administrative Code rule 22.108

Permit Duration

The term of this permit is: Five (5) years
Commencing on: October 14, 2016
Ending on: October 13, 2021

Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code rules 22.110 - 22.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 22.115.

Emission Limits

Unless specified otherwise in the Source Specific Conditions, the following limitations and supporting regulations apply to all emission points at this plant:

Opacity (visible emissions): 40% opacity
Authority for Requirement: 567 IAC 23.3(2)"d"

Sulfur Dioxide (SO₂): 500 parts per million by volume
Authority for Requirement: 567 IAC 23.3(3)"e"

Particulate Matter:

No person shall cause or allow the emission of particulate matter from any source in excess of the emission standards specified in this chapter, except as provided in 567 – Chapter 24. For sources constructed, modified or reconstructed after July 21, 1999, the emission of particulate matter from any process shall not exceed an emission standard of 0.1 grain per dry standard cubic foot of exhaust gas, except as provided in 567 – 21.2(455B), 23.1(455B), 23.4(455B) and 567 – Chapter 24.

For sources constructed, modified or reconstructed prior to July 21, 1999, the emission of particulate matter from any process shall not exceed the amount determined from Table I, or amount specified in a permit if based on an emission standard of 0.1 grain per standard cubic foot of exhaust gas or established from standards provided in 23.1(455B) and 23.4(455B).

Authority for Requirement: 567 IAC 23.3(2)"a"

Fugitive Dust: Attainment and Unclassified Areas - A person shall take reasonable precautions to prevent particulate matter from becoming airborne in quantities sufficient to cause a nuisance as defined in Iowa Code section 657.1 when the person allows, causes or permits any materials to be handled, transported or stored or a building, its appurtenances or a construction haul road to be used, constructed, altered, repaired or demolished, with the exception of farming operations or dust

generated by ordinary travel on unpaved roads. Ordinary travel includes routine traffic and road maintenance activities such as scarifying, compacting, transporting road maintenance surfacing material, and scraping of the unpaved public road surface. (the preceding sentence is State Only) All persons, with the above exceptions, shall take reasonable precautions to prevent the discharge of visible emissions of fugitive dusts beyond the lot line of the property on which the emissions originate. The public highway authority shall be responsible for taking corrective action in those cases where said authority has received complaints of or has actual knowledge of dust conditions which require abatement pursuant to this subrule. Reasonable precautions may include, but not be limited to, the following procedures.

1. Use, where practical, of water or chemicals for control of dusts in the demolition of existing buildings or structures, construction operations, the grading of roads or the clearing of land.
2. Application of suitable materials, such as but not limited to asphalt, oil, water or chemicals on unpaved roads, material stockpiles, race tracks and other surfaces which can give rise to airborne dusts.
3. Installation and use of containment or control equipment, to enclose or otherwise limit the emissions resulting from the handling and transfer of dusty materials, such as but not limited to grain, fertilizer or limestone.
4. Covering, at all times when in motion, open-bodied vehicles transporting materials likely to give rise to airborne dusts.
5. Prompt removal of earth or other material from paved streets or to which earth or other material has been transported by trucking or earth-moving equipment, erosion by water or other means.
6. Reducing the speed of vehicles traveling over on-property surfaces as necessary to minimize the generation of airborne dusts.

Authority for Requirement: 567 IAC 23.3(2)"c"

NSPS/ NESHAP Applicability

40 CFR 60 Subpart XX:

This facility meets the definition of being a bulk gasoline terminal as presented in 40 CFR§60.501 and is subject to the requirements of 40 CFR 60 Subpart XX (New Source Performance Standard for Bulk Gasoline Terminal, 40 CFR §60.501-§60.506) as well the requirements of 40 CFR 60 Subpart A (New Source Performance Standards General Provisions 40 CFR §60.1-§60.19). This facility is responsible for complying with all current applicable requirements of these subparts.

Authority for Requirement: 567 IAC 23.1(4)"pp"
40 CFR Part 60, Subpart XX

40 CFR 63 Subpart ZZZZ:

EP/EU-38 810 HP Dual Fuel Engine, Pipe Line Pump is a non-emergency engine and is subject to 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR 63.6590(a)(1)(iii) this non-emergency engine, located at an area source, is an existing stationary RICE as it was constructed prior to June 12, 2006.

Authority for Requirement: 567 IAC 23.1(4)"cz"
40 CFR Part 63 Subpart ZZZZ

40 CFR 63 Subpart BBBBBB:

This facility meets the definition of a bulk gasoline terminal as presented in 40 CFR §63.11081, and is subject to the requirements of 40 CFR Subpart BBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities, 40 CFR §63.11080-§63.11100). Additionally, this facility is subject to the requirements of 40 CFR 60 Subpart A (New Source Performance Standards General Provisions 40 CFR §60.1-§60.19). This facility is responsible for complying with all current applicable requirements of these subparts.

Authority for Requirement: 567 IAC 23.1(4)"eb"
40 CFR Part 63, Subpart BBBB

III. Emission Point-Specific Conditions

Facility Name: Magellan Pipeline Company, L.P. – Sioux City
Permit Number: 98-TV-018R3

Emission Point ID Number: EP-1

Associated Equipment

Associated Emission Unit ID Number: EU-1
Emissions Control Equipment ID Number: CE-1
Emissions Control Equipment Description: Vapor Combustion Unit

Emission Unit vented through this Emission Point: EU-1
Emission Unit Description: Truck Loading Rack system
Raw Material/Fuel: Gasoline & Distillates
Rated Capacity: 72,000 Gallons/hour

Applicable Requirements

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity

Emission Limits: 0%⁽¹⁾

Authority for Requirement: Iowa DNR Construction Permit 94-A-508-S4
567 IAC 23.1(2)"pp" & 567 IAC 23.1(4)"eb"
40 CFR Part 60 Subpart XX & 40 CFR Part 63, Subpart BBBBBB

⁽¹⁾ The Vapor Combustor Unit (CE-1) shall be designed for and operated with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.

Pollutant: Particulate Matter (PM)

Emission Limits: 0.1 gr/dscf

Authority for Requirement: Iowa DNR Construction Permit 94-A-508-S4
567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO₂)

Emission Limits: 500 ppmv

Authority for Requirement: Iowa DNR Construction Permit 94-A-508-S4
567 IAC 23.3(3)"e"

Pollutant: Volatile Organic Compounds (VOC)

Emission Limits: 35 mg/L

Authority for Requirement: Iowa DNR Construction Permit 94-A-508-S4
567 IAC 23.1(2)"pp"
40 CFR 60 Subpart XX

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:

- A. The liquid phase Single HAP composition of the gasoline loaded into trucks shall not exceed 14 percent by weight.
- B. The liquid phase Total HAP composition of the gasoline loaded into trucks shall not exceed 37 percent by weight.
 - i. The owner or operator shall conduct sampling of all the gasoline grades loaded at the Truck Loading System (EU-1) to determine the liquid phase Single HAP and Total HAP content, in weight percent, for the following compounds, at a minimum:
 - 1. Toluene, xylenes, hexane, benzene, and ethyl benzene.
 - ii. The owner or operator shall conduct liquid phase HAP sampling of all the gasoline grades loaded at the Truck Loading System (EU-1) for at least two calendar years after the date of issuance of this permit.
 - iii. The owner or operator shall retain sampling results on-site to demonstrate compliance with the Single HAP and Total HAP limits specified in Permit Conditions A. and B., respectively.
- C. The owner or operator is allowed to use the Truck Loading System (EU-1) to load gasoline, distillate fuels, and denatured ethanol into trucks previously containing any of these materials.
- D. The owner or operator shall retain Safety Data Sheets of all materials handled at the Truck Loading System (EU-1).
- E. The owner or operator shall comply with the applicable requirements in 40 CFR Part 60, Subpart XX [§60.500 - §60.505], including those not specifically mentioned in this permit.
 - i. The owner or operator shall comply with the requirements in 40 CFR §60.502, including, but not limited to the following:
 - 1. Loading of liquid products into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the procedures in 40 CFR §60.502(e).
 - 2. The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.
 - 3. The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected emission unit.
 - 4. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 450 mm of water during product loading.
 - 5. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure of less than 450 mm of water.
 - 6. Each calendar month, the vapor collection system, the vapor processing system,

and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid vapor leaks. Detection methods incorporating sight, sound, or smell are acceptable.

(a) Each detection leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

- ii. The owner or operator shall comply with the applicable reporting and recordkeeping requirements described in 40 CFR §60.505.
- F. The owner or operator shall comply with the applicable requirements in 40 CFR Part 60, Subpart BBBBBB [§60.11080 - §60.11100], including those not specifically mentioned in this permit.
- i. Per 40 CFR §63.11085(a), the owner or operator shall, at all times, operate and maintain any affected source, including associated air pollution control equipment 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 the Department, 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.
 - ii. Per 40 CFR §63.11088(a), the owner or operator shall meet each applicable emission limit and management practice in Table 2 to Subpart BBBBBB.
 - iii. Per 40 CFR §63.11089, the owner or operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in §63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
 - 1. The owner or operator shall maintain a log book indicating each detection of a liquid or vapor leak.
 - 2. When a leak is detected, the owner or operator shall make an initial attempt at repair it as soon as practicable, but no later than 5 calendar days after the leak is detected.
 - 3. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak.
 - 4. Delay of repair of leaking equipment shall be allowed if the repair is not feasible within 15 days.
 - iv. The owner or operator shall comply with the applicable notification, recordkeeping, and reporting requirements described in 40 CFR §63.11093, §63.11094, and §63.11095, respectively.
- G. Per 40 CFR §60.18(b) through (f) and 40 CFR §63.11(b) and in accordance with §60.503(e) and §63.11092(a)(4), the owner or operator shall:
- i. Monitor the vapor combustion unit (CE-1) to assure that it is operated and maintained in conformance with its design;
 - ii. Install a steam-assisted, air-assisted, or non-assisted vapor combustion unit;
 - iii. Operate the vapor combustion unit (CE-1) at all times when emissions may vented to it;
 - iv. Operate the vapor combustion unit (CE-1) with no visible emissions, except for periods not to exceed a total of 5 minutes during any 2 consecutive hours.
 - v. Operate the vapor combustion unit (CE-1) with a flame present at all times. The presence of a flare pilot flame shall be monitored using a thermocouple or any other equivalent device to detect the presence of the flame.
- H. The owner or operator shall inspect and maintain the control equipment according to the facility's (Plant No. 97-01-118) operation and maintenance plan.
- i. The owner or operator shall keep a log of all maintenance and inspection activities performed on the control equipment. This log shall include, but shall not limited to:

- 1.The date that any inspection and/or maintenance was performed on the control equipment;
- 2.Any issues identified during the inspection;
- 3.Any issues addressed during the maintenance activities; and
- 4.Identification of the staff member performing the maintenance or inspection.

NSPS Requirements:

The Truck Loading Rack (EU-1) is subject to the New Source Performance Standard (NSPS) for Bulk Gasoline Terminals (40 CFR 60 Subpart XX). The permittee shall comply with all applicable requirements from subpart XX.

Authority for Requirements: 567 IAC 23.1(2)"pp"
40 CFR 60 Subpart XX

NESHAP Requirements:

The Truck Loading Rack (EU-1) is subject to the requirements of 40 CFR Subpart BBBBBB (National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants and Pipeline Facilities, 40 CFR §63.11080-§63.11100). The permittee shall comply with all applicable requirements from subpart XX.

Authority for Requirement: 567 IAC 23.1(4)"eb"
40 CFR Part 63, Subpart BBBBBB

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height (ft, from the ground): 45

Stack Opening, (inches, dia.): 96

Exhaust Flow Rate (scfm): 38,000

Exhaust Temperature (°F): 200° to 1800°

Discharge Style: Vertical Unobstructed

Authority for Requirements: Iowa DNR Construction Permit 94-A-508-S4

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Department recognizes that the temperature and flow rate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point characteristics above are different than the values stated, the owner or operator shall submit a request either by electronic mail or written correspondence to the Department within thirty (30) days of the discovery to determine if a permit amendment is required, or submit a permit application requesting to amend the permit.

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Stack Testing:

Pollutant - VOC

Stack Test to be completed within 2 years of permit date

Test Method – 40 CFR 60.503(c)

Authority for Requirement: 567 IAC 22.108(3)

567 IAC 23.1(2)"pp"

40 CFR 60 Subpart XX

The owner of this equipment or the owner’s authorized agent shall provide written notice to the Director, not less than 30 days before a required stack test or performance evaluation of a continuous emission monitor. Results of the test shall be submitted in writing to the Director in the form of a comprehensive report within 6 weeks of the completion of the testing. 567 IAC 25.1(7)

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Emission Point ID Number: See Table B – Storage Tanks

Associated Equipment:

Table B

Emission Point Number	Emission Unit Number	Emission Unit Description (Internal Floating Roof Tanks)	Raw Material	Rated Capacity (gal/hr)
EP-22	EU-22	IFR Tank 658; 840,000 Gallons	Gasoline	9,973
EP-23	EU-23	IFR Tank 659; 840,000 Gallons	Gasoline	9,973
EP-24	EU-24	IFR Tank 660; 840,000 Gallons	Gasoline	9,973
EP-25	EU-25	IFR Tank 661; 840,000 Gallons	Gasoline	9,973
EP-32	EU-32	IFR Tank 1333; 1,680,000 Gallons	Gasoline	19,945
EP-33	EU-33	IFR Tank 1334; 1,680,000 Gallons	Gasoline	19,945
EP-35	EU-35	IFR Tank 1336; 1,680,000 Gallons	Gasoline	19,945

Applicable Requirements

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from the emission points identified in Table B shall not exceed the levels specified below.

NESHAP Subpart BBBBBB Requirements

1. The owner/operator of this equipment shall comply with the operational limits and requirements listed below when in gasoline service.

Table 1 to Subpart BBBBBB of Part 63—Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks

If you own or operate . . .	Then you must . . .
2. A gasoline storage tank with a capacity of greater than or equal to 75 m ³ and not meeting any of the criteria specified in item 1 of this Table	(b) Equip each internal floating roof gasoline storage tank according to the requirements in §60.112b(a)(1) of this chapter, except for the secondary seal requirements under §60.112b(a)(1)(ii)(B) and the requirements in §60.112b(a)(1)(iv) through (ix) of this chapter; or
	(d) Equip and operate each internal and external floating roof gasoline storage tank according to the applicable requirements in §63.1063(a)(1) and (b), except for the secondary seal requirements under §63.1063(a)(1)(i)(C) and (D), and equip each external floating roof gasoline storage tank according to the requirements of §63.1063(a)(2) if such storage tank does not currently meet the requirements of §63.1063(a)(1).

2. The owner or operator shall meet the applicable recordkeeping and reporting standards of 40 CFR §63.11094 and 40 CFR §63.11095.

3. The owner or operator shall meet the applicable testing and monitoring requirements in accordance with and 40 CFR §63.11092(e).
4. The owner or operator shall meet the applicable notification requirements in accordance with and 40 CFR §63.11093.

Authority for Requirement: 40 CFR Part 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

The Internal Floating Roof Tanks (EU-22, EU-23, EU-24, EU-25, EU-32, EU-33, and EU-35) are subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAPs) for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities (40 CFR 63 Subpart BBBBBB). The permittee shall comply with all applicable requirements from Subpart BBBBBB. Below is a partial summary of the NESHAP requirements.

§63.11087

- a) You must meet each emission limit and management practice in Table 1 to this subpart that applies to your gasoline storage tank.
- b) You must comply with the requirements of this subpart by the applicable dates specified in §63.11083, except that storage vessels equipped with floating roofs and not meeting the requirements of paragraph (a) of this section must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.
- c) You must comply with the applicable testing and monitoring requirements specified in §63.11092(e).
- d) You must submit the applicable notifications as required under §63.11093.
- e) You must keep records and submit reports as specified in §§63.11094 and 63.11095.
- f) If your gasoline storage tank is subject to, and complies with, the control requirements of 40 CFR part 60, subpart Kb of this chapter, your storage tank will be deemed in compliance with this section. You must report this determination in the Notification of Compliance Status report under §63.11093(b).

§63.11089

- (a) Each owner or operator of a bulk gasoline terminal, bulk plant, pipeline breakout station, or pipeline pumping station subject to the provisions of this subpart shall perform a monthly leak inspection of all equipment in gasoline service, as defined in §63.11100. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

...

- (e) You must comply with the requirements of this subpart by the applicable dates specified in §63.11083.

- (f) You must submit the applicable notifications as required under §63.11093.

- (g) You must keep records and submit reports as specified in §§63.11094 and 63.11095.

Authority for Requirement: 567 IAC 23.1(4)"eb"
40 CFR Part 63, Subpart BBBBBB

Reporting & Record keeping:

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 DNR. Records shall be legible and maintained in an orderly manner.

§63.11094

...

- (a) Each owner or operator of a bulk gasoline terminal or pipeline breakout station whose storage vessels are subject to the provisions of this subpart shall keep records as specified in §60.115b of this chapter if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to this subpart, except records shall be kept for at least 5 years. If you are complying with the requirements of option 2(d) in Table 1 to this subpart, you shall keep records as specified in §63.1065.
- (b) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in paragraphs (b)(1) through (3) of this section.

Authority for Requirement: 567 IAC 23.1(4)"eb"
40 CFR Part 63, Subpart BBBBBB

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

§63.11092

...

- (e) Each owner or operator subject to the emission standard in §63.11087 for gasoline storage tanks shall comply with the requirements in paragraphs (e)(1) through (3) of this section.
 - (1) If your gasoline storage tank is equipped with an internal floating roof, you must perform inspections of the floating roof system according to the requirements of §60.113b(a) if you are complying with option 2(b) in Table 1 to this subpart, or according to the requirements of §63.1063(c)(1) if you are complying with option 2(d) in Table 1 to this subpart.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-38

Associated Equipment

Associated Emission Unit ID Number: EU-38
Emissions Control Equipment ID Number: CE-38
Emissions Control Equipment Description: Oxidation Catalyst System

Emission Unit vented through this Emission Point: EU-38
Emission Unit Description: Pipe Line Pump #2
Raw Material/Fuel: 95% Natural Gas, 5% Distillate
Rated Capacity: 810 hp (7.056 MMBtu/hr)

Applicable Requirements

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limits: 40%
Authority for Requirement: 567 IAC 23.3(2)"d"

Pollutant: Particulate Matter
Emission Limits: 0.1 gr/dscf
Authority for Requirement: 567 IAC 23.3(2)"a"

Pollutant: Sulfur Dioxide (SO₂)
Emission Limit (when burning natural gas): 500 ppmv
Authority for Requirement: 567 IAC 23.3(3)"e"

Pollutant: Sulfur Dioxide (SO₂)
Emission Limit (when burning diesel fuel): 2.5 lb/MMBtu
Authority for Requirement: 567 IAC 23.3(3)"b"

Operational Limits & Requirements

The owner/operator of the equipment identified in Table 1 shall comply with the operational limits and requirements listed below.

Process throughput:
The sulfur content of the diesel fuel combusted in each emission unit shall not exceed 0.5 percent by weight.
Authority for Requirement: 567 IAC 23.3(3)"b"(1)

Reporting & Record keeping:

Records shall be maintained on site for five (5) years and be available for inspection upon request by representatives of the Department of Natural Resources. These records shall indicate the following:

The sulfur content of the diesel fuel used, recorded as a weight percent. This value shall be recorded each time diesel fuel is delivered to the plant. Documentation of the sulfur content may be vendor supplied or facility generated.

Authority for Requirement: 567 IAC 22.108(3)

NESHAP:

The non-emergency engine is subject to 40 CFR 63 Subpart ZZZZ - National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines (RICE). According to 40 CFR 63.6590(a)(1)(iii) this non-emergency compression ignition engine, located at an area source, is an existing stationary RICE as it was constructed prior to June 12, 2006.

Compliance Date⁽¹⁾:

According to 40 CFR 63.6595(a)(1), you must comply with the applicable provisions of Subpart ZZZZ no later than May 3, 2013.

Emission Standards⁽²⁾:

According to 40 CFR 63.6603(a) and Table 2d, you must comply with the following emission standards:

1. Limit concentration of CO to 23 ppmvd or less at 15 percent O₂; or
2. Reduce CO emissions by 70 percent or more.

Operating Limits⁽²⁾:

According to 40 CFR 63.6603(a) and Table 2b, you must comply with the following operating limits for the oxidation catalyst system:

1. Maintain your catalyst so that the pressure drop across the catalyst does not change by more than 2 inches of water from the pressure drop across the catalyst that was measured during the initial performance test; and
2. Maintain the temperature of the engine exhaust so that the catalyst inlet temperature is greater than or equal to 450 °F and less than or equal to 1350 °F.

Fuel Requirements:

You must use diesel fuel that meets the requirements in 40 CFR 80.510(b) for nonroad diesel fuel. Those requirements include a maximum sulfur content of 15 ppm (0.0015%) by weight and a minimum cetane index of 40 or a maximum aromatic content of 35 percent by volume. 40 CFR 63.6604(a).

Testing and Compliance Requirements:

1. According to 40 CFR 63.6612(a), you must conduct the initial performance tests or other applicable initial compliance demonstrations in Tables 4 and 5 to subpart ZZZZ no later than 180 days after the compliance date (or October 30, 2013).
2. You must demonstrate initial compliance with applicable emission limitations, operating limitations, and other requirements in pursuant to 40 CFR 63.6630(a), (b), and (c).
3. According to 40 CFR 63.6615 and Table 3 to subpart ZZZZ, you must conduct subsequent performance tests every 8,760 hours or 3 years, whichever comes first.

4. You must conduct the performance testing in accordance with 40 CFR 63.6620 to demonstrate compliance with applicable emission standards. You are required to notify the DNR 60 days prior to the test date and are required to submit a stack test report to the DNR within 60 days after the completion of the testing.
5. If you are required to install a continuous parameter monitoring system (CPMS) as specified in Table 5 of subpart ZZZZ, you must install, operate, and maintain the CPMS according to the requirements in 40 CFR 63.6625(b).
6. If your engine is not equipped with a closed crankcase ventilation system, you must comply with requirements in 40 CFR 63.6625(g) for operating and maintaining the engine's crankcase ventilation system⁽²⁾.
7. According to 40 CFR 63.6625(h) and Table 2d, you must minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes, after which time the non-startup emission standards apply.
8. You must demonstrate continuous compliance with applicable emission limitations, operating limitations, and other requirements in pursuant to 40 CFR 63.6605, 6635, and 6640(a), (b), and (e).

Notification, Reporting, and Recordkeeping Requirements

1. You must comply with the applicable notification requirements in pursuant to 40 CFR 63.6645(a), (g), (h), and (i).
2. You must comply with the applicable reporting requirements in pursuant to 40 CFR 63.6650(a) to (f).
3. You must comply with the applicable recordkeeping requirements in pursuant to 40 CFR 63.6655(a), (b), and (d), and 40 CFR 63.6660, including keeping records for at least 5 years.

⁽¹⁾ In accordance with 40 CFR 63.6603(e), if your engine is certified to the Tier 3 (Tier 2 for engines > 560 kW) emission standards in Table 1 of 40 CFR 89.112, you may comply with the requirements under Part 63 by meeting the requirements for Tier 3 engines (Tier 2 for engines > 560 kW) in 40 CFR Part 60 Subpart IIII.

⁽²⁾ See 40 CFR 63.6603(d) for alternative standards for certain certified Tier 1 and Tier 2 engines that are required to be replaced no later than June 1, 2018. However, you must submit a notification by March 3, 2013 in accordance with 40 CFR 63.6645(i).

Authority for Requirement: 40 CFR Part 63 Subpart ZZZZ
567 IAC 23.1(4)"cz"

Monitoring Requirements

The owner/operator of the equipment identified in Table 1 shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-58

Associated Equipment

Associated Emission Unit ID Number: EU-58

Applicable Requirements

Emission Unit vented through this Emission Point: EU-58
Emission Unit Description: Tank 58, Vertical Fixed Roof
Raw Material/Fuel: Fuel Additives
Rated Capacity: 2,500 Gallons

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Pollutant: Opacity⁽¹⁾
Emission Limits: 40%
Authority for Requirement: Iowa DNR Construction Permit 99-A-160
567 IAC 23.3(2)"d"

⁽¹⁾If visible emissions are observed other than start-up, shut-down, or malfunction, a stack test may be required to demonstrate compliance with the particulate standard.

Equipment Point Characteristics

This emission point shall conform to the specifications listed below:

Stack Opening, (ft, dia): 6
Shell Length, (ft): 12
Volume, (gal): 2,500
Discharge Style: Unobstructed
Authority for Requirement: Iowa DNR Construction Permit 99-A-160

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-59

Associated Equipment

Associated Emission Unit ID Number: EU-59

Applicable Requirements

Emission Unit vented through this Emission Point: EU-59
Emission Unit Description: Additive Tank 59, Vertical Fixed Roof
Raw Material/Fuel: Jet Naphtha (JP-4)
Rated Capacity: 2,115 Gallons

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

No applicable emission limits at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Operating Limits:

This tank is limited to the storage and dispensing of fuel additives of less than or equal volatility to Jet Naphtha (JP-4) (1.6 psi at 70°F).

Authority for Requirement: Iowa DNR Construction Permit 98-A-1137-S1

Reporting & Record keeping:

The permittee shall retain records of the volatility of all fuel additives stored in and dispensed from this tank for a period of at least five (5) years.

Authority for Requirement: 567 IAC 22.108(3)

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-66

Associated Equipment

Associated Emission Unit ID Numbers: EU-66 (IFR Tanks 658, 659, 660, 661, 1333, 1334, 1336)

Emission Unit vented through this Emission Point: EU-66
Emission Unit Description: Floating Roof Tank Landings
Raw Material/Fuel: Gasoline
Rated Capacity: 1 Roof Landing per Year (each IFR)

Applicable Requirements

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from this emission point shall not exceed the levels specified below.

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Reports and Recordkeeping:

The owner or operator shall keep copies of the following records on site for at least five years. These records shall be available for inspection by the Department.

- 1. The owner or operator shall meet the applicable recordkeeping and reporting standards of 40 CFR Part 63 Subpart BBBB as defined for the respected tank.

Authority for Requirement: 567 IAC 22.108

NESHAP Subpart BBBB Requirements

- 1. The owner or operator shall meet the applicable requirements of 40 CFR Part 63 Subpart BBBB as defined for the respected tank.

Authority for Requirement: 567 IAC 22.108

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

Emission Point ID Number: EP-40

Associated Equipment

Associated Emission Unit ID Numbers: EU-40

Emission Unit vented through this Emission Point: EU-40

Emission Unit Description: Facility-Wide Fugitives (Valves, Pumps, Flanges, & Equipment Leaks)

Raw Material/Fuel: Gasoline and Distillate

Rated Capacity: Varies

Applicable Requirements

Emission Limits (lb/hr, gr/dscf, lb/MMBtu, % opacity, etc.)

The emissions from the emission points identified in Table 3 shall not exceed the levels specified below.

Not applicable at this time.

Operational Limits & Requirements

The owner/operator of this equipment shall comply with the operational limits and requirements listed below.

Reports and Recordkeeping:

The owner or operator shall keep copies of the following records on site for at least five years. These records shall be available for inspection by the Department.

1. The owner or operator shall meet the applicable recordkeeping and reporting standards of §63.11094(e), §63.11095(a)(3), and §63.11095(b)(5).

Authority for Requirement: 40 CFR Part 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"

NESHAP Subpart BBBBBB Requirements

1. Equipment at the facility "in gasoline service" is subject to applicable requirements for equipment leak inspections in accordance with 40 CFR Part 63.11089.
2. The owner or operator shall meet the applicable notification requirements in accordance with and 40 CFR 63.11093. The owner or operator shall meet the applicable notification requirements in accordance with and 40 CFR 63.11093.

Authority for Requirement: 40 CFR Part 63 Subpart BBBBBB; 567 IAC 23.1(4)"eb"

Monitoring Requirements

The owner/operator of this equipment shall comply with the monitoring requirements listed below.

Agency Approved Operation & Maintenance Plan Required? Yes No

Facility Maintained Operation & Maintenance Plan Required? Yes No

Compliance Assurance Monitoring (CAM) Plan Required? Yes No

Authority for Requirement: 567 IAC 22.108(3)

IV. General Conditions

This permit is issued under the authority of the Iowa Code subsection 455B.133(8) and in accordance with 567 Iowa Administrative Code chapter 22.

G1. Duty to Comply

1. The permittee must comply with all conditions of the Title V permit. Any permit noncompliance constitutes a violation of the Act and is grounds for enforcement action; for a permit termination, revocation and reissuance, or modification; or for denial of a permit renewal application. *567 IAC 22.108(9)"a"*
2. Any compliance schedule shall be supplemental to, and shall not sanction noncompliance with, the applicable requirements on which it is based. *567 IAC 22.105 (2)"h"(3)*
3. Where an applicable requirement of the Act is more stringent than an applicable requirement of regulations promulgated under Title IV of the Act, both provisions shall be enforceable by the administrator and are incorporated into this permit. *567 IAC 22.108 (1)"b"*
4. Unless specified as either "state enforceable only" or "local program enforceable only", all terms and conditions in the permit, including provisions to limit a source's potential to emit, are enforceable by the administrator and citizens under the Act. *567 IAC 22.108 (14)*
5. It shall not be a defense for a permittee, in an enforcement action, that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of the permit. *567 IAC 22.108 (9)"b"*
6. For applicable requirements with which the permittee is in compliance, the permittee shall continue to comply with such requirements. For applicable requirements that will become effective during the permit term, the permittee shall meet such requirements on a timely basis. *567 IAC 22.108(15)"c"*

G2. Permit Expiration

1. Except as provided in rule 567—22.104(455B), permit expiration terminates a source's right to operate unless a timely and complete application for renewal has been submitted in accordance with rule 567—22.105(455B). *567 IAC 22.116(2)*
2. To be considered timely, the owner, operator, or designated representative (where applicable) of each source required to obtain a Title V permit shall submit on forms or electronic format specified by the Department to the Air Quality Bureau, Iowa Department of Natural Resources, Air Quality Bureau, 7900 Hickman Rd, Suite #1, Windsor Heights, Iowa 50324, two copies (three if your facility is located in Linn or Polk county) of a complete permit application, at least 6 months but not more than 18 months prior to the date of permit expiration. An additional copy must also be sent to U.S. EPA Region VII, Attention: Chief of Air Permits, 11201 Renner Blvd., Lenexa, KS 66219. Additional copies to local programs or EPA are not required for application materials submitted through the electronic format specified by the Department. The application must include all emission points, emission units, air pollution control equipment, and monitoring devices at the facility. All emissions generating activities, including fugitive emissions, must be included. The definition of a complete application is as indicated in *567 IAC 22.105(2)*. *567 IAC 22.105*

G3. Certification Requirement for Title V Related Documents

Any application, report, compliance certification or other document submitted pursuant to this permit shall contain certification by a responsible official of truth, accuracy, and completeness. All certifications shall state that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. *567 IAC 22.107 (4)*

G4. Annual Compliance Certification

By March 31 of each year, the permittee shall submit compliance certifications for the previous calendar year. The certifications shall include descriptions of means to monitor the compliance

status of all emissions sources including emissions limitations, standards, and work practices in accordance with applicable requirements. The certification for a source shall include the identification of each term or condition of the permit that is the basis of the certification; the compliance status; whether compliance was continuous or intermittent; the method(s) used for determining the compliance status of the source, currently and over the reporting period consistent with all applicable department rules. For sources determined not to be in compliance at the time of compliance certification, a compliance schedule shall be submitted which provides for periodic progress reports, dates for achieving activities, milestones, and an explanation of why any dates were missed and preventive or corrective measures. The compliance certification shall be submitted to the administrator, director, and the appropriate DNR Field office. *567 IAC 22.108 (15)"e"*

G5. Semi-Annual Monitoring Report

By March 31 and September 30 of each year, the permittee shall submit a report of any monitoring required under this permit for the 6 month periods of July 1 to December 31 and January 1 to June 30, respectively. All instances of deviations from permit requirements must be clearly identified in these reports, and the report must be signed by a responsible official, consistent with 567 IAC 22.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate DNR Field office. *567 IAC 22.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 22.106 to pay an annual fee based on the total tons of actual emissions of each regulated air pollutant. Beginning July 1, 1996, Title V operating permit fees will be paid on July 1 of each year. The fee shall be based on emissions for the previous calendar year.

2. The fee amount shall be calculated based on the first 4,000 tons of each regulated air pollutant emitted each year. The fee to be charged per ton of pollutant will be available from the department by June 1 of each year. The Responsible Official will be advised of any change in the annual fee per ton of pollutant.

3. The following forms shall be submitted annually by March 31 documenting actual emissions for the previous calendar year.

- a. Form 1.0 "Facility Identification";
- b. Form 4.0 "Emissions unit-actual operations and emissions" for each emission unit;
- c. Form 5.0 "Title V annual emissions summary/fee"; and
- d. Part 3 "Application certification."

4. The fee shall be submitted annually by July 1. The fee shall be submitted with the following forms:

- a. Form 1.0 "Facility Identification";
- b. Form 5.0 "Title V annual emissions summary/fee";
- c. Part 3 "Application certification."

5. If there are any changes to the emission calculation form, the department shall make revised forms available to the public by January 1. If revised forms are not available by January 1, forms from the previous year may be used and the year of emissions documented changed. The department shall calculate the total statewide Title V emissions for the prior calendar year and make this information available to the public no later than April 30 of each year.

6. Phase I acid rain affected units under section 404 of the Act shall not be required to pay a fee for emissions which occur during the years 1993 through 1999 inclusive.

7. The fee for a portable emissions unit or stationary source which operates both in Iowa and out of state shall be calculated only for emissions from the source while operating in Iowa.

8. Failure to pay the appropriate Title V fee represents cause for revocation of the Title V permit as indicated in 567 IAC 22.115(1)"d".

G7. Inspection of Premises, Records, Equipment, Methods and Discharges

Upon presentation of proper credentials and any other documents as may be required by law, the permittee shall allow the director or the director's authorized representative to:

1. Enter upon the permittee's premises where a Title V source is located or emissions-related activity is conducted, or where records must be kept under the conditions of the permit;
2. Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
3. Inspect, at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
4. Sample or monitor, at reasonable times, substances or parameters for the purpose of ensuring compliance with the permit or other applicable requirements. *567 IAC 22.108 (15)"b"*

G8. Duty to Provide Information

The permittee shall furnish to the director, within a reasonable time, any information that the director may request in writing to determine whether cause exists for modifying, revoking and reissuing, or terminating the permit or to determine compliance with the permit. Upon request, the permittee also shall furnish to the director copies of records required to be kept by the permit, or for information claimed to be confidential, the permittee shall furnish such records directly to the administrator of EPA along with a claim of confidentiality. *567 IAC 22.108 (9)"e"*

G9. General Maintenance and Repair Duties

The owner or operator of any air emission source or control equipment shall:

1. Maintain and operate the equipment or control equipment at all times in a manner consistent with good practice for minimizing emissions.
2. Remedy any cause of excess emissions in an expeditious manner.
3. Minimize the amount and duration of any excess emission to the maximum extent possible during periods of such emissions. These measures may include but not be limited to the use of clean fuels, production cutbacks, or the use of alternate process units or, in the case of utilities, purchase of electrical power until repairs are completed.
4. Schedule, at a minimum, routine maintenance of equipment or control equipment during periods of process shutdowns to the maximum extent possible. *567 IAC 24.2(1)*

G10. Recordkeeping Requirements for Compliance Monitoring

1. In addition to any source specific recordkeeping requirements contained in this permit, the permittee shall maintain the following compliance monitoring records, where applicable:
 - a. The date, place and time of sampling or measurements
 - b. The date the analyses were performed.
 - c. The company or entity that performed the analyses.
 - d. The analytical techniques or methods used.
 - e. The results of such analyses; and
 - f. The operating conditions as existing at the time of sampling or measurement.
 - g. The records of quality assurance for continuous compliance monitoring systems (including but not limited to quality control activities, audits and calibration drifts.)
2. The permittee shall retain records of all required compliance monitoring data and support information for a period of at least 5 years from the date of compliance monitoring sample, measurement report or application. Support information includes all calibration and maintenance records and all original strip chart recordings for continuous compliance monitoring, and copies of all reports required by the permit.
3. For any source which in its application identified reasonably anticipated alternative operating scenarios, the permittee shall:

- a. Comply with all terms and conditions of this permit specific to each alternative scenario.
- b. Maintain a log at the permitted facility of the scenario under which it is operating.
- c. Consider the permit shield, if provided in this permit, to extend to all terms and conditions under each operating scenario. *567 IAC 22.108(4), 567 IAC 22.108(12)*

G11. Evidence used in establishing that a violation has or is occurring.

Notwithstanding any other provisions of these rules, any credible evidence may be used for the purpose of establishing whether a person has violated or is in violation of any provisions herein.

1. Information from the use of the following methods is presumptively credible evidence of whether a violation has occurred at a source:

- a. A monitoring method approved for the source and incorporated in an operating permit pursuant to *567 Chapter 22*;
- b. Compliance test methods specified in *567 Chapter 25*; or
- c. Testing or monitoring methods approved for the source in a construction permit issued pursuant to *567 Chapter 22*.

2. The following testing, monitoring or information gathering methods are presumptively credible testing, monitoring, or information gathering methods:

- a. Any monitoring or testing methods provided in these rules; or
- b. Other testing, monitoring, or information gathering methods that produce information comparable to that produced by any method in subrule *21.5(1)* or this subrule. *567 IAC 21.5(1)-567 IAC 21.5(2)*

G12. Prevention of Accidental Release: Risk Management Plan Notification and Compliance Certification

If the permittee is required to develop and register a risk management plan pursuant to section 112(r) of the Act, the permittee shall notify the department of this requirement. The plan shall be filed with all appropriate authorities by the deadline specified by EPA. A certification that this risk management plan is being properly implemented shall be included in the annual compliance certification of this permit. *567 IAC 22.108(6)*

G13. Hazardous Release

The permittee must report any situation involving the actual, imminent, or probable release of a hazardous substance into the atmosphere which, because of the quantity, strength and toxicity of the substance, creates an immediate or potential danger to the public health, safety or to the environment. A verbal report shall be made to the department at (515) 281-8694 and to the local police department or the office of the sheriff of the affected county as soon as possible but not later than six hours after the discovery or onset of the condition. This verbal report must be followed up with a written report as indicated in *567 IAC 131.2(2)*. *567 IAC Chapter 131-State Only*

G14. Excess Emissions and Excess Emissions Reporting Requirements

1. Excess Emissions. Excess emission during a period of startup, shutdown, or cleaning of control equipment is not a violation of the emission standard if the startup, shutdown or cleaning is accomplished expeditiously and in a manner consistent with good practice for minimizing emissions. Cleaning of control equipment which does not require the shutdown of the process equipment shall be limited to one six-minute period per one-hour period. An incident of excess emission (other than an incident during startup, shutdown or cleaning of control equipment) is a violation. If the owner or operator of a source maintains that the incident of excess emission was due to a malfunction, the owner or operator must show that the conditions which caused the incident of excess emission were not preventable by reasonable maintenance and control measures.

Determination of any subsequent enforcement action will be made following review of this report.

If excess emissions are occurring, either the control equipment causing the excess emission shall be repaired in an expeditious manner or the process generating the emissions shall be shutdown within

a reasonable period of time. An expeditious manner is the time necessary to determine the cause of the excess emissions and to correct it within a reasonable period of time. A reasonable period of time is eight hours plus the period of time required to shut down the process without damaging the process equipment or control equipment. A variance from this subrule may be available as provided for in Iowa Code section 455B.143. In the case of an electric utility, a reasonable period of time is eight hours plus the period of time until comparable generating capacity is available to meet consumer demand with the affected unit out of service, unless, the director shall, upon investigation, reasonably determine that continued operation constitutes an unjustifiable environmental hazard and issue an order that such operation is not in the public interest and require a process shutdown to commence immediately.

2. Excess Emissions Reporting

a. Initial Reporting of Excess Emissions. An incident of excess emission (other than an incident of excess emission during a period of startup, shutdown, or cleaning) shall be reported to the appropriate field office of the department within eight hours of, or at the start of the first working day following the onset of the incident. The reporting exemption for an incident of excess emission during startup, shutdown or cleaning does not relieve the owner or operator of a source with continuous monitoring equipment of the obligation of submitting reports required in 567-subrule 25.1(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 25.1(1)) if the incident of excess emission continues for less than 30 minutes and does not exceed the applicable emission standard by more than 10 percent or the applicable visible emission standard by more than 10 percent opacity. The initial report may be made by electronic mail (E-mail), in person, or by telephone and shall include as a minimum the following:

- i. The identity of the equipment or source operation from which the excess emission originated and the associated stack or emission point.
- ii. The estimated quantity of the excess emission.
- iii. The time and expected duration of the excess emission.
- iv. The cause of the excess emission.
- v. The steps being taken to remedy the excess emission.
- vi. The steps being taken to limit the excess emission in the interim period.

b. Written Reporting of Excess Emissions. A written report of an incident of excess emission 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, and shall include as a minimum the following:

- i. The identity of the equipment or source operation point from which the excess emission originated and the associated stack or emission point.
- ii. The estimated quantity of the excess emission.
- iii. The time and duration of the excess emission.
- iv. The cause of the excess emission.
- v. The steps that were taken to remedy and to prevent the recurrence of the incident of excess emission.
- vi. The steps that were taken to limit the excess emission.
- vii. If the owner claims that the excess emission was due to malfunction, documentation to support this claim. 567 IAC 24.1(1)-567 IAC 24.1(4)

3. Emergency Defense for Excess Emissions. For the purposes of this permit, an “emergency” means any situation arising from sudden and reasonably unforeseeable events beyond the control of the source, including acts of God, which situation requires immediate corrective action to restore

normal operation, and that causes the source to exceed a technology-based emission limitation under the permit due to unavoidable increases in emissions attributable to the emergency. An emergency shall not include non-compliance, to the extent caused by improperly designed equipment, lack of preventive maintenance, careless or improper operation or operator error. An emergency constitutes an affirmative defense to an action brought for non-compliance with technology based limitations if it can be demonstrated through properly signed contemporaneous operating logs or other relevant evidence that:

- a. An emergency occurred and that the permittee can identify the cause(s) of the emergency;
- b. The facility at the time was being properly operated;
- c. During the period of the emergency, the permittee took all reasonable steps to minimize levels of emissions that exceeded the emissions standards or other requirements of the permit; and
- d. The permittee submitted notice of the emergency to the director by certified mail within two working days of the time when the emissions limitations were exceeded due to the emergency. This notice fulfills the requirement of paragraph 22.108(5)"b." – See G15. This notice must contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken.

In any enforcement proceeding, the permittee seeking to establish the occurrence of an emergency has the burden of proof. This provision is in addition to any emergency or upset provision contained in any applicable requirement. *567 IAC 22.108(16)*

G15. Permit Deviation Reporting Requirements

A deviation is any failure to meet a term, condition or applicable requirement in the permit. Reporting requirements for deviations that result in a hazardous release or excess emissions have been indicated above (see G13 and G14). Unless more frequent deviation reporting is specified in the permit, any other deviation shall be documented in the semi-annual monitoring report and the annual compliance certification (see G4 and G5). *567 IAC 22.108(5)"b"*

G16. Notification Requirements for Sources That Become Subject to NSPS and NESHAP Regulations

During the term of this permit, the permittee must notify the department of any source that becomes subject to a standard or other requirement under 567-subrule 23.1(2) (standards of performance of new stationary sources) or section 111 of the Act; or 567-subrule 23.1(3) (emissions standards for hazardous air pollutants), 567-subrule 23.1(4) (emission standards for hazardous air pollutants for source categories) or section 112 of the Act. This notification shall be submitted in writing to the department pursuant to the notification requirements in 40 CFR Section 60.7, 40 CFR Section 61.07, and/or 40 CFR Section 63.9. *567 IAC 23.1(2), 567 IAC 23.1(3), 567 IAC 23.1(4)*

G17. Requirements for Making Changes to Emission Sources That Do Not Require Title V Permit Modification

1. Off Permit Changes to a Source. Pursuant to section 502(b)(10) of the CAAA, the permittee may make changes to this installation/facility without revising this permit if:

- a. The changes are not major modifications under any provision of any program required by section 110 of the Act, modifications under section 111 of the act, modifications under section 112 of the act, or major modifications as defined in 567 IAC Chapter 22.
- b. The changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or in terms of total emissions);
- c. The changes are not modifications under any provisions of Title I of the Act and the changes do not exceed the emissions allowable under the permit (whether expressed therein as a rate of emissions or as total emissions);
- d. The changes are not subject to any requirement under Title IV of the Act (revisions

affecting Title IV permitting are addressed in rules 567—22.140(455B) through 567 - 22.144(455B));.

e. The changes comply with all applicable requirements.

f. For each such change, the permitted source provides to the department and the administrator by certified mail, at least 30 days in advance of the proposed change, a written notification, including the following, which must be attached to the permit by the source, the department and the administrator:

i. A brief description of the change within the permitted facility,

ii. The date on which the change will occur,

iii. Any change in emission as a result of that change,

iv. The pollutants emitted subject to the emissions trade

v. If the emissions trading provisions of the state implementation plan are invoked, then Title V permit requirements with which the source shall comply; a description of how the emissions increases and decreases will comply with the terms and conditions of the Title V permit.

vi. A description of the trading of emissions increases and decreases for the purpose of complying with a federally enforceable emissions cap as specified in and in compliance with the Title V permit; and

vii. Any permit term or condition no longer applicable as a result of the change.

567 IAC 22.110(1)

2. Such changes do not include changes that would violate applicable requirements or contravene federally enforceable permit terms and conditions that are monitoring (including test methods), record keeping, reporting, or compliance certification requirements. *567 IAC 22.110(2)*

3. Notwithstanding any other part of this rule, the director may, upon review of a notice, require a stationary source to apply for a Title V permit if the change does not meet the requirements of subrule 22.110(1). *567 IAC 22.110(3)*

4. The permit shield provided in subrule 22.108(18) shall not apply to any change made pursuant to this rule. Compliance with the permit requirements that the source will meet using the emissions trade shall be determined according to requirements of the state implementation plan authorizing the emissions trade. *567 IAC 22.110(4)*

5. No permit revision shall be required, under any approved economic incentives, marketable permits, emissions trading and other similar programs or processes, for changes that are provided for in this permit. *567 IAC 22.108(11)*

G18. Duty to Modify a Title V Permit

1. Administrative Amendment.

a. An administrative permit amendment is a permit revision that does any of the following:

i. Correct typographical errors

ii. Identify a change in the name, address, or telephone number of any person identified in the permit, or provides a similar minor administrative change at the source;

iii. Require more frequent monitoring or reporting by the permittee; or

iv. Allow for a change in ownership or operational control of a source where the director determines that no other change in the permit is necessary, provided that a written agreement containing a specific date for transfer of permit responsibility, coverage and liability between the current and new permittee has been submitted to the director.

- b. The permittee may implement the changes addressed in the request for an administrative amendment immediately upon submittal of the request. The request shall be submitted to the director.
- c. Administrative amendments to portions of permits containing provisions pursuant to Title IV of the Act shall be governed by regulations promulgated by the administrator under Title IV of the Act.

2. Minor Title V Permit Modification.

a. Minor Title V permit modification procedures may be used only for those permit modifications that satisfy all of the following:

- i. Do not violate any applicable requirement;
- ii. Do not involve significant changes to existing monitoring, reporting or recordkeeping requirements in the Title V permit;
- iii. Do not require or change a case by case determination of an emission limitation or other standard, or an increment analysis;
- iv. Do not seek to establish or change a permit term or condition for which there is no corresponding underlying applicable requirement and that the source has assumed in order to avoid an applicable requirement to which the source would otherwise be subject. Such terms and conditions include any federally enforceable emissions caps which the source would assume to avoid classification as a modification under any provision under Title I of the Act; and an alternative emissions limit approved pursuant to regulations promulgated under section 112(i)(5) of the Act;
- v. Are not modifications under any provision of Title I of the Act; and
- vi. Are not required to be processed as significant modification under rule 567 - 22.113(455B).

b. An application for minor permit revision shall be on the minor Title V modification application form and shall include at least the following:

- i. A description of the change, the emissions resulting from the change, and any new applicable requirements that will apply if the change occurs;
- ii. The permittee's suggested draft permit;
- iii. Certification by a responsible official, pursuant to 567 IAC 22.107(4), that the proposed modification meets the criteria for use of minor permit modification procedures and a request that such procedures be used; and
- iv. Completed forms to enable the department to notify the administrator and the affected states as required by 567 IAC 22.107(7).

c. The permittee may make the change proposed in its minor permit modification application immediately after it files the application. After the permittee makes this change and until the director takes any of the actions specified in 567 IAC 22.112(4) "a" to "c", the permittee must comply with both the applicable requirements governing the change and the proposed permit terms and conditions. During this time, the permittee need not comply with the existing permit terms and conditions it seeks to modify. However, if the permittee fails to comply with its proposed permit terms and conditions during this time period, the existing permit terms and conditions it seeks to modify may be enforced against the facility.

3. Significant Title V Permit Modification.

Significant Title V modification procedures shall be used for applications requesting Title V permit modifications that do not qualify as minor Title V modifications or as administrative amendments. These include but are not limited to all significant changes in monitoring permit terms, every relaxation of reporting or recordkeeping permit terms, and any change in the method of measuring compliance with existing requirements. Significant Title V modifications shall meet all

requirements of 567 IAC Chapter 22, including those for applications, public participation, review by affected states, and review by the administrator, as those requirements that apply to Title V issuance and renewal.

The permittee shall submit an application for a significant permit modification not later than three months after commencing operation of the changed source unless the existing Title V permit would prohibit such construction or change in operation, in which event the operation of the changed source may not commence until the department revises the permit. *567 IAC 22.111-567 IAC 22.113*

G19. Duty to Obtain Construction Permits

Unless exempted in 567 IAC 22.1(2) or to meet the parameters established in 567 IAC 22.1(1)"c", the permittee shall not construct, install, reconstruct or alter any equipment, control equipment or anaerobic lagoon without first obtaining a construction permit, or conditional permit, or permit pursuant to rule 567 IAC 22.8, or permits required pursuant to rules 567 IAC 22.4, 567 IAC 22.5, 567 IAC 31.3, and 567 IAC 33.3 as required in 567 IAC 22.1(1). A permit shall be obtained prior to the initiation of construction, installation or alteration of any portion of the stationary source or anaerobic lagoon. *567 IAC 22.1(1)*

G20. Asbestos

The permittee shall comply with 567 IAC 23.1(3)"a", and 567 IAC 23.2(3)"g" when activities involve asbestos mills, surfacing of roadways, manufacturing operations, fabricating, insulating, waste disposal, spraying applications, demolition and renovation operations (*567 IAC 23.1(3)"a"*); training fires and controlled burning of a demolished building (*567 IAC 23.2*).

G21. Open Burning

The permittee is prohibited from conducting open burning, except as provided in 567 IAC 23.2. *567 IAC 23.2 except 23.2(3)"j"; 567 IAC 23.2(3)"j" - State Only*

G22. Acid Rain (Title IV) Emissions Allowances

The permittee shall not exceed any allowances that it holds under Title IV of the Act or the regulations promulgated there under. Annual emissions of sulfur dioxide in excess of the number of allowances to emit sulfur dioxide held by the owners and operators of the unit or the designated representative of the owners and operators is prohibited. Exceedances of applicable emission rates are prohibited. "Held" in this context refers to both those allowances assigned to the owners and operators by USEPA, and those allowances supplementally acquired by the owners and operators. The use of any allowance prior to the year for which it was allocated is prohibited. Contravention of any other provision of the permit is prohibited. *567 IAC 22.108(7)*

G23. Stratospheric Ozone and Climate Protection (Title VI) Requirements

1. The permittee shall comply with the standards for labeling of products using ozone-depleting substances pursuant to 40 CFR Part 82, Subpart E:

- a. All containers in which a class I or class II substance is stored or transported, all products containing a class I substance, and all products directly manufactured with a class I substance must bear the required warning statement if it is being introduced into interstate commerce pursuant to § 82.106.
- b. The placement of the required warning statement must comply with the requirements pursuant to § 82.108.
- c. The form of the label bearing the required warning statement must comply with the requirements pursuant to § 82.110.
- d. No person may modify, remove, or interfere with the required warning statement except as described in § 82.112.

2. The permittee shall comply with the standards for recycling and emissions reduction pursuant to 40 CFR Part 82, Subpart F, except as provided for MVACs in Subpart B:

- a. Persons opening appliances for maintenance, service, repair, or disposal must comply with the required practices pursuant to § 82.156.
 - b. Equipment used during the maintenance, service, repair, or disposal of appliances must comply with the standards for recycling and recovery equipment pursuant to § 82.158.
 - c. Persons performing maintenance, service, repair, or disposal of appliances must be certified by an approved technician certification program pursuant to § 82.161.
 - d. Persons disposing of small appliances, MVACs, and MVAC-like appliances must comply with reporting and recordkeeping requirements pursuant to § 82.166. ("MVAC-like appliance" as defined at § 82.152)
 - e. Persons owning commercial or industrial process refrigeration equipment must comply with the leak repair requirements pursuant to § 82.156.
 - f. Owners/operators of appliances normally containing 50 or more pounds of refrigerant must keep records of refrigerant purchased and added to such appliances pursuant to § 82.166.
3. If the permittee manufactures, transforms, imports, or exports a class I or class II substance, the permittee is subject to all the requirements as specified in 40 CFR part 82, Subpart A, Production and Consumption Controls.
4. If the permittee performs a service on motor (fleet) vehicles when this service involves ozone-depleting substance refrigerant (or regulated substitute substance) in the motor vehicle air conditioner (MVAC), the permittee is subject to all the applicable requirements as specified in 40 CFR part 82, Subpart B, Servicing of Motor Vehicle Air Conditioners. The term "motor vehicle" as used in Subpart B does not include a vehicle in which final assembly of the vehicle has not been completed. The term "MVAC" as used in Subpart B does not include the air-tight sealed refrigeration system used as refrigerated cargo, or system used on passenger buses using HCFC-22 refrigerant,
5. The permittee shall be allowed to switch from any ozone-depleting substance to any alternative that is listed in the Significant New Alternatives Program (SNAP) promulgated pursuant to 40 CFR part 82, Subpart G, Significant New Alternatives Policy Program. *40 CFR part 82*

G24. Permit Reopenings

- 1. This permit may be modified, revoked, reopened, and reissued, or terminated for cause. The filing of a request by the permittee for a permit modification, revocation and reissuance, or termination, or of a notification of planned changes or anticipated noncompliance does not stay any permit condition. *567 IAC 22.108(9)"c"*
- 2. Additional applicable requirements under the Act become applicable to a major part 70 source with a remaining permit term of 3 or more years. Revisions shall be made as expeditiously as practicable, but not later than 18 months after the promulgation of such standards and regulations.
 - a. Reopening and revision on this ground is not required if the permit has a remaining term of less than three years;
 - b. Reopening and revision on this ground is not required if the effective date of the requirement is later than the date on which the permit is due to expire, unless the original permit or any of its terms and conditions have been extended pursuant to 40 CFR 70.4(b)(10)(i) or (ii) as amended to May 15, 2001.
 - c. Reopening and revision on this ground is not required if the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. *567 IAC 22.108(17)"a"*, *567 IAC 22.108(17)"b"*
- 3. A permit shall be reopened and revised under any of the following circumstances:

- a. The department receives notice that the administrator has granted a petition for disapproval of a permit pursuant to 40 CFR 70.8(d) as amended to July 21, 1992, provided that the reopening may be stayed pending judicial review of that determination;
 - b. The department or the administrator determines that the Title V permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of the Title V permit;
 - c. Additional applicable requirements under the Act become applicable to a Title V source, provided that the reopening on this ground is not required if the permit has a remaining term of less than three years, the effective date of the requirement is later than the date on which the permit is due to expire, or the additional applicable requirements are implemented in a general permit that is applicable to the source and the source receives approval for coverage under that general permit. Such a reopening shall be complete not later than 18 months after promulgation of the applicable requirement.
 - d. Additional requirements, including excess emissions requirements, become applicable to a Title IV affected source under the acid rain program. Upon approval by the administrator, excess emissions offset plans shall be deemed to be incorporated into the permit.
 - e. The department or the administrator determines that the permit must be revised or revoked to ensure compliance by the source with the applicable requirements. *567 IAC 22.114(1)*
4. Proceedings to reopen and reissue a Title V permit shall follow the procedures applicable to initial permit issuance and shall effect only those parts of the permit for which cause to reopen exists. *567 IAC 22.114(2)*
5. A notice of intent shall be provided to the Title V source at least 30 days in advance of the date the permit is to be reopened, except that the director may provide a shorter time period in the case of an emergency. *567 IAC 22.114(3)*

G25. Permit Shield

1. The director may expressly include in a Title V permit a provision stating that compliance with the conditions of the permit shall be deemed compliance with any applicable requirements as of the date of permit issuance, provided that:
- a. Such applicable requirements are included and are specifically identified in the permit; or
 - b. The director, in acting on the permit application or revision, determines in writing that other requirements specifically identified are not applicable to the source, and the permit includes the determination or a concise summary thereof.
2. A Title V permit that does not expressly state that a permit shield exists shall be presumed not to provide such a shield.
3. A permit shield shall not alter or affect the following:
- a. The provisions of Section 303 of the Act (emergency orders), including the authority of the administrator under that section;
 - b. The liability of an owner or operator of a source for any violation of applicable requirements prior to or at the time of permit issuance;
 - c. The applicable requirements of the acid rain program, consistent with Section 408(a) of the Act;
 - d. The ability of the department or the administrator to obtain information from the facility pursuant to Section 114 of the Act. *567 IAC 22.108 (18)*

G26. Severability

The provisions of this permit are severable and if any provision or application of any provision is found to be invalid by this department or a court of law, the application of such provision to other circumstances, and the remainder of this permit, shall not be affected by such finding. *567 IAC 22.108 (8)*

G27. Property Rights

The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 22.108 (9)"d"*

G28. Transferability

This permit is not transferable from one source to another. If title to the facility or any part of it is transferred, an administrative amendment to the permit must be sought consistent with the requirements of *567 IAC 22.111(1)*. *567 IAC 22.111 (1)"d"*

G29. Disclaimer

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. *567 IAC 22.3(3)"c"*

G30. Notification and Reporting Requirements for Stack Tests or Monitor Certification

The permittee shall notify the department's stack test contact in writing not less than 30 days before a required test or performance evaluation of a continuous emission monitor is performed to determine compliance with applicable requirements of *567 – Chapter 23* or a permit condition. Such notice shall include the time, the place, the name of the person who will conduct the test 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 applicable rules or permit conditions. Upon written request, the department may allow a notification period of less than 30 days. At the department's request, a pretest meeting shall be held not later than 15 days prior to conducting the compliance demonstration. A testing protocol shall be submitted to the department no later than 15 days before the owner or operator conducts the compliance demonstration. A representative of the department shall be permitted to witness the tests. Results of the tests shall be submitted in writing to the department's stack test contact in the form of a comprehensive report within six weeks of the completion of the testing. Compliance tests conducted pursuant to this permit shall be conducted with the source operating 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 the source shall be operated. In cases where compliance is to be demonstrated at less than the maximum continuous output as rated by the equipment manufacturer, and it is the owner's intent to limit the capacity to that rating, the owner may submit evidence to the department that the source 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 such source is in compliance.

Stack test notifications, reports and correspondence shall be sent to:

Stack Test Review Coordinator
Iowa DNR, Air Quality Bureau
7900 Hickman Road, Suite #1
Windsor Heights, IA 50324
(515) 725-9545

Within Polk and Linn Counties, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.

567 IAC 25.1(7)"a", *567 IAC 25.1(9)*

G31. Prevention of Air Pollution Emergency Episodes

The permittee shall comply with the provisions of *567 IAC Chapter 26* in the prevention of excessive build-up of air contaminants during air pollution episodes, thereby preventing the occurrence of an emergency due to the effects of these contaminants on the health of persons. *567 IAC 26.1(1)*

G32. Contacts List

The current address and phone number for reports and notifications to the EPA administrator is:

Chief of Air Permits
U.S. EPA Region 7
Air Permits and Compliance Branch
11201 Renner Blvd.
Lenexa, KS 66219
(913) 551-7020

The current address and phone number for reports and notifications to the department or the Director is:

**Chief, Air Quality Bureau
Iowa Department of Natural Resources
7900 Hickman Road, Suite #1
Windsor Heights, IA 50324
(515) 725-9500**

Reports or notifications to the DNR Field Offices or local programs shall be directed to the supervisor at the appropriate field office or local program. Current addresses and phone numbers are:

Field Office 1

909 West Main – Suite 4
Manchester, IA 52057
(563) 927-2640

Field Office 2

2300-15th St., SW
Mason City, IA 50401
(641) 424-4073

Field Office 3

1900 N. Grand Ave.
Spencer, IA 51301
(712) 262-4177

Field Office 4

1401 Sunnyside Lane
Atlantic, IA 50022
(712) 243-1934

Field Office 5

7900 Hickman Road, Suite #200
Windsor Heights, IA 50324
(515) 725-0268

Field Office 6

1023 West Madison Street
Washington, IA 52353-1623
(319) 653-2135

Polk County Public Works Dept.

Air Quality Division
5885 NE 14th St.
Des Moines, IA 50313
(515) 286-3351

Linn County Public Health

Air Quality Branch
501 13th St., NW
Cedar Rapids, IA 52405
(319) 892-6000

V. Appendix A: Links to NSPS and NESHAP Requirements

- A. 40 CFR 60 Subpart XX—Standards of Performance for Bulk Gasoline Terminals
<http://www.ecfr.gov/cgi-bin/text-idx?SID=12fffd0821f599bded2f22b6d67c4ef5&mc=true&node=sp40.7.60.xx&rgn=div6>
- B. 40 CFR 63 Subpart BBBBBB—National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
<http://www.ecfr.gov/cgi-bin/text-idx?SID=249275e1e3e7b953f8c515b380dec1dc&mc=true&node=sp40.15.63.bbbbbb&rgn=div6>
- C. 40 CFR 63 Subpart ZZZZ—National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
<http://www.ecfr.gov/cgi-bin/text-idx?SID=58aa8e8ff6353fd12713f58c0b0918fc&mc=true&node=sp40.15.63.zzzz&rgn=div6>