Iowa Department of Natural Resources
Draft Title V Operating Permit

Name of Permitted Facility: Magellan Pipeline Company, LP - Des Moines Terminal
Facility Location: 2503 S.E. 43rd Street Des Moines, Iowa 50327
Air Quality Operating Permit Number: 98-TV-019R4
Expiration Date: (Issue Date + 5 years)

Permit Renewal Application Deadline: (Expiration – 6 months)

EIQ Number: 92-6788
Facility File Number: 77-01-114

Responsible Official
Name: Keith Faucett
Title: Director of Operations
Mailing Address: One Williams Center, OTC-9
Tulsa, OK 74172
Phone #: (918) 574-7911

Permit Contact Person for the Facility
Name: Lance Whisman
Title: Senior Air Specialist
Mailing Address: One Williams Center, OTC-8
Tulsa, OK 74172
Phone #: (918) 574-7012

This permit is issued in accordance with 567 Iowa Administrative Code Chapter 24, and is issued subject to the terms and conditions contained in this permit.

For the Director of the Department of Natural Resources

Marnie Stein, Supervisor of Operating Permits Section Date

Table of Contents

Abbreviations

acfm.....actual cubic feet per minute
AERMOD……..AMS/EPA Regulatory Model
AQD……Polk County Public Works- Air Quality Division
CAS……....Chemical Abstract Service Registry
CE .....Control Equipment
CEM.....Continuous Emission Monitor
CFR.....Code of Federal Regulation
DNR .....Iowa Department of Natural Resources
^{o}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
MACT…….Maximum Achievable Control Technology
µg/m^{3}……..Micrograms per Cubic Meter
MM BTU/ Hr……..Million British Thermal Units per Hour
MSDS…….Material Safety Data Sheet(s)
MVAC.....Motor Vehicle Air Conditioner
NAICS.....North American Industry Classification System
NESHAP…….National Emission Standards for Hazardous Air Pollutants
NSPS .....New Source Performance Standard
ppmv……..…parts per million by volume
psia……..pounds per square inch absolute
lb./hr .....pounds per hour
lb./MMBtu .....pounds per Million British thermal units
SCC.....Source Classification Codes
scfm…….standard cubic feet per minute
sdcfm……...standard dry cubic feet per minute
SIC……..Standard Industrial Classification
TPY……Tons Per Year
USEPA.....United States Environmental Protection Agency
VCU……Vapor Combustion Unit

Pollutants
PM.....Particulate Matter
PM_{10}……..Particulate Matter ten microns or less in diameter
$PM_{2.5}$……...Particulate Matter 2.5 microns or less in diameter
SO_2 .....Sulfur dioxide
NO_x .....Nitrogen Oxides
VOC(s).....Volatile Organic Compound(s)
CO.....Carbon Monoxide
HAP(s) .....Hazardous Air Pollutant(s)

I. Facility Description and Equipment List

Facility Name: Magellan Pipeline Company, LP – Des Moines Terminal
Permit Number: 98-TV-019R4

Facility Description: Gasoline Terminal/Refined Petroleum Pipelines (SIC 4613)
Pipeline Transfer of Refined Petroleum Products (NAICS 486910)

Equipment List

Emission Point Number	Emission Unit Number	Emission Unit Description	Polk County AQD Construction Permit Number
1	1	Truck Loading Rack, with John Zink Vapor Recovery Unit	2656 Modified
1B		Truck Loading Rack, with Zeeco Model TFC-D-10 Vapor Combustor Unit	1250 Modified #7
2	2	Tank 419 – 252,000 Gallon Capacity, Gasoline, Domed External Floating Roof	2363 Modified #7
3	3	Tank 420 – 252,000 Gallon Capacity, Natural Gasoline, Domed External Floating Roof	
4	4	Tank 511 – 504,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
5	5	Tank 616 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
6	6	Tank 617 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
7	7	Tank 618 – 714,000 Gallon Capacity, Natural Gasoline, Domed External Floating Roof	
8	8	Tank 619 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
9	9	Tank 620 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
10	10	Tank 621 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
11	11	Tank 622 – 714,000 Gallon Capacity, Natural Gasoline, Domed External Floating Roof	
12	12	Tank 643 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
13	13	Tank 648 – 714,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
14	14	Tank 651 – 840,000 Gallon Capacity, Gasoline, Domed Exterior Floating Roof	
15	15	Tank 736 – 1,260,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
16	16	Tank 737 – 1,260,000 Gallon Capacity, Gasoline, Domed External Floating Roof	

Emission Point Number	Emission Unit Number	Emission Unit Description	Polk County AQD Construction Permit Number
17	17	Tank 738 – 1,260,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
18	18	Tank 739 – 1,260,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
19	19	Tank 747 – 1,554,000 Gallon Capacity, Natural Gasoline, Domed External Floating Roof	
20	20	Tank 748 – 1,554,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
21	21	Tank 749 – 1,554,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
22	22	Tank 770 – 1,512,000 Gallon Capacity, Gasoline, Internal Floating Roof	
23	23	Tank 771 – 1,512,000 Gallon Capacity, Natural Gasoline, Internal Floating Roof	
24	24	Tank 772 – 1,512,000 Gallon Capacity, Gasoline, Internal Floating Roof	
25	25	Tank 773 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
26	26	Tank 774 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
27	27	Tank 775 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
28	28	Tank 776 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
29	29	Tank 777 – 1,512,000 Gallon Capacity, Gasoline, Internal Floating Roof	
30	30	Tank 778 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
31	31	Tank 779 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
32	32	Tank 780 – 1,512,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
33	33	Tank 803 – 3,360,000 Gallon Capacity, Natural Gasoline, Domed External Floating Roof	
34	34	Tank 804- 3,360,000 Gallon Capacity, Gasoline, Domed External Floating Roof	
35	35	Tank 836 – 3,234,000 Gallon Capacity, Gasoline, Internal Floating Roof	
36	36	Tank 837 – 3,234,000 Gallon Capacity, Gasoline, Internal Floating Roof	
37	37	Tank 838 – 3,234,000 Gallon Capacity, Gasoline, Internal Floating Roof	
38	38	Tank 839 – 3,402,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	

Emission Point Number	Emission Unit Number	Emission Unit Description	Polk County AQD Construction Permit Number
39	39	Tank 840 – 3,402,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
40	40	Tank 1307 – 1,680,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
41	41	Tank 1308 – 1,680,000 Gallon Capacity, Gasoline, Internal Floating Roof	
42	42	Tank 1309 – 1,680,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
43	43	Tank 1310 – 1,680,000 Gallon Capacity, Gasoline, Internal Floating Roof	
44	44	Tank 1311 – 1,680,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
45	45	Tank 1507 – 6,300,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
46	46	Tank 1508 – 2,562,000 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
51	51	Transmix Fractionator^{+}, 6.46 MM BTU/Hr	0627
56	56	Railcar Loading Rack	1229 Modified
58a	58a	Tank 1004 – 1,250,000 Gallon Capacity, Jet Kerosene, Spherical Shape, Vertical Fixed Roof	2363 Modified #7
62	62	Tank 1150 – 4,200,000 Gallon Capacity, Natural Gasoline, Internal Floating Roof	
63	63	Tank 1151 – 4,200,000 Gallon Capacity, Natural Gasoline, Internal Floating Roof	
64	64	Tank 1152 – 4,200,000 Gallon Capacity, Natural Gasoline, Internal Floating Roof	
69	69	Tank 1140 – 5,499,984 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	
72	72	Transmix Distillation Unit (fractionator)	2001
73	73	Butane Unloading and Blending Operations including: • (2) 55,000 gallon storage tanks, (2) 65,000 gallon storage tanks, (2) butane-truck loading positions • (1) Knock-out Tank	2111 Modified #3
74	74	Ethanol Rail Loading Rack	2142
75	75	Tank 902- Spherical Low-Pressure Mainline Relief Tank	Grandfathered
76	76	Tank Roof Landings	2363 Modified #7
77	77	Control Room Sub-Slab Remediation Vent	2190
78	78	Truck Rack Sub-Slab Remediation Vent	2191
79	79	Tank 3150 – 19,603,500 Gallon Capacity, Jet Kerosene, Vertical Fixed Roof	2363 Modified #7
80	80	Tank 2700 – 12,921,300 Gallon Capacity, Gasoline, Cone Roof & Internal Floating Roof	
81	81	Tank 2701 – 12,921,300 Gallon Capacity, Gasoline, Cone Roof & Internal Floating Roof	
82	82	Tank 2702 – 12,921,300 Gallon Capacity, Gasoline,	

Emission Point Number	Emission Unit Number	Emission Unit Description	Polk County AQD Construction Permit Number
		Cone Roof & Internal Floating Roof	
83	83	Tank 2703 – 12,921,300 Gallon Capacity, Gasoline, Cone Roof & Internal Floating Roof	
BD1	BDT1	5,000 barrel (210,000 gallon) Biodiesel Storage Tank (Tank 153)	2349
BD2	BDOL	Biodiesel Offloading System	
PFT	PFT	(2) 21,000 gallon Portable Frac Tanks	2255 Modified
P1	P1	(6) Portable Emergency Generators: • (2) 1000 kW • (4) 500 kW	3872
P2	P2		
P3	P3		
P4	P4		
P5	P5		
P6	P6		
48	48	Fugitive Emissions (Valves, Pumps, and Flanges)	NA
49	49-1	Bulk Additive Storage Tank- 8,000 Gallon Capacity	NA
	49-2	Bulk Additive Storage Tank- 3,000 Gallon Capacity	NA
	49-3	Bulk Additive Storage Tank- 4,200 Gallon Capacity	NA
	49-4	Bulk Additive Storage Tank- 4,200 Gallon Capacity	NA
	49-5	Bulk Additive Storage Tank- 600 Gallon Capacity	NA
	49-6	Bulk Additive Storage Tank- 2,600 Gallon Capacity	NA
	49-7	Bulk Additive Storage Tank- 1,000 Gallon Capacity	NA
	49-8	Bulk Additive Storage Tank- 1,100 Gallon Capacity	NA
	49-9	Bulk Additive Storage Tank- 3,000 Gallon Capacity	NA
	49-10	Bulk Additive Storage Tank- 2,500 Gallon Capacity	NA
	49-11	Bulk Additive Storage Tank- 2,000 Gallon Capacity	NA
	49-12	Bulk Additive Storage Tank- 300 Gallon Capacity	NA
	49-13	Bulk Additive Storage Tank- 100 Gallon Capacity	NA
	49-14	Bulk Additive Storage Tank- 2,540 Gallon Capacity	NA
	49-15	Bulk Additive Storage Tank- 2,000 Gallon Capacity	NA
	49-16	Bulk Additive Storage Tank- 1,000 Gallon Capacity	NA
	49-17	Bulk Additive Storage Tank- 3,000 Gallon Capacity	NA
50	50	Oil and Water Separator System (Sumps and Water Tanks)	NA
52	52	Natural Gas Fired Boiler, 1.75 MMBtu/hr	NA
54	54	LPG Flare (Emergency Use Only)	NA
57	57	Ethanol Unloading Disconnects	NA
67	67	Q Grade Filter Drainage	NA

Notes: Magellan states that the Transmix Fractionator^{+} (EU 52 / EP 51) is a Natural Gas Fired Heater.

Notes: Contents of the gasoline additive tanks may be any volatile organic liquid, provided that the Reid Vapor Pressure (RVP) and the HAP content of the stored liquid are less than or equal to Jet Naphtha's RVP and HAP content.

II. Plant-Wide Conditions

Facility Name: Magellan Pipeline Co., LLC – Des Moines
Permit Number: 98-TV-019R4

Permit conditions are established in accord with 567 Iowa Administrative Code rule 24.108. When 567 IAC as amended May 15, 2024, and cited in this permit becomes State Implementation Plan (SIP) approved, it will supersede 567 IAC as amended February 8, 2023. Prior to May 15, 2024, all Title V rule citations in this Title V permit were found and cited in 567 IAC Chapter 22. During the period from May 15, 2024, to the date that 567 IAC as amended May 15, 2024, is approved into the SIP, both 567 IAC as amended May 15, 2024 and 567 IAC as amended February 8, 2023 form the legal basis for the applicable requirements included in this permit. A crosswalk showing the citation changes is attached to this permit in Appendix B.

Permit Duration

The term of this permit is: Five (5) years
Commencing on: Issue Date
Ending on: Issue Date + 5 years

Amendments, modifications and reopenings of the permit shall be obtained in accordance with 567 Iowa Administrative Code rules 24.110 - 24.114. Permits may be suspended, terminated, or revoked as specified in 567 Iowa Administrative Code Rules 24.115.

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): <20% opacity

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Sulfur Dioxide (SO_2): 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"
Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27

Particulate Matter: If the Polk County Health Officer determines that a process complying with the emission rates specified in Table 1 of Section 5-15 of Polk County Board of Health Rules and Regulations Chapter V is causing or will cause air pollution, the Polk County Health Officer will notify the source of such determination. Upon notification, the source shall not emit particulates in amounts greater than 0.10 grain per standard cubic foot of exhaust gas.

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-14(b)

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 on or 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"

Combustion for indirect heating: Inside any metropolitan statistical area, the maximum allowable emission from each stack, irrespective of stack height, shall be 0.6 pounds of particulates per million Btu input.

Authority for Requirement: 567 IAC 23.3(2)"b"(2)
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-15(b)

Fugitive Dust: It shall be unlawful for any person handling, loading, unloading, reloading, storing, transferring, transporting, placing, depositing, throwing, discarding, or scattering any ashes, fly ash, cinders, slag or dust collected from any combination process, any dust, dirt, chaff, wastepaper, trash, rubbish, waste or refuse matter of any kind, or any other substance or material whatever, which is likely to be scattered by the wind, or is susceptible to being wind-borne, to do so without taking reasonable precautions or measures to prevent particulate matter from becoming airborne so as to minimize atmospheric pollution.

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-24

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"

Plant-Wide Emission Limits
The atmospheric emissions from the facility shall not exceed the following:

Pollutant: Volatile Organic Compounds (VOCs)
Emission Rate (tons/yr): 392.92

Authority for Requirement: Polk County AQD Construction Permit # 2363 Modified #7

Pollutant: Single Hazardous Air Pollutants (SHAPs)
Emission Rate (tons/yr): 9.4

Authority for Requirement: Polk County AQD Construction Permit # 2363 Modified #7

Pollutant: Total Hazardous Air Pollutants (THAPs)
Emission Rate (tons/yr): 24.4

Authority for Requirement: Polk County AQD Construction Permit #s 2656 Modified, 2363 Modified #7

Plant-Wide HAP Content Sampling & HAP Actual Emissions Monitoring Requirements
Unless specified otherwise in the Emission Point-Specific Conditions, the following limitations and supporting regulations apply to all emission points at this facility:

A. The owner or operator shall conduct sampling of all the gasoline grades loaded at the Truck Loading Rack (EU 1) to determine the liquid phase Single HAP (SHAP) and Total HAP (THAP) content, in weight percent, for the following compounds:

(1) Benzene, ethylbenzene, hexane, toluene, 2,2,4-trimethylpentane, and xylenes.

B. The owner or operator shall conduct liquid phase sampling using ASTM Method D6729 (Detailed Hydrocarbon Analysis) at the time when any new or previously un-sampled gasoline grade is loaded at the Truck Loading Rack (EU 1). All gasoline grades must have a HAP analysis before loading at the Truck Loading Rack. If no new grades of gasoline are loading during the duration of this permit, no additional sampling is needed.
   (1) The owner or operator shall retain on-site the results from the most recent gasoline sampling.

C. The owner or operator shall calculate and record the vapor phase SHAP and THAP content, in weight percent for the HAPs listed in Permit Condition A.(1) using:
   (1) The highest liquid phase HAP content determined during the most recent gasoline sampling;
   (2) An average loading temperature of 51.64 degrees Fahrenheit; and
   (3) A vapor phase HAP calculation method approved by Polk County AQD.

D. The owner or operator shall conduct a monthly 12-month rolling HAP Emission Inventory (EI) of all significant emission units at the facility that have HAP potential to emit.
   (1) The monthly HAP EI shall determine the 12-monthly rolling tons per year emitted from the facility for each SHAP listed in permit Condition A.(1).
   (2) The monthly HAP EI shall determine the 12-monthly rolling tons per year emitted from the facility for THAP by summing the individual totals for each SHAP found in Permit Condition D.(1).

E. Records from Permit Conditions A. through D. shall be maintained on site for five (5) years and be made available to representatives of Polk County AQD.

F. If the 12-month rolling total emissions of an individual HAP at this facility exceeds 7.99 tons per rolling 12-month period, the facility shall maintain the following daily records:
   i. The total emissions of that individual HAP (tons) at this facility; and
   ii. The 365-day rolling total emissions of that individual HAP at this facility.

   Daily recordkeeping/calculations for individual HAP emissions shall continue until the 12-month rolling total amount of that individual HAP's emissions drops below 7.99 tons on the last day of a month. Monthly calculation of individual HAP emissions will then begin in the following month.

G. If the 12-month rolling total cumulative HAP emissions at this facility exceeds 20.74 tons per rolling 12-month period, the facility shall maintain the following daily records:
   i. The total cumulative HAP emissions (tons) at this facility; and
   ii. The 365-day rolling total amount of cumulative HAP emissions at this facility.

   Daily recordkeeping/calculations for cumulative HAP emissions shall continue until the 12-month rolling total amount of cumulative HAP emissions drops below 20.74 tons on the last day of a month. Monthly calculation of cumulative HAP emissions will then begin in the following month.

Authority for Requirement: 567 IAC 24.108(3)

40 CFR Part 63, Subpart BBBBBB - National Emission Standards for Hazardous Air Pollutants for Source Categories: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities

This facility is an existing affected source for 40 CFR 63 Subpart BBBBBB [National Emission Standards for Hazardous Air Pollutants for Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities (Area Source)] of the National Emission Standards for Hazardous Air Pollutants (NESHAP). As an existing source, this facility must comply with the standards in this subpart no later than January 10, 2011. The emission sources to which this subpart applies are gasoline storage tanks, gasoline loading racks, vapor collection-equipped gasoline cargo tanks, and equipment components in vapor or liquid gasoline service. (Refer to Appendix A for a link to the standard)

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article VIII, Section 5-20 (bbbbbb)
567 IAC 23.1(4) "eb"
40 CFR 63 Subpart BBBBBB

III. Emission Point-Specific Conditions

Facility Name: Magellan Pipeline Co., LLC – Des Moines
Permit Number: **98-TV-019R4**

Emission Point ID Number: 1

Associated Equipment

Emissions Control Equipment ID Number: CE 2
Emissions Control Equipment Description: John Zink Vapor Recovery Unit

---

Emission Unit vented through this Emission Point: 1
Emission Unit Description: Truck Loading Rack
Raw Material/Fuel: Gasoline, ethanol, distillate oil, and natural gas
Rated Capacity: 144,000 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 Limit: <20%

Authority for Requirement: Polk County AQD Construction Permit #2656 Modified
Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Pollutant: VOC
Emission Limits: 72.10 TPY
Concentration Limit: 5 milligrams of total organic compounds per liter of gasoline loaded

Authority for Requirement: Polk County AQD Construction Permit #2656 Modified

Pollutant: Total HAP
Emission Limit: 3.75 TPY

Authority for Requirement: Polk County AQD Construction Permit #2656 Modified

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The truck loading rack (EU 1/EP 1) shall be limited to a throughput of 750,000,000 gallons of gasoline, 388,186,800 gallons of distillates, and 90,000,000 gallons of natural gasoline per 12 month period, rolled monthly.
B. The owner or operator shall record monthly the throughput of each product loaded through the main truck loading rack (EU 1/EP 1). Said log shall include the rolling 12 month total, rolled monthly for each product.
C. The owner or operator shall calculate on a monthly basis the actual VOC and HAP emissions for EU 1/EP 1. Said log shall include the 12 month rolling total, rolled monthly of VOC and Total HAP emissions.
D. The owner or operator shall maintain said throughput and emission records for a minimum period of 5 years. Said records shall be maintained on site and made available to representatives of this agency upon request.

Authority for Requirement: Polk County AQD Construction Permit #2656 Modified

NSPS Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 60 subpart XX – *Standards of Performance for Bulk Gasoline Terminals That Commenced Construction, Modification, or Reconstruction After December 17, 1980, and On or Before June 10, 2022.*
   (1) The facility shall comply with the VOC standards of §60.502.
   (2) The facility shall comply with the test methods and procedures of §60.503.
   (3) The facility shall comply with the reporting and recordkeeping requirements of §60.505.

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.

Authority for Requirement: 40 CFR Part 60 Subpart XX
567 IAC 23.1(2)"pp"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-16(n)(42)
Polk County AQD Construction Permit #2656 Modified

NESHAP Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 63 Subpart BBBBBB – *National Emission Standards for Hazardous Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.*
   (1) The facility shall comply with the general duties to minimize emissions per §63.11085.

(2) The facility shall comply with the gasoline storage tank requirements of §63.11087.
(3) The facility shall comply with each* emission limit and management practice in Table 1 of this subpart per §63.11087(a).
(4) The facility shall comply with the gasoline loading rack requirements of §63.11088.
(5) The facility shall comply with each* emission limit and management practice in Table 2 of this subpart per §63.11088(a).
(6) The facility shall comply with the equipment leak inspection requirements of §63.11089.
(7) The facility shall comply with the testing and monitoring requirements of §63.11092.
(8) The facility shall comply with the notification requirements of §63.11093.
(9) The facility shall comply with the recordkeeping requirements of §63.11094.
(10) The facility shall comply with the reporting requirements of §63.11095.
(11) The facility shall comply with the general provisions in Table 4 of this subpart per §63.11098.
(12) EU 1 is subject to the monitoring requirements of 40 CFR 63 Subpart BBBBBB.
§63.11092 - What testing and monitoring requirements must I meet?
a. §63.11092(a) Each owner or operator of a bulk gasoline terminal subject to the emission standard in item 1(b) of Table 2 to this subpart must comply with the requirements in paragraphs (a) through (d) of this section.
i. §63.11092(a)(1) Conduct a performance test on the vapor processing and collection systems according to either paragraph (a)(1)(i) or (ii) of this section, except as provided in paragraphs (a)(2) through (4) of this section.
a. §63.11092(a)(1)(i) Use the test methods and procedures in § 60.503 of this chapter, except a reading of 500 parts per million shall be used to determine the level of leaks to be repaired under § 60.503(b) of this chapter.
b. §63.11092(a)(1)(ii) Use alternative test methods and procedures in accordance with the alternative test method requirements in § 63.7(f).
ii. §63.11092(a)(2) If you are operating your gasoline loading rack in compliance with an enforceable State, local, or tribal rule or permit that requires your loading rack to meet an emission limit of 80 milligrams (mg), or less, per liter of gasoline loaded (mg/l), you may submit a statement by a responsible official of your facility certifying the compliance status of your loading rack in lieu of the test required under paragraph (a)(1) of this section.
iii. §63.11092(a)(3) If you have conducted performance testing on the vapor processing and collection systems within 5 years prior to January 10, 2008, and the test is for the affected facility and is representative of current or anticipated operating processes and conditions, you may submit the results of such testing in lieu of the test required under paragraph (a)(1) of this section, provided the

testing was conducted using the test methods and procedures in § 60.503 of this chapter. Should the Administrator deem the prior test data unacceptable, the facility is still required to meet the requirement to conduct an initial performance test within 180 days of the compliance date specified in § 63.11083; thus, previous test reports should be submitted as soon as possible after January 10, 2008.

b. §63.11092(b) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall install, calibrate, certify, operate, and maintain, according to the manufacturer's specifications, a continuous monitoring system (CMS) while gasoline vapors are displaced to the vapor processor systems, as specified in paragraphs (b)(1) through (5) of this section. For each facility conducting a performance test under paragraph (a)(1) of this section, and for each facility utilizing the provisions of paragraphs (a)(2) or (a)(3) of this section, the CMS must be installed by January 10, 2011.

i. §63.11092(b)(1) For each performance test conducted under paragraph (a)(1) of this section, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in paragraphs (b)(1)(i) through (iv) of this section. During the performance test, continuously record the operating parameter as specified under paragraphs (b)(1)(i) through (iv) of this section.

a. §63.11092(b)(1)(ii) Where a refrigeration condenser system is used, a continuous parameter monitoring system (CPMS) capable of measuring temperature shall be installed immediately downstream from the outlet to the condenser section. Alternatively, a CEMS capable of measuring organic compound concentration may be installed in the exhaust air stream.

ii. §63.11092(b)(3) Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations.

iii. §63.11092(b)(4) Provide for the Administrator's approval the rationale for the selected operating parameter value, monitoring frequency, and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard in § 63.11088(a).

iv. §63.11092(b)(5) If you have chosen to comply with the performance testing alternatives provided under paragraph (a)(2) or paragraph (a)(3) of this section, the monitored operating parameter value may be determined according to the provisions in paragraph (b)(5)(i) or paragraph (b)(5)(ii) of this section.

a. §63.11092(b)(5)(i) Monitor an operating parameter that has been approved by the Administrator and is specified in your facility's current enforceable operating permit. At the time that the Administrator requires a new performance test, you must

determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

b. §63.11092(b)(5)(ii) Determine an operating parameter value based on engineering assessment and the manufacturer's recommendation and submit the information specified in paragraph (b)(4) of this section for approval by the Administrator. At the time that the Administrator requires a new performance test, you must determine the monitored operating parameter value according to the requirements specified in paragraph (b) of this section.

c. §63.11092(c) For performance tests performed after the initial test required under paragraph (a) of this section, the owner or operator shall document the reasons for any change in the operating parameter value since the previous performance test.

d. §63.11092(d) Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall comply with the requirements in paragraphs (d)(1) through (3) of this section.

i. §63.11092(d)(1) Operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the operating parameter value for the parameters described in paragraph (b)(1) of this section.

ii. §63.11092(d)(2) In cases where an alternative parameter pursuant to paragraph (b)(1)(iv) or (b)(5)(i) of this section is approved, each owner or operator shall operate the vapor processing system in a manner not to exceed or not to go below, as appropriate, the alternative operating parameter value.

iii. §63.11092(d)(3) Operation of the vapor processing system in a manner exceeding or going below the operating parameter value, as appropriate, shall constitute a violation of the emission standard in § 63.11088(a).

e. §63.11092(e) Each owner or operator of a bulk gasoline terminal subject to the emission standard in item 1(c) of table 2 to this subpart for loading racks must comply with the requirements in paragraphs (e)(1) through (4) of this section, as applicable.

i. §63.11092(e)(1) For each bulk gasoline terminal complying with the emission limitations in item 1 of table 3 to this subpart (thermal oxidation system), conduct a performance test no later than 180 days after becoming subject to the applicable emission limitation in table 3 and conduct subsequent performance tests at least once every 60 calendar months following the methods specified in § 60.503a(a) and (c) of this chapter. Prior to conducting this performance test, you must continue to meet the monitoring and operating limits that apply based on the previously conducted performance test. A previously conducted performance test may be used to satisfy this requirement if the conditions in paragraphs (e)(1)(i) through (v) of this section are met.

ii. §63.11092(e)(2) For each bulk gasoline terminal complying with the emission limitations in item 1 of table 3 to this subpart (thermal

oxidation system), comply with either the provisions in paragraph (e)(2)(i) or (ii) of this section.

iii. §63.11092(e)(2)(3) For each bulk gasoline terminal complying with the emission limitations in item 2 of table 3 to this subpart (flare), install, operate, and maintain flare continuous parameter monitoring systems as specified in in § 60.504a(c) of this chapter.

iv. §63.11092(e)(2)(4) For each bulk gasoline terminal complying with the emission limitation in item 3 of table 3 to this subpart (carbon adsorption system, refrigerated condenser, or other vapor recovery system), install, operate, and maintain a continuous emission monitoring system (CEMS) to measure the total organic compounds (TOC) concentration according to § 60.504a(b) of this chapter and conduct performance evaluations as specified in § 60.503a(a) and (d) of this chapter. For periods of CEMS outages, you may use the limited alternative monitoring methods as specified in § 60.504a(e) of this chapter.

f. §63.11092(f) Each owner or operator subject to the emission standard in § 63.11087 for gasoline storage tanks shall comply with the requirements in paragraphs (f)(1) through (3) of this section.

g. §63.11092(g) The annual certification test for gasoline cargo tanks shall consist of the test methods specified in paragraph (g)(1) or (2) of this section. Affected facilities that are subject to subpart XX to part 60 of this chapter may elect, after notification to the subpart XX delegated authority, to comply with paragraphs (g)(1) and (2) of this section.

i. §63.11092(g)(1) EPA Method 27 of appendix A-8 to part 60 of this chapter. Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (Pi) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (Vi) for the vacuum test shall be 150 mm of water (6 inches of water), gauge.

a. §63.11092(g)(1)(i) The maximum allowable pressure and vacuum changes (Δ p, Δ v) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

b. §63.11092(g)(1)(ii) No later than the dates specified in § 63.11083, the maximum allowable pressure and vacuum changes (Δ p, Δ v) for all affected gasoline cargo tanks is provided in column 3 of table 2 in § 63.425(e). The requirements in paragraph (g)(1)(i) of this section do not apply when demonstrating compliance with this paragraph (g)(1)(ii).

h. §63.11092(h) As an alternative to the pressure monitoring requirements in § 60.504a(d) of this chapter, you may comply with the pressure monitoring requirements in § 60.503(d) of this chapter during any performance test or performance evaluation conducted under § 63.11092(e) to demonstrate compliance with the provisions in § 60.502a(h) of this chapter.

i. §63.11092(i) Performance tests conducted for this subpart shall be conducted under such conditions as the Administrator specifies to the owner

or operator, based on representative performance (i.e., performance based on normal operating conditions) of the affected source. Performance tests shall be conducted under representative conditions when liquid product is being loaded into gasoline cargo tanks and shall include periods between gasoline cargo tank loading (when one cargo tank is disconnected and another cargo tank is moved into position for loading) provided that liquid product loading into gasoline cargo tanks is conducted for at least a portion of each 5 minute block of the performance test. You may not conduct performance tests during periods of malfunction. You must record the process information that is necessary to document operating conditions during the test and include in such record an explanation to support that such conditions represent normal operation. Upon request, the owner or operator shall make available to the Administrator such records as may be necessary to determine the conditions of performance tests.

Authority for Requirement: 40 CFR Part 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"
Polk County Board of Health Rules and Regulations Chapter V, Article VIII, Section 5-20 (bbbbbb)
Polk County AQD Construction Permit #2656 Modified
567 IAC 24.108(3)

*: "*each*" *means* "*each applicable*"

Table 2 to Subpart BBBBBB of Part 63 – Applicability Criteria, Emission Limits, and Management Practices for Loading Racks

If you own or operate…	**Then you must…**
1. A bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of 250,000 gallons per day, or greater ("large bulk gasoline terminal"). Gallons per day is calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing that sum by 365.	(a) Equip your loading rack(s) with a vapor collection system designed and operated to collect the TOC vapors displaced from cargo tanks during product loading; and (b) Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and (c) No later than the dates specified in § 63.11083, reduce emissions of TOC to the applicable limits in table 3 to this subpart. The requirements in item 1(b) do not apply when demonstrating compliance with this item; and (d) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing to another loading rack or lane; and (e) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight

	using the procedures specified in § 60.502(e) through (j) of this chapter. For the purposes of this section, the term "tank truck" as used in § 60.502(e) through (j).
2. A bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of less than 250,000 gallons per day. Gallons per day is calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing that sum by 365.	(a) Use submerged filling with a submerged fill pipe that is no more than 6 inches from the bottom of the cargo tank; and (b) Make records available within 24 hours of a request by the Administrator to document your gasoline throughput. (c) No later than the dates specified in § 63.11083, limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in § 60.502a(e) of this chapter and in § 63.11092(g).

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.

Authority for Requirement: 40 CFR 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"
Polk County Board of Health Rules and Regulations Chapter V, Article VIII, Section 5-20 (bbbbbb)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 20.5
Stack Opening, (inches, dia): 10, Circular
Exhaust Flow Rate (scfm): 1,604
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical, Obstructed

Authority for Requirement: Polk County AQD Construction Permit #2656 Modified

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 either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request 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.

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 24.108(3)

Emission Point ID Number: 1B

Associated Equipment

Emissions Control Equipment ID Number: CE 1
Emissions Control Equipment Description: Zeeco Model TFC-D-10 Vapor Combustor Unit

---

Emission Unit vented through this Emission Point: 1
Emission Unit Description: Truck Loading Rack
Raw Material/Fuel: Gasoline, ethanol, distillate oil, and natural gas
Rated Capacity: 144,000 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 Limit: <20%

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7
Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Pollutant: PM
Emission Limits: 0.10 gr/dscf

Authority for Requirement: 567 IAC 23.3(2)"a"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-14(b)

Pollutant: SO_2
Emission Limits: 500 ppmv

Authority for Requirement: 567 IAC 23.3(3)"e"
Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27

Pollutant: NO_x
Emission Limits: 0.30 lbs./hr and 1.30 TPY

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7

Pollutant: VOC
Emission Limits: 15.73 TPY
Concentration Limit: 35 milligrams of total organic compounds per liter of gasoline loaded

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-16(n)(42)
567 IAC 23.1(2)"pp"
40 CFR Part 60 Subpart XX - §60.502(b)

Pollutant: CO
Emission Limits: 0.76 lbs./hr and 3.32 TPY

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7

Pollutant: Total HAP
Emission Limit: 0.896 TPY

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The Vapor Combustor Unit (CE 1) shall only be used when the Vapor Recovery Unit (CE 2) is down for maintenance, repairs and/or emergencies.
B. The owner/operator shall record the following information whenever CE 1 is operated: Date and Time CE 1 is placed into operation; duration of time CE 1 is operated; description of why CE 1 was placed into operation.
C. The truck loading rack (EU 1) shall be limited to a throughput of 750,000,000 gallons of gasoline, 388,186,800 gallons of distillates, and 90,000,000 gallons of natural gasoline per 12 month period, rolled monthly.
D. As part of the above stated throughput limits the owner or operator shall not load more than 66,578,000 gallons of gasoline, 388,186,800 gallons of distillates, and 10,411,095 gallons of natural gasoline during any 12 month period rolled monthly, through EU 1, when the Vapor Combustor Unit (CE 1) is being used as the control device.
E. VOC emissions from the Vapor Combustor Unit (CE 1) shall not exceed 35 mg per liter of gasoline loaded.
F. The owner or operator shall record monthly the throughput of each product loaded through the main truck loading rack (EU 1). Said log shall include the rolling 12 month total, rolled monthly for each product.
G. The owner or operator shall calculate on a monthly basis the actual VOC and HAP emissions for EU 1. Said log shall include the 12 month rolling total, rolled monthly of VOC and HAP emissions.
H. The owner or operator shall record monthly the throughput of each product loaded through the main truck loading rack (EU 1) when the vapor combustor unit (CE 1) is

operated. Said log shall include the rolling 12 month total, rolled monthly for each product.

I. The owner or operator shall maintain said throughput and emission records for a minimum period of 5 years. Said records shall be maintained on site and made available to representatives of this agency upon request.

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7

NSPS Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 60 subpart XX – *Standards of Performance for Bulk Gasoline Terminals That Commenced Construction, Modification, or Reconstruction After December 17, 1980, and On or Before June 10, 2022.*
   (1) The facility shall comply with the VOC standards of §60.502.
   (2) The facility shall comply with the test methods and procedures of §60.503.
   (3) The facility shall comply with the reporting and recordkeeping requirements of §60.505.

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.

Authority for Requirement: 40 CFR Part 60 Subpart XX
567 IAC 23.1(2)"pp"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-16(n)(42)
Polk County AQD Construction Permit #1250 Modified #7

NESHAP Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 63 Subpart BBBBBB – *National Emission Standards for Hazardous Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.*
   (1) The facility shall comply with the general duties to minimize emissions per §63.11085.
   (2) The facility shall comply with the gasoline storage tank requirements of §63.11087.
   (3) The facility shall comply with each* emission limit and management practice in Table 1 of this subpart per §63.11087(a).
   (4) The facility shall comply with the gasoline loading rack requirements of §63.11088.
   (5) The facility shall comply with each* emission limit and management practice in Table 2 of this subpart per §63.11088(a).
   (6) The facility shall comply with the equipment leak inspection requirements of §63.11089.
   (7) The facility shall comply with the testing and monitoring requirements of §63.11092.
   (8) The facility shall comply with the notification requirements of §63.11093.

(9) The facility shall comply with the recordkeeping requirements of §63.11094.
(10) The facility shall comply with the reporting requirements of §63.11095.
(11) The facility shall comply with the general provisions in Table 4 of this subpart per §63.11098.
(12) EU 1 is subject to the monitoring requirements of 40 CFR 63 Subpart BBBBBB. The vapor combustion unit (CE 1) shall be monitored as required by §63.11092(b)(1)(iii)(B), which describes alternative monitoring requirements for thermal oxidizers other than flares.
(13) §63.11092(b)(1)(iii)(B)(1) The presence of a thermal oxidation system pilot flame shall be monitored using a heat-sensing device, such as an ultraviolet beam sensor or a thermocouple, installed in proximity of the pilot light, to indicate the presence of a flame. The heat-sensing device shall send a positive parameter value to indicate that the pilot flame is on, or a negative parameter value to indicate that the pilot flame is off.
(14) §63.11092(b)(1)(iii)(B)(2) The facility shall develop and submit a monitoring and inspection plan that describes the approach for meeting the monitoring requirements in paragraphs (b)(1)(iii)(B)(2)(i) through (v) of this section.

Authority for Requirement: 40 CFR Part 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"
Polk County Board of Health Rules and Regulations Chapter V, Article VIII, Section 5-20 (bbbbbb)
Polk County AQD Construction Permit #2656 Modified
567 IAC 24.108(3)

*: "*each*" *means* "*each applicable*"

Table 2 to Subpart BBBBBB of Part 63 – Applicability Criteria, Emission Limits, and Management Practices for Loading Racks

If you own or operate…	**Then you must…**
1. A bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of 250,000 gallons per day, or greater ("large bulk gasoline terminal"). Gallons per day is calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing that sum by 365.	(a) Equip your loading rack(s) with a vapor collection system designed and operated to collect the TOC vapors displaced from cargo tanks during product loading; and (b) Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack; and (c) No later than the dates specified in § 63.11083, reduce emissions of TOC to the applicable limits in table 3 to this subpart. The requirements in item 1(b) do not apply when demonstrating compliance with this item; and (d) Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from

	passing to another loading rack or lane; and (e) Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in § 60.502(e) through (j) of this chapter. For the purposes of this section, the term "tank truck" as used in § 60.502(e) through (j).
2. A bulk gasoline terminal loading rack(s) with a gasoline throughput (total of all racks) of less than 250,000 gallons per day. Gallons per day is calculated by summing the current day's throughput, plus the throughput for the previous 364 days, and then dividing that sum by 365.	(a) Use submerged filling with a submerged fill pipe that is no more than 6 inches from the bottom of the cargo tank; and (b) Make records available within 24 hours of a request by the Administrator to document your gasoline throughput. (c) No later than the dates specified in § 63.11083, limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in § 60.502a(e) of this chapter and in § 63.11092(g).

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.

Authority for Requirement: 40 CFR 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"
Polk County Board of Health Rules and Regulations Chapter V, Article VIII, Section 5-20 (bbbbbb)

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 30
Stack Opening, (inches, dia.): 144, Circular
Exhaust Flow Rate (scfm): 515
Exhaust Temperature (°F): 1,750
Discharge Style: Vertical, Obstructed

Authority for Requirement: Polk County AQD Construction Permit #1250 Modified #7

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 either the temperature or flowrate above are different than the values stated, the owner or operator shall submit a request 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.

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 24.108(3)

Emission Point ID Numbers: 2 thru 46; 58a; 62 thru 64; 69; 76; 79 thru 83

EP/EU ID #	Tank #	Emission Unit Description	Tank Contents	Throughput Limits per 12 Month Rolling Totals	Applicable 40 CFR 60 Subparts	Date of Construction
2	419	252,000 gallon, Domed External Floating Roof	Gasoline	26,208,000 gallon/12 mo	N/A	1933
3	420	252,000 gallon, Domed External Floating Roof	Natural Gasoline	26,208,000 gallon/12 mo	N/A	1933
4	511	504,000 gallon, Domed External Floating Roof	Gasoline	52,416,000 gallon/12 mo	N/A	1937
5	616	714,000 gallon, Domed External Floating Roof	Gasoline	74,256,000 gallon/12 mo	N/A	1931
6	617	714,000 gallon, Domed External Floating Roof	Gasoline	74,256,000 gallon/12 mo	N/A	1931
7	618	714,000 gallon, Domed External Floating Roof	Natural Gasoline	74,256,000 gallon/12 mo	N/A	1931
8	619	714,000 gallon, Domed External Floating Roof	Gasoline	74,256,000 gallon/12 mo	N/A	1931
9	620	714,000 gallon, Domed External Floating Roof	Gasoline	74,256,000 gallon/12 mo	N/A	1931
10	621	714,000 gallon, Domed External Floating Roof	Gasoline	74,256,000 gallon/12 mo	N/A	1931
11	622	714,000 gallon, Domed External Floating Roof	Natural Gasoline	74,256,000 gallon/12 mo	N/A	1931
12	643	714,000 gallon, Domed External Floating Roof	Gasoline	111,384,000 gallon/12 mo	N/A	1931
13	648	714,000 gallon, Domed External Floating Roof	Gasoline	111,384,000 gallon/12 mo	N/A	1931
14	651	840,000 gallon, Domed External Floating Roof	Gasoline	87,360,000 gallon/12 mo	N/A	1937

EP/EU ID #	Tank #	Emission Unit Description	Tank Contents	Throughput Limits per 12 Month Rolling Totals	Applicable 40 CFR 60 Subparts	Date of Construction
15	736	1,260,000 gallon, Domed External Floating Roof	Gasoline	262,080,000 gallon/12 mo	N/A	1932
16	737	1,260,000 gallon, Domed External Floating Roof	Gasoline	262,080,000 gallon/12 mo	N/A	1932
17	738	1,260,000 gallon, Domed External Floating Roof	Gasoline	262,080,000 gallon/12 mo	N/A	1932
18	739	1,260,000 gallon Domed External Floating Roof	Gasoline	262,080,000 gallon/12 mo	N/A	1932
19	747	1,554,000 gallon, Domed External Floating Roof	Natural Gasoline	161,616,000 gallon/12 mo	N/A	1937
20	748	1,554,000 gallon, Domed External Floating Roof	Gasoline	161,616,000 gallon/12 mo	N/A	1937
21	749	1,554,000 gallon, Domed External Floating Roof	Gasoline	377,622,000 gallon/12 mo	N/A	1937
22	770	1,512,000 gallon, Internal Floating Roof	Gasoline	157,248,000 gallon/12 mo	N/A	1947
23	771	1,512,000 gallon, Internal Floating Roof	Natural Gasoline	157,248,000 gallon/12 mo	N/A	1947
24	772	1,512,000 gallon, Internal Floating Roof	Gasoline	157,248,000 gallon/12 mo	N/A	1947
25	773	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
26	774	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
27	775	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
28	776	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
29	777	1,512,000 gallon, Internal Floating Roof	Gasoline	157,248,000 gallon/12 mo	N/A	1947

EP/EU ID #	Tank #	Emission Unit Description	Tank Contents	Throughput Limits per 12 Month Rolling Totals	Applicable 40 CFR 60 Subparts	Date of Construction
30	778	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
31	779	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
32	780	1,512,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1947
33	803	3,360,000 gallon, Domed external floating roof	Natural Gasoline	349,440,000 gallon/12 mo	N/A	1931
34	804	3,360,000 gallon, Domed external floating roof	Gasoline	349,440,000 gallon/12 mo	N/A	1931
35	836	3,234,000 gallon, Internal Floating Roof	Gasoline	336,336,000 gallon/12 mo	N/A	1971
36	837	3,234,000 gallon, Internal Floating Roof	Gasoline	336,336,000 gallon/12 mo	N/A	1971
37	838	3,234,000 gallon, Internal Floating Roof	Gasoline	336,336,000 gallon/12 mo	N/A	1971
38	839	3,402,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1971
39	840	3,402,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1971
40	1307	1,680,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1949
41	1308	1,680,000 gallon, Internal Floating Roof	Gasoline	174,720,000 gallon/12 mo	N/A	1949
42	1309	1,680,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1949
43	1310	1,680,000 gallon, Internal Floating Roof	Gasoline	174,720,000 gallon/12 mo	N/A	1949
44	1311	1,680,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	1949

EP/EU ID #	Tank #	Emission Unit Description	Tank Contents	Throughput Limits per 12 Month Rolling Totals	Applicable 40 CFR 60 Subparts	Date of Construction
45	1507	6,300,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	K	04/1978
46	1508	2,562,000 gallon, Vertical Fixed Roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	K	1975
58a	1004	1,250,000 gallon, Spherical Shape, Vertical Fixed Roof	Jet Kerosene	130,000,000 gal/12 mo	N/A	2012
62	1150	4,200,000 gallon, Internal Floating Roof	Natural Gasoline	436,800,000 gal/12 mo	Kb	Modified 1999
63	1151	4,200,000 gallon, Internal Floating Roof	Natural Gasoline	436,800,000 gal/12 mo	Kb	Modified 1999
64	1152	4,200,000 gallon, Internal Floating Roof	Natural Gasoline	436,800,000 gal/12 mo	Kb	Modified 1999
69	1140	5,499,984 gallon, Vertical fixed roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	Modified 2013
79	3150	19,603,500 gallon, Vertical fixed roof	Jet Kerosene	*6,098,442,336 gallon/12 mo combined limit	N/A	2012
80	2700	12,921,300 gallon, Cone roof & internal floating roof	Gasoline	1,343,815,200 gal/12 mo	Kb	2012
81	2701	12,921,300 gallon, Cone roof & internal floating roof	Gasoline	1,343,815,200 gal/12 mo	Kb	2014
82	2702	12,921,300 gallon, Cone roof & internal floating roof	Gasoline	1,397,760,000 gal/12 mo	Kb	2016
83	2703	12,921,300 gallon, Cone roof & internal floating roof	Gasoline	1,397,760,000 gal/12 mo	Kb	2016
76	N/A	Tank Roof Landings	N/A	N/A	N/A	N/A

Actual Tank contents may be the material listed above, or other volatile organic liquid, provided that the material has both:

a) equal or less volatility, and
b) equal or less amount of HAPs

Applicable Requirements

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

The combined emissions from these emission points shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: See Plant-Wide Conditions

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7

Pollutant: Single HAP
Emission Limit: See Plant-Wide Conditions

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7

Pollutant: Total HAP
Emission Limit: See Plant-Wide Conditions

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. Releases of emissions of the following do not need to be reported as excess emissions if the emissions do not cause an exceedance of the permitted emission limit and are accounted for and included in the Title V Annual Emission Inventory:
   (1) Less than 5 tons of VOC or
   (2) 2500 pounds of THAPs except for "high risk pollutants" or
   (3) 1000 pounds of any SHAP except "high risk pollutants" or
   (4) 250 pounds of combination of "high risk pollutants" or
   (5) 100 pounds of any individual "high risk pollutants"

B. The facility shall not exceed the throughput limits listed in the Emission Unit Table included with this permit. Throughput limits are for a 12-month rolling period, rolled monthly.

C. Emission Units 25, 26, 27, 28, 30, 31, 32, 38, 39, 40, 42, 44, 45, 46, 69, and 79 shall be limited to a combined throughput total of 6,098,442,336 gallons per 12-month period, rolled monthly.

D. Emission Unit 58a (Tank 1004) shall be limited to a throughput total of 130,000,000 gallons per 12-month period, rolled monthly.

E. Throughput records shall be kept on monthly basis for each individual tank. Records shall include the monthly total and 12-month rolling total. Records shall be kept on site for 5 years and be made available to representatives of this agency upon request.

F. The facility shall calculate and record monthly the total facility actual VOC and HAP emissions and the rolling 12-month of each. HAP records shall be per individual HAP and for Total HAPs. These records shall be kept on site for 5 years and be made available to representatives of this agency upon request.

G. For Roof Landings:
   (1) The facility shall not exceed 26 roof landings for RVP change in any 12-month period.
   (2) No single roof landing shall last more than 72 hours.
   (3) The facility may apply to Polk County AQD for an extension to the 72-hour landing event limit or for increase in the number of landing events provided that the emissions from the event will not cause an exceedance of the facility wide emission limit and the emissions are accounted for in the facility's Title V Annual Emission Inventory Statement.
   (4) The facility shall record each roof landing event. Records shall include tank number, product stored prior to roof landing, product stored after roof landing, date roof landing commenced, and the date the tank was placed back into service. Said record shall be kept on site for 5 years and be made available to representatives of this agency upon request.

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7

NSPS Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 60 Subpart K – *Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978.*

   For EP 45 (Tank 1507) and EP 46 (1508):

   (1) The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of an affected facility; any malfunction of the pair pollution control equipment; or any periods during which a continuous monitoring system or monitoring device is inoperative per 40 CFR 60.7(b).
   (2) The permittee shall submit an excess emissions and monitoring systems performance report to the Department and Administrator in accordance with 40 CFR 60.7(c). The summary report form shall contain the information and format required in 40 CFR 60.7(d).
   (3) Notwithstanding the frequency of reporting requirements in the prior permit conditions, the permittee may reduce the frequency of reporting of excess emissions and monitoring system performance reports pursuant to 40 CFR 60.7(e).
   (4) At all times, including periods of startup, shutdown, and malfunction, the permittee shall, to the extent practicable, maintain and operate any affected facility including associated air pollution control equipment in a manner consistent with good air pollution control practice for minimizing emissions. Determinations of whether acceptable operating and maintenance procedures are being used will be based on information available to the Administrator which may include, but is not limited to, monitoring results, opacity observations, review of operating and maintenance procedures, and inspection of the source per 40 CFR 60.11(d).

(5) The permittee shall not build, erect, install, or use any article, machine, equipment, or process, the use of which conceals an emission which would otherwise constitute a violation of an applicable standard. Such concealment includes, but is not limited to, the use of gaseous diluents to achieve compliance with an opacity standard or with a standard which is based on the concentration of a pollutant in the gases discharged to the atmosphere per 40 CFR 60.12.

(6) The permittee shall maintain a record of the liquid stored, throughput of the liquid, period of storage, and the true vapor pressure of the liquid stored on a continuous basis. Records of this information shall be kept on site and be made available upon request. Emissions shall be reported with the annual Emissions Inventory. The petroleum liquid stored shall have a true vapor pressure of less than 1.5 psia.

B. The owner or operator shall comply with all applicable requirements of 40 CFR 60 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, and On or Before October 4, 2023.* For EP 62 (Tank 1150), EP 63 (Tank 1151), EP 64 (Tank 1152), EP 80 (Tank 2700), EP 81 (Tank 2701), EP 82 (Tank 2702) and EP 83 (Tank 2703):

(1) 40 CFR §60.112b Standard for volatile organic compounds (VOC)

a. §60.112b(a)(1) A fixed roof in combination with an internal floating roof meeting the following specifications:

i. §60.112b(a)(1)(i) The internal floating roof shall rest or float on the liquid surface (but not necessarily in complete contact with it) inside a storage vessel that has a fixed roof. The internal floating roof shall be floating on the liquid surface at all times, except during initial fill and during those intervals when the storage vessel is completely emptied or subsequently emptied and refilled. When the roof is resting on the leg supports, the process of filling, emptying, or refilling shall be continuous and shall be accomplished as rapidly as possible.

ii. §60.112b(a)(1)(ii) Each internal floating roof shall be equipped with one of the following closure devices between the wall of the storage vessel and the edge of the internal floating roof:

a. §60.112b(a)(1)(ii)(B) Two seals mounted one above the other so that each forms a continuous closure that completely covers the space between the wall of the storage vessel and the edge of the internal floating roof. The lower seal may be vapor-mounted, but both must be continuous.

iii. §60.112b(a)(1)(iii) Each opening in a noncontact internal floating roof except for automatic bleeder vents (vacuum breaker vents) and the rim space vents is to provide a projection below the liquid surface.

iv. §60.112b(a)(1)(iv) Each opening in the internal floating roof except for leg sleeves, automatic bleeder vents, rim space vents, column wells, ladder wells, sample wells, and stub drains is to be equipped with a cover or lid which is to be maintained in a closed position at all times (i.e., no visible gap) except when the device is in actual use. The cover or lid shall be equipped with a gasket. Covers on each access

hatch and automatic gauge float well shall be bolted except when they are in use.

v. §60.112b(a)(1)(v) Automatic bleeder vents shall be equipped with a gasket and are to be closed at all times when the roof is floating except when the roof is being floated off or is being landed on the roof leg supports.

vi. §60.112b(a)(1)(vi) Rim space vents shall be equipped with a gasket and are to be set to open only when the internal floating roof is not floating or at the manufacturer's recommended setting.

vii. §60.112b(a)(1)(vii) Each penetration of the internal floating roof for the purpose of sampling shall be a sample well. The sample well shall have a slit fabric cover that covers at least 90 percent of the opening.

viii. §60.112b(a)(1)(viii) Each penetration of the internal floating roof that allows for passage of a column supporting the fixed roof shall have a flexible fabric sleeve seal or a gasketed sliding cover.

ix. §60.112b(a)(1)(ix) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

(2) 40 CFR §60.113b Testing and procedures.

a. §60.113b(a) After installing the control equipment required to meet §60.112(a)(1) (permanently affixed roof and internal floating roof), each owner or operator shall:

i. §60.113b(a)(1) Visually inspect the internal floating roof, the primary seal, and the secondary seal (if one is in service), prior to filling the storage vessel with VOL. If there are holes, tears, or other openings in the primary seal, the secondary seal, or the seal fabric or defects in the internal floating roof, or both, the owner or operator shall repair the items before filling the storage vessel.

ii. §60.113b(a)(2) For Vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal or the secondary seal (if one is in service) through manholes and roof hatches on the fixed roof at least once every 12 months after initial fill. If the internal floating roof is not resting on the surface of the VOL inside the storage vessel, or there is liquid accumulated on the roof, or the seal is detached, or there are holes or tears in the seal fabric, the owner or operator shall repair the items or empty and remove the storage vessel from service within 45 days. If a failure that is detected during inspections required in this paragraph cannot be repaired within 45 days and if the vessel cannot be emptied within 45 days, a 30-day extension may be requested from the Administrator in the inspection report required in §60.115b(a)(3). Such a request for an extension must document that alternate storage capacity is unavailable and specify a schedule of actions the company will take that will assure that the control equipment will be repaired or the vessel will be emptied as soon as possible.

iii. §60.113b(a)(3) For vessels equipped with a double-seal system as specified in §60.112b(a)(1)(ii)(B):

a. §60.113b(a)(3)(i) Visually inspect the vessel as specified in paragraph (a)(4) of this section at least every 5 years; or
b. §60.113b(a)(3)(ii) Visually inspect the vessel as specified in paragraph (a)(2) of this section.

iv. §60.113b(a)(4) Visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the owner or operator shall repair the items as necessary so that none of the conditions specified in this paragraph exist before refilling the storage vessel with VOL. In no event shall inspections conducted in accordance with this provision occur at intervals greater than 10 years in the case of vessels conducting the annual visual inspection as specified in paragraphs (a)(2) and (a)(3)(ii) of this section and at intervals no greater than 5 years in the case of vessels specified in paragraph (a)(3)(i) of this section.

v. §60.113b(a)(5) Notify the Administrator in writing at least 30 days prior to the filling or refilling of each storage vessel for which an inspection is required by paragraphs (a)(1) and (a)(4) of this section to afford the Administrator the opportunity to have an observer present. If the inspection required by paragraph (a)(4) of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the tank, the owner or operator shall notify the Administrator at least 7 days prior to the refilling of the storage vessel. Notification shall be made by telephone immediately followed by written documentation demonstrating why the inspection was unplanned. Alternatively, this notification including the written documentation may be made in writing and sent by express mail so that it is received by the Administrator at least 7 days prior to the refilling.

(3) 40 CFR §60.115b Reporting and recordkeeping requirements.

a. §60.115b(a) After installing control equipment in accordance with §60.112b(a)(1) (fixed roof and internal floating roof), the owner or operator shall meet the following requirements.

i. §60.115b(a)(1) Furnish the Administrator with a report that describes the control equipment and certifies that the control equipment meets the specifications of § 60.112b(a)(1) and § 60.113b(a)(1). Prior to October 15, 2024, this report shall be an attachment to the notification required by § 60.7(a)(3). Beginning October 15, 2024, the owner or operator must submit all subsequent reports in PDF format following the procedures specified in paragraph (e) of this section.

ii. §60.115b(a)(2) Keep a record of each inspection performed as required by §60.113b (a)(1), (a)(2), (a)(3), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

iii. §60.115b(a)(3) If any of the conditions described in §60.113b(a)(2) are detected during the annual visual inspection required by §60.113b(a)(2), a report shall be furnished to the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied or the nature of and date the repair was made. Beginning October 15, 2024, all subsequent reports must be submitted in PDF format following the procedures in paragraph (e) of this section.

iv. §60.115b(a)(4) After each inspection required by §60.113b(a)(3) that finds holes or tears in the seal or seal fabric, or defects in the internal floating roof, or other control equipment defects listed in § 60.113b(a)(3)(ii), a report shall be furnished to the Administrator within 30 days of the inspection. The report shall identify the storage vessel and the reason it did not meet the specifications of §60.112b(a)(1) or §60.113b(a)(3) and list each repair made. Beginning October 15, 2024, all subsequent reports must be submitted in PDF format following the procedures in paragraph (e) of this section.

(4) 40 CFR §60.116b Monitoring of operations.

a. §60.116b(a) The owner or operator shall keep copies of all records required by this section, except for the record required by paragraph (b) of this section, for at least 2 years. The record required by paragraph (b) of this section will be kept for the life of the source.

b. §60.116b(b) The owner or operator of each storage vessel as specified in §60.110b(a) shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. Each storage vessel with a design capacity less than 75 m^3 is subject to no provision of this subpart other than those required by this paragraph.

c. §60.116b(c) Except as provided in paragraphs (f) and (g) of this section, the owner or operator of each storage vessel either with a design capacity greater than or equal to 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 3.5 kPa or with a design capacity greater than or equal to 75 m^3 but less than 151 m^3 storing a liquid with a maximum true vapor pressure greater than or equal to 15.0 kPa shall maintain a record of the VOL stored, the period of storage, and the maximum true vapor pressure of that VOL during the respective storage period.

d. §60.116b(e) Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below.

i. §60.116b(e)(1) For vessels operated above or below ambient temperatures, the maximum true vapor pressure is calculated based upon the highest expected calendar-month average of the storage

temperature. For vessels operated at ambient temperatures, the maximum true vapor pressure is calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service.

ii. §60.116b(e)(2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:

a. §60.116b(e)(2)(i) Available data on the Reid vapor pressure and the maximum expected storage temperature based on the highest expected calendar-month average temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517 (incorporated by reference-see §60.17), unless the Administrator specifically requests that the liquid be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s).

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.

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7
40 CFR Part 60 Subpart K
567 IAC 23.1(2)"bb"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Sec. 5-16(n)(28)
40 CFR 60 Subpart Kb
567 IAC 23.1(2)"ddd"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Sec. 5-16(n)(56)

NESHAP Requirements:

A. The owner or operator shall comply with all applicable requirements of 40 CFR 63 Subpart BBBBBB – *National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities.*

For Gasoline Storage Tanks:

(1) Per §63.11085(a), you must, 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. The general duty to minimize emissions does not require the owner or operator to make any further efforts to reduce emissions if levels required by the applicable standard have been achieved. Determination of whether such operation and maintenance procedures are being used will be based on information available to the Administrator, 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.

(2) Per §63.11085(b), you must not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. Measures to be taken include, but are not limited to, the following:
   a. §63.11085(b)(1) Minimize gasoline spills;
   b. §63.11085(b)(2) Clean up spills as expeditiously as practicable;
   c. §63.11085(b)(3) Cover all open gasoline containers and all gasoline storage tank fill-pipes with a gasketed seal when not in use; and
   d. §63.11085(b)(4) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

(3) Per §63.11085(c), you must keep applicable records and submit reports as specified in §§ 63.11094(g) and 63.11095(d) or § 63.11095(e).

(4) Per §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.

(5) Per §63.11087(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.

(6) Per §63.11087(c), you must comply with the applicable testing and monitoring requirements specified in §63.11092(e).

(7) Per §63.11087(d), you must submit the applicable notifications as required under §63.11093.

(8) Per §63.11087(e), you must keep records and submit reports as specified in §63.11094 and §63.11095.

(9) Per §63.11087(f), if your gasoline storage tank is subject to, and complies with, the control requirements of 40 CDR 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).

(10) Per §63.11093(a), each owner or operator of an affected source under this subpart must submit an Initial Notification as specified in §63.9(b). If your facility is in compliance with the requirements of this subpart at the time the Initial Notification is due, the Notification of Compliance Status required under paragraph (b) of this section may be submitted in lieu of the Initial Notification.

(11) Per §63.11093(b), each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in §63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to this subpart is used to comply with this subpart.

(12) Per §63.11093(c), each owner or operator of an affected bulk gasoline terminal under this subpart must submit a Notification of Performance Test, as specified in §63.9(e), prior to initiating testing required by §63.11092(a) or §63.11092(b).

(13) Per §63.11093(d), each owner or operator of an affected source under this subpart must submit additional notification specified in §63.9, as applicable.

(14) The owner or operator shall meet the record keeping requirements of §63.11094.

(15) The owner or operator shall meet the reporting requirements of §63.11095.

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.

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7
40 CFR 63 Subpart BBBBBB
567 IAC 23.1(4)"eb"
Polk County Board of Health Rules and Regulations
Chapter V, Article VIII, Section 5-20 (bbbbbb)

Emission Point Characteristics

The emission points shall conform to the specifications listed below.

Stack Parameter	EP 79	EP 80	EP 81	EP 82	EP 83
Stack Height, (ft, from ground)	64.5	64.5	64.5	64.5	64.5
Stack Opening, (inches, dia.)	24, Circular	12, Circular	12, Circular	6 X 24, Rectangular	6 X 24, Rectangular
Exhaust Flow Rate (scfm)	N/A	N/A	N/A	N/A	N/A
Exhaust Temperature (°F)	Ambient	Ambient	Ambient	Ambient	Ambient
Discharge Style	Vertical, obstructed	Downward	Downward	Horizontal	Horizontal

Authority for Requirement: Polk County AQD Construction Permit #2363 Modified #7

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: 51

Emission Units vented through this Emission Point: 51
Emission Unit Description: Transmix Fractionator^{+}
Raw Material/Fuel: Natural Gas
Rated Capacity: 6.46 MMBtu/Hr
Magellan states that the Transmix Fractionator^{+} (EU 51 / EP 51) is a Natural Gas Fired Heater.

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 Limit: <20%

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Pollutant: PM
Emission Limit: 0.6 lb/MMBtu

Authority for Requirement: 567 IAC 23.3(2)"b"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-15(b)

Pollutant: SO_2
Emission Limit: 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"
Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27(5)

Pollutant: NO_x
Emission Limit: 0.594 lbs./hr and 2.60 TPY

Authority for Requirement: Polk County AQD Construction Permit #0627

Pollutant: CO
Emission Limit: 0.239 lbs./hr and 1.05 TPY

Authority for Requirement: Polk County AQD Construction Permit #0627

Pollutant: VOC
Emission Limit: 0.162 lbs./hr and 0.710 TPY

Authority for Requirement: Polk County AQD Construction Permit #0627

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The permittee shall perform instrumental leak checks at all pump seals, valves, and flanges on a monthly basis.
B. Records of leak checks shall be maintained on site for 5 years and be made available to representatives of Polk County AQD upon request.

Authority for Requirement: Polk County AQD Construction Permit #0627

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 24.108(3)

Emission Point ID Number: 56

Emission Units vented through this Emission Point: 56
Emission Unit Description: Railcar Loading Rack
Raw Material/Fuel: Distillate Oil
Rated Capacity: 16,250 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 Limit: No Visible Emissions
Authority for Requirement: Polk County AQD Construction Permit #1229 Modified

Pollutant: VOC
Emission Limit: 2.089 TPY
Authority for Requirement: Polk County AQD Construction Permit #1229 Modified

Pollutant: Total HAP
Emission Limit: 0.109 TPY
Authority for Requirement: Polk County AQD Construction Permit #1229 Modified

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The only product to be loaded at the railcar loading rack (EU 56) shall be fuel oil.
B. The maximum amount of product to be loaded over the entire rack (EU 56) shall be 142,350,000 gallons per 12 month period, rolled monthly.
C. The owner or operator shall calculate and record monthly the monthly throughput and 12 month rolling total of product loaded and associated emissions of EU 56.
D. Records shall be kept on site for a period of 5 years and shall be made available to representatives of Polk County AQD upon request.
E. Potential emission limits are based on AP-42 Section 5.2-Transportation and Marketing of Petroleum Liquids and include a +30% probable error factor per Section 5.2.2.1.1. The 30% probable error is not required to be included in actual emission calculations unless specifically directed to do so by a regulatory agency or rule.
F. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #1229 Modified

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 13.7
Stack Opening, (inches, dia.): 20, Circular
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical, Unobstructed

Authority for Requirement: Polk County AQD Construction Permit #1229 Modified

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: 72

Emission Unit vented through this Emission Point: 72
Emission Unit Description: Transmix Distillation Unit (fractionator)
Raw Material/Fuel: Transmix *(distillate oil & gasoline mixture)*
Rated Capacity: 1,250 lbs./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 Limit: No Visible Emissions

Authority for Requirement: Polk County AQD Construction Permit #2001

Pollutant: VOC
Emission Limits: 3.65 TPY

Authority for Requirement: Polk County AQD Construction Permit #2001

Pollutant: Single HAP (Hexane)
Emission Limits: 0.06 TPY

Authority for Requirement: Polk County AQD Construction Permit #2001

Pollutant: Total HAP
Emission Limits: 0.19 TPY

Authority for Requirement: Polk County AQD Construction Permit #2001

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2001

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 43.5
Stack Opening, (inches, dia.): 4, Circular
Exhaust Flow Rate (scfm): Variable
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical, Unobstructed

Authority for Requirement: Polk County AQD Construction Permit #2001

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: 73

Emission Unit vented through this Emission Point: 73
Emission Unit Description: Butane Unloading and Blending Operations including:
(2) 55,000 gallon storage tanks, (2) 65,000 gallon storage tanks,
(2) butane-truck loading positions, and (1) Knock-out tank
Raw Material/Fuel: Butane
Rated Capacity: 3,500 truck unloading/loading events per year

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit: No Visible Emissions

Authority for Requirement: Polk County AQD Construction Permit #2111 Modified #3

Pollutant: VOC
Emission Limit: 3.45 TPY

Authority for Requirement: Polk County AQD Construction Permit #2111 Modified #3

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The facility shall not exceed 3,500 butane-truck unloading/loading events per twelve month period, rolled monthly.
B. The facility shall record on a monthly basis the number of butane-truck unloading events. This record shall contain the twelve month rolling total.
C. The facility shall not exceed 6 line providing (maintenance) events per twelve month period, rolled monthly. Total butane lost from sampling and line proving (maintenance activities) shall not exceed 485 gallons per 12 month period.
D. The facility shall obtain prior approval from the Polk County AQD for any additional butane loss associated with any maintenance/repair activities.
E. The facility shall record each maintenance event. This record shall contain the following information: Date of the event, duration of the event, quantity of butane lost (in gallons) and 12 month rolling total of butane lost.
F. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2111 Modified #3

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 15
Stack Opening, (inches, dia.): 2, Circular
Exhaust Flow Rate (scfm): 2,758
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical, Unobstructed

Authority for Requirement: Polk County AQD Construction Permit #2111 Modified #3

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: 74

Emission Unit vented through this Emission Point: 74
Emission Unit Description: Ethanol Rail Loading Rack
Raw Material/Fuel: Denatured Ethanol
Rated Capacity: 3,356 gallons/hour

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit: No Visible Emissions
Authority for Requirement: Polk County AQD Construction Permit #2142

Pollutant: VOC
Emission Limit: 14.582 TPY
Authority for Requirement: Polk County AQD Construction Permit #2142

Pollutant: Total HAP
Emission Limits: 0.214
Authority for Requirement: Polk County AQD Construction Permit #2142

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The ethanol rail loading rack (EU 74/EP 74) shall be limited to a throughput of 29,400,000 gallons of blended ethanol and natural gasoline. Natural gasoline shall not exceed five (5) % of the blend.
B. The owner or operator shall record monthly the throughput loaded through the ethanol rail loading rack (EU 74/EP 74) Said log shall include the rolling 12 month total, rolled monthly for each product.
C. The owner or operator shall calculate on a monthly basis the actual VOC and HAP emissions for EU 74/EP 74. Said log shall include the 12 month rolling total, rolled monthly of VOC and HAP emissions.
D. The owner or operator shall maintain said throughput and emission records for a minimum period of 5 years. Said records shall be maintained on site and made available to representatives of this agency upon request.

E. The owner or operator shall not load any product through the ethanol rail loading rack which meets the definition of gasoline as defined by §60.501.
F. The ethanol rail loading rack shall be equipped with loading arms capable of submerge filling of the railcars.
G. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2142

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Height: Fugitive

Authority for Requirement: Polk County AQD Construction Permit #2142

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 24.108(3)

Emission Point ID Number: 75

Emission Unit vented through this Emission Point: 75
Emission Unit Description: Tank 902 – Spherical Low-Pressure Mainline Relief Tank
Raw Material/Fuel: Transmix (fuel)
Rated Capacity: 2,583,000 gallons/hour

Applicable Requirements

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. Each tank is limited to storing either Transmix or a less hazardous and less volatile petroleum material.
B. Actual tank contents may be the material as indicated above, or other volatile organic liquid, provided that the material has both:
   (1) Equal or less volatility, and
   (2) Equal or less amount of Total HAP.
C. Throughput records will be maintained on site for five years and made available to representatives of Polk County AQD upon request.

Authority for Requirement: 567 IAC 24.108(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 24.108(3)

Emission Point ID Number: 77

Emission Unit vented through this Emission Point: 77
Emission Unit Description: Control Room Sub-Slab Remediation Vent
Raw Material/Fuel: Total HydroCarbons (THC) Exhausted
Rated Capacity: 36.258 lbs./day

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: 6.73 TPY

Authority for Requirement: Polk County AQD Construction Permit #2190

Pollutant: Total HAP
Emission Limits: 0.14 TPY

Authority for Requirement: Polk County AQD Construction Permit #2190

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The facility shall calculate and report the annual VOC and HAP emissions as part of the facility's Title V Annual Emission Inventory Statement.
B. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2190

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 18
Stack Opening, (inches, dia.): 2, Circular
Exhaust Flow Rate (scfm): 135 at 0" vacuum
Exhaust Temperature (°F): 110
Discharge Style: Vertical, Unobstructed

Authority for Requirement: Polk County AQD Construction Permit #2190

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: 78

Emission Unit vented through this Emission Point: 78
Emission Unit Description: Truck Rack Sub-Slab Remediation Vent
Raw Material/Fuel: Total HydroCarbons (THC) Exhausted
Rated Capacity: 5.899 lbs./day

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: 1.08 TPY

Authority for Requirement: Polk County AQD Construction Permit #2191

Pollutant: Total HAP
Emission Limits: 0.03 TPY

Authority for Requirement: Polk County AQD Construction Permit #2191

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The facility shall calculate and report the annual VOC and HAP emissions as part of the facility's Title V Annual Emission Inventory Statement.
B. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2191

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 18
Stack Opening, (inches, dia.): 2, Circular
Exhaust Flow Rate (acfm): 140 at 0" vacuum
Exhaust Temperature (°F): 110
Discharge Style: Vertical, Unobstructed

Authority for Requirement: Polk County AQD Construction Permit #2191

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: BD1

Emission Unit vented through this Emission Point: BDT1
Emission Unit Description: Biodiesel Storage Tank (Tank 153)
Raw Material/Fuel: Biodiesel
Rated Capacity: 5,000 Barrel

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: 1.39 TPY

Authority for Requirement: Polk County AQD Construction Permit #2349

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. Throughput through the 5,000 barrel biodiesel storage tank (EU BDT1) shall not exceed 20,958,034 gallons per any 12 month period, rolled monthly. The throughput of EU BDT1 shall be tracked daily. The facility shall record on a monthly basis, the monthly throughput total and rolling twelve month total.
B. Records shall be kept for five years and be made available to representatives of Polk County AQD upon request.
C. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2349

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 36
Stack Opening, (inches, dia.): 6, Circular
Exhaust Flow Rate (scfm): N/A
Exhaust Temperature (°F): Ambient
Discharge Style: Downward

Authority for Requirement: Polk County AQD Construction Permit #2349

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: BD2

Emission Unit vented through this Emission Point: BDOL
Emission Unit Description: Biodiesel Offloading System
Raw Material/Fuel: Biodiesel
Rated Capacity: 20,958,034 gallons per any 12 month period, rolled monthly

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: 0.32 TPY

Authority for Requirement: Polk County AQD Construction Permit #2349

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. Throughput through the 5,000 barrel biodiesel storage tank (EU BDT1) shall not exceed 20,958,034 gallons per any 12 month period, rolled monthly. The throughput of EU BDT1 shall be tracked daily. The facility shall record on a monthly basis, the monthly throughput total and rolling twelve month total.
B. Records shall be kept for five years and be made available to representatives of this department upon request.
C. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2349

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): 1.5
Stack Opening, (inches, dia.): 3-4, Circular
Exhaust Flow Rate (scfm): N/A
Exhaust Temperature (°F): Ambient
Discharge Style: Horizontal

Authority for Requirement: Polk County AQD Construction Permit #2349

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: PFT

Emission Unit vented through this Emission Point: PFT
Emission Unit Description: (2) 21,000 gallon Portable Frac Tanks
Raw Material/Fuel: Frac (gasoline and fuel oil mixture)
Rated Capacity: 42,000 gallons

Applicable Requirements

Emission Limits (lb./hr, gr./dscf, lb./MMBtu, % opacity, etc.)
The emissions from this emission unit shall not exceed the levels specified below.

Pollutant: VOC
Emission Limit: 0.71 TPY (individual tank) and 1.42 TPY (both tanks combined)

Authority for Requirement: Polk County AQD Construction Permit #2255 Modified

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. The facility shall calculate and report the annual VOC emissions as part of the facility's Title V Annual Emission Inventory Statement.
B. EU PFT shall not exceed 90 days (2,160 hours) of operation in a rolling twelve month period. Each time EU PFT is placed into service, the owner or operator shall record the start up and shut down date. Said log shall include a 12 month rolling total of hours of operation.
C. The owner or operator shall keep all records on site for a period of five years. Said records shall be made available to representatives of Polk County AQD upon request.
D. Routine periodic inspection.

Authority for Requirement: Polk County AQD Construction Permit #2255 Modified

Emission Point Characteristics
The emission point shall conform to the specifications listed below.

Stack Height, (ft, from the ground): <13
Stack Opening, (inches, dia.): 5-10, Circular
Exhaust Flow Rate (scfm): N/A
Exhaust Temperature (°F): Ambient
Discharge Style: Vertical

Authority for Requirement: Polk County AQD Construction Permit #2255 Modified

The temperature and flowrate are intended to be representative and characteristic of the design of the permitted emission point. The Polk County AQD recognizes that the temperature and flowrate may vary with changes in the process and ambient conditions. If it is determined that any of the emission point design characteristics are different than the values stated above, the owner/operator must notify the Polk County AQD and obtain a permit amendment, if required.

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 24.108(3)

Emission Point ID Number: P1, P2, P3, P4, P5, and P6

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity
P1	P1	(6) Portable Emergency Generators	Natural gas or fuel oil	(2) 1000 kW (4) 500 kW
P2	P2			
P3	P3			
P4	P4			
P5	P5			
P6	P6			

Applicable Requirements

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

The emissions from each emission unit shall not exceed the levels specified below.

Pollutant: Opacity
Emission Limit: <20%[(1)]

Authority for Requirement: Polk County AQD Construction Permit #3872
Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

[(1)] An exceedance of the opacity limit will require the owner or operator to promptly investigate the emission unit and make corrections to operations or equipment associated with the exceedance. If exceedances continue after the corrections, the Local Program may require additional proof to demonstrate compliance (e.g., stack testing)

Pollutant: PM
Emission Limits: 0.10 gr./dscf

Authority for Requirement: 567 IAC 23.3(2)"a"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-14(b)
Polk County AQD Construction Permit #3872

Pollutant: SO_2
Emission Limits: 0.5 lb/MMBtu

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27
Polk County AQD Construction Permit #3872

Total emissions for all 6 generators shall not exceed the levels specified below.
Pollutant: PM_{10}
Emission Limits: 1.98 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Pollutant: PM
Emission Limits: 1.98 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Pollutant: SO_2
Emission Limits: 1.85 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Pollutant: NO_x
Emission Limits: 27.86 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Pollutant: VOC
Emission Limits: 2.26 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Pollutant: CO
Emission Limits: 6.00 TPY

Authority for Requirement: Polk County AQD Construction Permit #3872

Operational Limits & Requirements

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

Process Throughput, Work Practice, and Recordkeeping Requirements:

A. 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 made available for inspection by the Polk County AQD upon request. Records shall be legible and maintained in an orderly manner.
B. The owner or operator shall be limited to operating a maximum of six (6) portable emergency generators at any time.
    (1) Two (2) of the portable emergency generators shall have a maximum capacity of 1000 kW.
    (2) Four (4) of the portable emergency generators shall have a maximum capacity of 500 kW.
C. Operation of each of the six (6) portable emergency generators shall be limited to five hundred (500) hours, per generator, per twelve (12) month period rolled and totaled monthly.

D. The owner or operator shall record all the necessary information, including date and time, length of usage, reason for usage, capacity of the generators etc. to demonstrate that the portable emergency generators do not meet the definition of a "stationary internal combustion engine" from §60.4219 in NSPS Subpart IIII and from §63.6675 in NESHAP Subpart ZZZZ.
E. The only fuels allowed to be combusted in the portable emergency generators are diesel fuel, gasoline, natural gasoline and propane.
F. The owner or operator shall maintain a record of the type of fuels burned in the portable generators.
G. All portable emergency generators shall be certified to a minimum of EPA Tier 2 Standards.
H. All emissions from the use of portable emergency generators shall be calculated and reported annually as part of the Iowa DNR emission inventory process.

Authority for Requirement: Polk County AQD Construction Permit #3872

NSPS Requirements:

A. The portable emergency generators are of the source category, but not subject to Title 40 of the Code of Federal Regulations (CFR) Part 60, Subpart IIII – *Standards of Performance for Stationary Compression Internal Combustion Engines*, because each of these units is a non-road engine as defined in 40 CFR §1068.30. As such, they do not meet the definition of a *"stationary internal combustion engine"* in §60.4219 at this time. If a generator remains or it is expected to remain at a location for more than 12 consecutive months, then it will become a *"stationary internal combustion engine,"* and therefore, subject to NSPS Subpart IIII.

NOTE: The absence of the inclusion of any NSPS requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NSPS conditions.

NESHAP Requirements:

A. The portable emergency generators are of the source category, but not subject to 40 CFR Part 63, Subpart ZZZZ – *National Emission Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*, because each of these units is a non- road engine as defined in 40 CFR §1068.30. As such, they do not meet the definition of a *"stationary internal combustion engine"* in §63.6675 at this time. If a generator remains or it is expected to remain at a location for more than 12 consecutive months, then it will become a *"stationary internal combustion engine,"* and therefore, subject to NESHAP Subpart ZZZZ.

NOTE: The absence of the inclusion of any NESHAP requirements as part of this permit does not relieve the owner or operator from any obligation to comply with all applicable NESHAP conditions.

Authority for Requirement: Polk County AQD Construction Permit #3872

Emission Point Characteristics

The emission point shall conform to the specifications listed below.

Stack Parameter	1000 kW	500 kW
Stack Height, (ft, from ground)	4-8	2
Stack Opening, (inches, dia.)	2-4, Circular	2-4, Circular
Exhaust Flow Rate (scfm)	1,500-3,500	150-1,500
Exhaust Temperature (°F)	900-1,100	700-900
Discharge Style	Horizontal	Horizontal

Authority for Requirement: Polk County AQD Construction Permit #3872

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 24.108(3)

Emission Point ID Number: 48, 49, 50, 57, & 67

Emission Point	Emission Unit	Emission Unit Description	Raw Material / Fuel	Rated Capacity
48	48	Fugitive Emissions (Valves, Pumps, and Flanges)	NA	NA
49	49-1	Bulk Additive Storage Tank	Fuel Additives	8,000 Gallon Capacity
	49-2	Bulk Additive Storage Tank		3,000 Gallon Capacity
	49-3	Bulk Additive Storage Tank		4,200 Gallon Capacity
	49-4	Bulk Additive Storage Tank		4,200 Gallon Capacity
	49-5	Bulk Additive Storage Tank		600 Gallon Capacity
	49-6	Bulk Additive Storage Tank		2,600 Gallon Capacity
	49-7	Bulk Additive Storage Tank		1,000 Gallon Capacity
	49-8	Bulk Additive Storage Tank		1,100 Gallon Capacity
	49-9	Bulk Additive Storage Tank		3,000 Gallon Capacity
	49-10	Bulk Additive Storage Tank		2,500 Gallon Capacity
	49-11	Bulk Additive Storage Tank		2,000 Gallon Capacity
	49-12	Bulk Additive Storage Tank		300 Gallon Capacity
	49-13	Bulk Additive Storage Tank		100 Gallon Capacity
	49-14	Bulk Additive Storage Tank		2,540 Gallon Capacity
	49-15	Bulk Additive Storage Tank		2,000 Gallon Capacity
	49-16	Bulk Additive Storage Tank		1,000 Gallon Capacity
	49-17	Bulk Additive Storage Tank		3,000 Gallon Capacity
50	50	Oil and Water Separator System (Sumps and Water Tanks)	Gas/Diesel/Ethanol	NA
57	57	Ethanol Unloading Disconnects	Ethanol	NA
67	67	Q Grade Filter Drainage	Jet Kerosene	NA

Applicable Requirements

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

The emissions from these emission points shall not exceed the levels specified below.

See "Plant-Wide Conditions"

Operational Limits & Requirements

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

See "Plant-Wide Conditions"

Monitoring Requirements

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 24.108(3)

Emission Point ID Number: 52

Associated Equipment

Emission Unit	Emission Unit Description	Raw Material	Rated Capacity
52	Boiler	Natural Gas	1.75 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 Limit: <20%

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Pollutant: PM
Emission Limit(s): 0.60 lb/MMBtu

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-12

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"
Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27

See "Plant-Wide Conditions"

Operational Limits & Requirements

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

See "Plant-Wide Conditions"

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 24.108(3)

Emission Point ID Number: 54

Associated Equipment

Emission Unit	Emission Unit Description	Raw Material
54	LPG Flare (Emergency use only)	LPG

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 Limit: <20%

Authority for Requirement: Polk County Board of Health Rules and Regulations Chapter V, Article IV, Section 5-9

Pollutant: PM
Emission Limits: 0.10 gr./dscf

Authority for Requirement: 567 IAC 23.3(2)"a"
Polk County Board of Health Rules and Regulations Chapter V, Article VI, Section 5-14(b)

Pollutant: Sulfur Dioxide (SO_2)
Emission Limit(s): 500 parts per million by volume

Authority for Requirement: 567 IAC 23.3(3)"e"
Polk County Board of Health Rules and Regulations Chapter V, Article IX, Section 5-27

See "Plant-Wide Conditions"

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

See "Plant-Wide Conditions"

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 24.108(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 (IAC). When 567 IAC as amended May 15, 2024, and cited in this permit becomes State Implementation Plan (SIP) approved, it will supersede 567 IAC as amended February 8, 2023. Prior to May 15, 2024, all Title V rule citations in this Title V permit were found and cited in 567 IAC Chapter 22. During the period from May 15, 2024, to the date that 567 IAC as amended May 15, 2024, is approved into the SIP, both 567 IAC as amended May 15, 2024, and 567 IAC as amended February 8, 2023 form the legal basis for the applicable requirements included in this permit. A crosswalk showing the citation changes is attached to this permit in Appendix B.

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 24.108(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 24.105(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 24.108(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 24.108(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 24.108(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 24.108(15)"c"*

G2. Permit Expiration

1. Except as provided in rule 567—24.104(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—24.105(455B). *567 IAC 24.116(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. 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 24.105(2). *567 IAC 24.105*

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 24.107(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 Polk County Air Quality Division. *567 IAC 24.108(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 24.107(4). The semi-annual monitoring report shall be submitted to the director and the appropriate Polk County Air Quality Division. *567 IAC 24.108 (5)*

G6. Annual Fee

1. The permittee is required under subrule 567 IAC 24.106 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 emissions inventory shall be submitted annually by March 31 with forms specified by the department documenting actual emissions for the previous calendar year.
4. The fee shall be submitted annually by July 1 with forms specified by the department.
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 24.115(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 24.108 (15)"b" and Chapter V, Article II, 5-3 and 5-4*

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 24.108 (9)"e" and Chapter V, Article X, 5-46 and 5-47*

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 21.8(1) and Chapter V, Article VI, Section 5-17.1*

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 24.108(4), 567 IAC 24.108(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 24;
    b. Compliance test methods specified in 567 Chapter 21; 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 24.108(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) 725-8694 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 21.10(6). An initial report of excess emission is not required for a source with operational continuous monitoring equipment (as specified in 567-subrule 21.10(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 21.7(1)-567 IAC 21.7(4) and Chapter V, Article VI, 5-17*

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 24.108(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).* This notification must be made to Polk County Air Quality Division, in lieu of the Department, upon adoption of the NSPS or NESHAP into Chapter V.

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 24.
    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—24.140(455B) through 567 - 24.144(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 24.110(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 24.110(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 24.110(1). *567 IAC 24.110(3)*
4. The permit shield provided in subrule 24.108(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 24.110(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 24.108(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 - 24.113(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 24.107(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 24.107(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 24.112(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 24, 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 24.111-567 IAC 24.113*

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) and Chapter V, Article X, 5-28*

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. Exceedences 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 24.108(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 or greenhouse gas generating substances 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 24.108(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 24.108(17)"a", 567 IAC 24.108(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 24.114*
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 24.114*
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 24.114*

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 24.108 (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 24.108 (8) and Chapter V, Article XVII, 5-77*

G27. Property Rights
The permit does not convey any property rights of any sort, or any exclusive privilege. *567 IAC 24.108 (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 24.111(1). *567 IAC 24.111 (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 (42 days) 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
6200 Park Ave
Suite 200
Des Moines, IA 50321
(515) 343-6589

Within Polk County, stack test notifications, reports and correspondence shall also be directed to the supervisor of the respective county air pollution program.
567 IAC 21.10(7)"a", 567 IAC 21.10(9) and Chapter V, Article VII, 5-18 and 5-19

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:

Iowa Compliance Officer
Air Branch
Enforcement and Compliance Assurance Division
U.S. EPA Region 7
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
6200 Park Ave
Suite 200
Des Moines, IA 50321
(515) 313-8325

Reports or notifications to the local program shall be directed to the supervisor at the appropriate local program. Current address and phone number is:

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

V. Appendix A: Web links to applicable regulations

(push Ctrl & click the link)

- 40 CFR 60 Subpart K: Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction, Reconstruction, or Modification Commenced After June 11, 1973, and Prior to May 19, 1978
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60/subpart-K

- 40 CFR 60 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, and On or Before October 4, 2023
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60/subpart-Kb

- 40 CFR 60 Subpart XX: Standards of Performance for Bulk Gasoline Terminals That Commenced Construction, Modification, or Reconstruction After December 17, 1980, and On or Before June 10, 2022
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60/subpart-XX

- 40 CFR 60 Subpart IIII: Standards of Performance for Stationary Compression Ignition Internal Combustion Engines
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-60/subpart-IIII

- 40 CFR 63 Subpart ZZZZ: National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-ZZZZ

- 40 CFR 63 Subpart BBBBBB (6B): National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities
  https://www.ecfr.gov/current/title-40/chapter-I/subchapter-C/part-63/subpart-BBBBBB

VI. Appendix B: Executive Order 10 (EO10) Rules Crosswalk