

Blanchard Terminal Company, LLC

Jacksonville Terminal

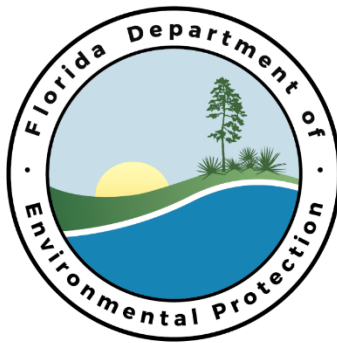
Facility ID No. 0310179

Duval County

Title V Air Operation Permit Renewal

Final Permit No. 0310179-030-AV

(Renewal of Title V Air Operation Permit No. 0310179-014-AV)



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Permitting Program
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Title V Air Operation Permit Renewal
Permit No. 0310179-030-AV

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Florida Department of Environmental Protection

Northeast District
8800 Baymeadows Way West, Suite 100
Jacksonville, Florida 32256

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Governor

Carlos Lopez-Cantera
Lt. Governor

Jonathan P. Steverson
Secretary

PERMITTEE:

Blanchard Terminal Company, LLC
539 South Main Street
Findlay, Ohio 45840

Final Permit No. 0310179-030-AV
Jacksonville Terminal
Facility ID No. 0310179
Title V Air Operation Permit Revision/Renewal

The purpose of this permit is to renew Title V air operation permit No. 0310179-014-AV. The following is being incorporated into the permit, Air Construction Permit No. 0310179-026-AC: Tank 112's internal floating roof was converted from a welded to a bolted design. As the tank was modified, the tank is now subject to Title 40, Part 60, Code of Federal Regulations (CFR), Subpart Kb. Tank 112 has been moved from Emissions Unit (EU) 019 to EU-011, which contains the internal floating roof tanks subject to 40 CFR 60, Subpart Kb; to update the Insignificant Activities List; and to remove 40 CFR 63, Subpart R applicable to the facility as per 40 CFR 63.420(a)(2): the owner or operator has documented and recorded to the Administrator's satisfaction that the facility is not a major source, and is not located within a contiguous area and under common control of a facility that is a major source. The existing Jacksonville Terminal is located in Duval County at 2101 Zoo Parkway, Jacksonville, Duval County, FL 32226. UTM Coordinates are: Zone 17, Zone 17, 441.800 km East and 3364.630 km North; Latitude: 30° 24' 50" North and Longitude: 81° 36' 21" West.

The Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Florida Administrative Code (F.A.C.) Chapters 62-4, 62-210, and 62-213. The above named permittee is hereby authorized to operate the facility in accordance with the terms and conditions of this permit.

0310179-030-AV Effective Date: September 20, 2016

Renewal Application Due Date: February 7, 2021

Expiration Date: September 20, 2021

A handwritten signature in blue ink, reading "Richard S. Rachal III".

Richard S. Rachal III, P.G.
Permitting Program Administrator

RSR/lm

SECTION I. FACILITY INFORMATION.

Subsection A. Facility Description.

The existing Jacksonville Terminal located at 2101 Zoo Parkway, Jacksonville, Duval County, Florida 32218 is a bulk petroleum products storage and distribution terminal that receives light petroleum products (i.e., gasoline, diesel fuel, kerosene, and jet fuel) and denatured ethanol from marine vessels, railcar tankers, and tanker trucks. The petroleum products are stored in fixed and floating-roof storage tanks at the terminal. Gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products are then loaded into tanker trucks at one of the two tank truck loading rack systems. Volatile Organic Compounds (VOC) and Hazardous Air Pollutants (HAP) emissions displaced during tank truck loading operations are captured and routed to a vapor recovery unit (VRU). Product recovered by the VRU is returned to the terminal storage tanks. A vapor combustor unit (VCU) may also be used to control tank truck loading rack vapors. Distillates, denatured ethanol, and/or lower vapor pressure petroleum products can be loaded into marine vessels and railcar tankers. Petroleum contact water (PCW) from storm water and spills at the truck loading rack and from water draws from the gasoline and distillate storage tanks is stored in PCW tanks until shipped offsite for disposal. Other sources of VOC emissions include working and breathing losses from storage tanks; fugitive emissions from pumps, valves, flanges, and railcar tanker and marine vessel loading; and four emergency diesel engines. The facility consists of the following emissions units and activities.

Subsection B. Summary of Emissions Units.

EU No.	Brief Description Terminal A
<i>Regulated Emissions Units</i>	
011	Petroleum Storage Tank Nos. 108, 112, 113 and 116 Internal Floating Roof with primary mechanical shoe seal and secondary seal
016	Terminal A Tank Truck Loading System and Denatured Ethanol Loading System. Jordan Model JT-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit or Callidus, Inc. Vapor Combustion Unit (Backup)
019	Petroleum/Denatured Ethanol Storage Tank Nos. 102 through 105, and 109 through 111, Internal Floating Roofs
020	Fixed Roof Petroleum Storage Tank Nos. 114, 115, and 117
022	Marine Petroleum Loading System
023	Railcar Tanker Loading System
Emission Unit Description Terminal B	
024	Terminal B Tank Truck Loading Rack. Jordan Model JT-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit or Callidus, Inc. Vapor Combustion Unit (Backup)
026	Petroleum Storage Tank No. 1
027	Petroleum/Denatured Ethanol Storage Tank No. 2 – 1,276,800 gallons Internal Floating Roof with mechanical shoe seal for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blend, or lower vapor pressure VOL products.
028	Petroleum/Denatured Ethanol Storage Tank No. 5 Internal Floating Roof with mechanical shoe seal
030	Fugitive VOC and Fugitive HAP Emissions
032	Emergency Diesel Engines
033	Tank No. 3 (2,492,238 gallons) and Tank No. 4 (2,490,600 gallons) for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blend, or lower vapor pressure VOL products
<i>Unregulated Emissions Units and Activities</i> (see Appendix U, List of Unregulated Emissions Units and/or Activities)	
031	Petroleum Contact Water (PCW) Tanks (Terminal A &B)

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SECTION I. FACILITY INFORMATION.

Also included in this permit are miscellaneous insignificant emissions units and/or activities (see Appendix I, List of Insignificant Emissions Units and/or Activities).

Subsection C. Applicable Regulations.

Based on the Title V air operation permit renewal application received May 19, 2016, this facility **is not** a major source, but a synthetic source of hazardous air pollutants (HAP). The existing facility is a major source of air pollution because the potential emissions of one or more individual criteria pollutants is greater than 100 tons per year pursuant to Chapter 62-210, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB). Blanchard Terminal Company, LLC is major for VOCs.

The existing facility **is not** a prevention of significant deterioration (PSD) major source of air pollutants in accordance with Rule 62-212.400, F.A.C. A summary of applicable regulations is shown in the following table.

Regulation	EU No(s).
<i>Federal Rule Citations</i>	
40 CFR 60, Subpart A, NSPS General Provisions	011, 024, 028, 033
40 CFR 60, Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984	28
40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984	011, 033
40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals	024
40 CFR 63, NESHAP General Provisions	011, 016, 019, 024, 027, 028, 030, 032, 033
40 CFR 63, Subpart BBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities	011, 016, 019, 024, 027, 028, 030, 033
Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	032
40 CFR 64, Compliance Assurance Monitoring	016, 024
<i>State Rule Citations</i>	
State Rule Citations 62-296 RACT, F.A.C.	016, 019, 027

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SECTION II. FACILITY-WIDE CONDITIONS.

The following conditions apply facility-wide to all emission units and activities:

FW1. Appendices. The permittee shall comply with all documents identified in Section IV, Appendices, listed in the Table of Contents. Each document is an enforceable part of this permit unless otherwise indicated. [Rule 62-213.440, F.A.C.]

Emissions and Controls

FW2. Not federally Enforceable. Objectionable Odor Prohibited. No person shall cause, suffer, allow or permit the discharge of air pollutants, which cause or contribute to an objectionable odor. An “objectionable odor” means any odor present in the outdoor atmosphere which by itself or in combination with other odors, is or may be harmful or injurious to human health or welfare, which unreasonably interferes with the comfortable use and enjoyment of life or property, or which creates a nuisance. [Rule 62-296.320(2) and 62-210.200(Definitions), F.A.C.]

FW3. General Volatile Organic Compounds (VOC) Emissions or Organic Solvents (OS) Emissions. The permittee shall allow no person to store, pump, handle, process, load, unload or use in any process or installation, volatile organic compounds or organic solvents without applying known and existing vapor emission control devices or systems deemed-necessary and ordered by the Department. [Rule 62-296.320(1), F.A.C.]

{Permitting Note: Nothing is deemed necessary and ordered at this time.}

FW4. General Visible Emissions. No person shall cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity equal to or greater than 20% opacity. This regulation does not impose a specific testing requirement. [Rule 62-296.320(4)(b), F.A.C.]

FW5. Unconfined Particulate Matter. No person shall cause, let, permit, suffer or allow the emissions of unconfined particulate matter from any activity, including vehicular movement; transportation of materials; construction; alteration; demolition or wrecking; or industrially related activities such as loading, unloading, storing or handling; without taking reasonable precautions to prevent such emissions. Reasonable precautions to prevent emissions of unconfined particulate matter at this facility include:

- a. Paving and maintenance of roads, parking areas and yards.
- b. Landscaping or planting of vegetation.
- c. Confining abrasive blasting where possible.
- d. Other techniques, as necessary.

[Rule 62-296.320(4)(c)2. & 3, F.A.C., and Rule 2.1101, JEPB]

[Rule 62-296.320(4)(c), F.A.C.; and, proposed by applicant in Title V air operation permit renewal application received May 19, 2016.]

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SECTION II. FACILITY-WIDE CONDITIONS.

Annual Reports and Fees

See Appendix RR, Facility-wide Reporting Requirements for additional details.

FW6. Electronic Annual Operating Report and Title V Annual Emissions Fees. The information required by the Annual Operating Report for Air Pollutant Emitting Facility [Including Title V Source Emissions Fee Calculation] (DEP Form No. 62-210.900(5)) shall be submitted by April 1 of each year, for the previous calendar year, to the Department of Environmental Protection's (DEP) Division of Air Resource Management. Each Title V source shall submit the annual operating report using the DEP's Electronic Annual Operating Report (EAOR) software, unless the Title V source claims a technical or financial hardship by submitting DEP Form No. 62-210.900(5) to the DEP Division of Air Resource Management instead of using the reporting software. Emissions shall be computed in accordance with the provisions of subsection 62-210.370(2), F.A.C. Each Title V source must pay between January 15 and April 1 of each year an annual emissions fee in an amount determined as set forth in subsection 62-213.205(1), F.A.C. The annual fee shall only apply to those regulated pollutants, except carbon monoxide and greenhouse gases, for which an allowable numeric emission-limiting standard is specified in the source's most recent construction permit or operation permit. Upon completing the required EAOR entries, the EAOR Title V Fee Invoice can be printed by the source showing which of the reported emissions are subject to the fee and the total Title V Annual Emissions Fee that is due. The submission of the annual Title V emissions fee payment is also due (postmarked) by April 1st of each year. A copy of the system-generated EAOR Title V Annual Emissions Fee Invoice and the indicated total fee shall be submitted to: **Major Air Pollution Source Annual Emissions Fee, Post Office Box 3070, Tallahassee, Florida 32315-3070.** Additional information is available by accessing the Title V Annual Emissions Fee On-line Information Center at the following Internet web site: <http://www.dep.state.fl.us/air/emission/tvfee.htm>. [Rules 62-210.370(3), 62-210.900 & 62-213.205, F.A.C.; and, §403.0872(11), Florida Statutes (2013)]

{Permitting Note: Resources to help you complete your AOR are available on the electronic AOR (EAOR) website at: <http://www.dep.state.fl.us/air/emission/eaor>. If you have questions or need assistance after reviewing the information posted on the EAOR website, please contact the Department by phone at (850) 717-9000 or email at eaor@dep.state.fl.us.}

{Permitting Note: The Title V Annual Emissions Fee form (DEP Form No. 62-213.900(1)) has been repealed. A separate Annual Emissions Fee form is no longer required to be submitted by March 1st each year.}

FW7. Annual Statement of Compliance. The permittee shall submit an annual statement of compliance to the compliance authority at the address shown on the cover of this permit and to the US. EPA at the address shown below within 60 days after the end of each calendar year during which the Title V air operation permit was effective. [Rules 62-213.440(3)(a)2. & 3. and (b), F.A.C.]

U.S. Environmental Protection Agency, Region 4
Atlanta Federal Center
61 Forsyth Street, SW
Atlanta, Georgia 30303
Attn: Air Enforcement Branch

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SECTION II. FACILITY-WIDE CONDITIONS.

FW8. Prevention of Accidental Releases (Section 112(r) of CAA). If, and when, the facility becomes subject to 112(r), the permittee shall:

- a. Submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent electronically through EPA's Central Data Exchange system at the following address: <https://cdx.epa.gov>. Information on electronically submitting risk management plans using the Central Data Exchange system is available at: <http://www2.epa.gov/rmp>. The RMP Reporting Center can be contacted at: RMP Reporting Center, Post Office Box 10162, Fairfax, VA 22038, Telephone: (703) 227-7650.
- b. Submit to the permitting authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), F.A.C.

[40 CFR 68]

Other Requirements

FW9. Facility-Wide. The maximum throughput shall not exceed 900.0 x 10⁶ gallons per year of gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends (12 month rolling total) and 300.0 x 10⁶ gallons per year of kerosene distillate oil (12 month rolling total).

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB, Air Construction 0310179-025-AC and Air Construction 0310179-027-AC]

FW10. By restricting petroleum product throughput, the potential and allowable emissions of hazardous air pollutants (HAP) are restricted to less than 10 TPY for any single HAP and to less than 25 TPY for total HAP(s). TPY shall be designated as any 12 consecutive month period. Monthly records of petroleum product throughput shall be maintained for a minimum period of five (5) years and shall be provided to the Permitting Authority upon request.

[Rule 62-210.200(PTE), FAC, Rule 2.301, JEPB, and 0310179-003-AF; Construction Permit No. 0310179-017-AC]

FW11. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24-hour period unless specifically authorized by the Permitting Authority for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1401, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.

[Rule 62-210.700, FAC, and Rule 2.301, JEPB]

FW12. Not federally Enforceable. The facility shall be subject to the City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and JEPB Rule 1

[Final Rules with Respect to Organization, Procedure, and Practice].

FW.13. Not federally Enforceable. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

Subsection A.

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
011	<p>Petroleum/Denatured Ethanol Storage Tanks (Terminal A)</p> <p>Tank No. 108 (3,371,340 Gallons), Tank No. 112 (5,226,900 Gallons), Tank No. 113 (2,226,000 Gallons) and Tank No. 116 (3,124,968 Gallons) for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products.</p> <p>Control Device: Internal Floating Roof with primary mechanical shoe seal and secondary seal</p> <p><i>The volumes of all tanks are the gross capacities of the tanks</i></p>

{Permitting Note: This emissions unit is subject to 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, 40 CFR 60, Subpart A, General Provisions; 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions. If this emissions unit complies with the control requirements of 40 CFR 60, Subpart Kb, these storage vessels will be deemed in compliance with the requirements of 40 CFR 63, Subpart BBBBBB for gasoline storage tanks.}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

A.1. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

(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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a non-contact 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.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

A.1. Continued:

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

[Permit No. 0310179-013-AC; 40 CFR 60.112b(a)(1)(i), (ii)(C), (iii) - (ix), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBB Table 1 Row 2(b), 40 CFR 63.11088(a), and Rule 2.201, JEPB]

A.2. **Hours of Operation.** This emissions unit (each vessel) may operate continuously (8,760 hours/year).

[Rule 62-210.200(PTE), F.A.C.; and Rule 2.301, JEPB]

A.3. **40 CFR 63, Subpart BBBB General Duties to Minimize Emissions.**

(a) The facility 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. 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.

(b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. A.19**) 40 CFR 63.11094(g) and (**Specific Condition No A.26.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b)]

A.4. **Gasoline Storage Tanks for a Bulk Gasoline Terminal.**

(a) The facility must meet each emission limit and management practice in Table 1 to 40 CFR 63, Subpart BBBB that applies to your gasoline storage tank.

[40 CFR 63.11087(a)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

- A.5.** Storage vessels equipped with floating roofs and not meeting the requirements of **Specific Condition No. A.4.**, must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

[Permit No. 0310179-026-AC; 40 CFR 63.11087(b)]

- A.6.** Gasoline storage tanks complying with, the control requirements of 40 CFR Part 60, Subpart Kb, are deemed in compliance with 40 CFR 63, Subpart BBBBBB.

[40 CFR 63.11087(f)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

- A.7. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

- A.8. Vessels Equipped with 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 40 CFR 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.

[Permit No. 0310179-026-AC; 40 CFR 63.113b(a)(2)]

- A.9. Alternative Means of Emission Limitation.**

(a) If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in emissions at least equivalent to the reduction in emissions achieved by any requirement in 40 CFR 60.112b, the Administrator will publish in the FEDERAL REGISTER a notice permitting the use of the alternative means for purposes of compliance with that requirement.

(b) Any notice under (a) of this Specific Condition will be published only after notice and an opportunity for a hearing.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

A.9. Continued:

(c) Any person seeking permission under this section shall submit to the Administrator a written application including:

- (1) An actual emissions test that uses a full-sized or scale-model storage vessel that accurately collects and measures all VOC emissions from a given control device and that accurately simulates wind and accounts for other emission variables such as temperature and barometric pressure.
- (2) An engineering evaluation that the Administrator determines is an accurate method of determining equivalence.

(d) The Administrator may condition the permission on requirements that may be necessary to ensure operation and maintenance to achieve the same emissions reduction as specified in **Specific Condition No. A.1.** (40 CFR 60.112b).

[Permit No. 0310179-026-AC; 40 CFR 63.114b(a) – (d)]

A.10. 40 CFR 63, Subpart BBBBBB Testing Requirements.

Each owner or operator subject to the emission standard in **Specific Condition No. A.4** (40 CFR 63.11087) for gasoline storage tanks shall comply with the requirements in this **Specific Condition**.

- (1) Gasoline storage tanks equipped with an internal floating roof, must perform inspections of the floating roof system according to the requirements of **Specific Condition No. A.8.** (40 CFR 60.113b(a)) if you are complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB.

[40 CFR 63.11087(c), and 40 CFR 63.11092(e)1]

A.11. 40 CFR 63, Subpart BBBBBB Testing Requirements.

The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1) or (2) of this **Specific Condition**.

- (1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.
- (2) *Railcar bubble leak test procedures.* As an alternative to the annual certification test required under (1) of this **Specific Condition** for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with (2)(i) and (ii) of this **Specific Condition** for railcar cargo tanks, provided the railcar cargo tank meets the requirement in (2)(iii) of this **Specific Condition**.
 - (i) Comply with the requirements of 49 CFR 173.31(d), 49 CFR 179.7, 49 CFR 180.509, and 49 CFR 180.511 for the periodic testing of railcar cargo tanks.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

A.11. Continued:

- (ii) The leakage pressure test procedure required under 49 CFR 180.509(j) and used to show no indication of leakage under 49 CFR 180.511(f) shall be ASTM E 515-95, BS EN 1593:1999, or another bubble leak test procedure meeting the requirements in 49 CFR 179.7, 49 CFR 180.505, and 49 CFR 180.509.
- (iii) The alternative requirements in (2) may not be used for any railcar cargo tank that collects gasoline vapors from a vapor balance system and the system complies with a Federal, State, local, or tribal rule or permit. A vapor balance system is a piping and collection system designed to collect gasoline vapors displaced from a storage vessel, barge, or other container being loaded, and routes the displaced gasoline vapors into the railcar cargo tank from which liquid gasoline is being unloaded.

[40 CFR 63.11092(f)(1), (2)(i), (ii), and (iii)]

RECORDKEEPING, AND REPORTING REQUIREMENTS

A.12. Records. The owner or operator of this storage vessel shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of this emission unit.

[40 CFR 60.7(b), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.13. Records. The facility shall keep a record of each inspection performed as required by **Specific Condition No. A.8.** (40 CFR 60.113b (a)(2)). 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).

[40 CFR 60.115b(a)(2), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.14. Reports. If any of the conditions described in **Specific Condition No. A.8.** (40 CFR 60.113b(a)(2)) are detected during the annual visual inspection required by **Specific Condition No. A.8.** (40 CFR 60.113b(a)(2)), a report shall be furnished to the Permitting Authority 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.

[40 CFR 60.115b(a)(3), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.15. Records. Records required by 40 CFR 60.7(f) shall be retained in a permanent form for a minimum period of two years, unless otherwise specified.

[40 CFR 60.7(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.16. Records. The facility shall keep records as specified in (**Specific Condition No. A.15**) 40 CFR 60.115b of 40 CFR 60, Subpart Kb if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years.

[40 CFR 63.11094(a)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

A.17. Records. The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this Specific Condition.

- (1) Annual certification testing performed under **Specific Condition No. A.11.)** 40 CFR 63.11092(f)(1) and periodic railcar bubble leak testing performed under (**Specific Condition No. A.11.)** 40 CFR 63.11092(f)(2).
- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
 - (i) Name of test: Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.
 - (vi) Witnessing inspector, if any: Name, signature, and affiliation.
 - (vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.
 - (viii) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11094(b)]

A.18. Records. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in (**Specific Condition No. A.17.)**, an owner or operator may comply with the requirements in either paragraph (1) or paragraph (2) of this Specific Condition.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this Specific Condition.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

A.18. Continued:

- (i) The copy of each record in (2) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
- (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this Specific Condition.

[40 CFR 63.11094(c)(1), and (2)]

A.19. **Records.** The facility shall keep records as specified in (1) and (2) of this **Specific Condition**.

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with (**Specific Condition No. A.3.**) 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11087(e), and 40 CFR 63.11094(g)(1), and (2)]

MONITORING OF OPERATIONS

A.20. The owner or operator of this storage vessel shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

[40 CFR 60.116b(a), (b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

A.21. The owner or operator of this storage vessel 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 for the storage vessel.

[40 CFR 60.116b(c), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.22. The owner or operator of this storage vessel shall notify the Permitting Authority within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure value of 5.2 kilo pascals (kPa).

[40 CFR 60.116b(d), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.23. The maximum true vapor pressure of the VOL shall be determined in accordance with the methods and procedures specified in 40 CFR 60.116b(e)(1).

- (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.

[40 CFR 60.116b(e)(1), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

NOTIFICATION

A.24. 40 CFR 63, Subpart BBBBBB Notifications.

- (1) The facility must submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to 40 CFR 63, Subpart BBBBBB is used to comply with this subpart.
- (2) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11087(d), and 40 CFR 63.11093(b), (d)]

A.25. Semiannual Compliance Report. The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

- (1) For storage vessels, if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in (**Specific Condition No. A.13.**) of 40 CFR 60, Subpart Kb, depending upon the control equipment installed.

[40 CFR 63.11087(e), and 40 CFR 63.11095(a)(1)]

A.26. Semiannual Reports. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with (**Specific Condition No. A.3.**) 40 CFR 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

A.27. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
016	<p>Tank Truck Loading System (Terminal A)</p> <p>4 Bay Tank Truck Loading System loading gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products.</p> <p>Control Device: Jordan Model JT-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit (VRU) or Callidus, Inc. Vapor Combustion Unit [VCU (Backup)]</p>

This emissions unit is subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions. 40 CFR 63, Subpart XX—Standards of Performance for Bulk Gasoline Terminals, 40 CFR 60, Subpart A, General Provisions. This emissions unit is also subject to Reasonably Available Control Technology (RACT) – Volatile Organic Compounds (VOC) Rule 62-296.510, FAC, Bulk Gasoline Terminals.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

B.1. Hours of Operation. This emission unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

B.2. Maximum Throughput Rate. The maximum throughput rate shall not exceed 135,000 gallons per hour of gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends combined. This throughput rate applies when the VRU is only servicing gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blend vapors generated from EU 016 directly (non-bladder tank mode).

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Construction Permit No. 0310179-017-AC]

B.3. Total Organic Compounds (TOC) Emissions.

POLLUTANT	STANDARD	RULE
Total Organic Compounds (TOC)	The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 20 milligrams of total organic compounds per liter of gasoline loaded.	Facility requested 0310179-001-AF
	The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.	40 CFR 60.502(b) 40 CFR 60, Subpart XX
	Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack.	40 CFR 63.11088(a), Table 2, Option 1(b) to Subpart BBBBBB, and Rule 62-296.510(2), F.A.C.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.3. Continued:

[Permit No. 0310179-029-AC, 40 CFR 60.502(b); Rule 62-204.800(8), F.A.C.; Rule 62-204.800(11), F.A.C., Rule 2.201, JEPB, and 40 CFR 63.11(8); Table 2 to Subpart BBBBBB]

B.4. Vapor Collection System Design 40 CFR 63, Subpart BBBBBB and 40 CFR 60, Subpart XX.

- a. Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading.
- 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.
- c. Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing through another loading rack or lane to the atmosphere.
- d. Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j) of this chapter. For the purposes of this section, the term “tank truck” as used in 40 CFR 60.502(e) through (j) of this chapter means “cargo tank” as defined in 40 CFR 63.11100.

*{Permitting Note: The facility has chosen to meet the more stringent TOC limit in **Specific Condition B.3.**}*

[40 CFR 63.11088(a), 40 CFR 63, Subpart BBBBBB Table 2, Row 1, and 40 CFR 60.502 (a) – (d)]

B.5. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

(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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a non-contact 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) 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.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.5. Continued:

- (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) 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) 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) 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) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

[40 CFR 60.112b(a)(1)(i), (ii)(C), (iii) - (ix), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBBBB Table 1 Row 2(b), 40 CFR 63.11088(a), and Rule 2.201, JEPB]

B.6. 40 CFR 63, Subpart BBBBBB General Duties to Minimize Emissions.

- (a) The facility 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. 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.
- (b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. B.46.**) 40 CFR 63.11094(g) and (**Specific Condition No B.49.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b)]

B.7. **Vapor-Tight Gasoline Tank Trucks 40 CFR 60, Subpart XX.** Loadings of liquid product into gasoline tank trucks shall be limited to vapor-tight gasoline tank trucks using the following procedures:

- (1) The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) **Specific Condition No. B.36.**, for each gasoline tank truck which is to be loaded at the affected facility.
- (2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
- (3)(i) The owner or operator shall cross-check each tank identification number obtained in (2) of this Specific Condition with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.7. Continued:

- (A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
- (B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
- (i) If either the quarterly or semiannual cross-check provided in (3)(i) (A) through (B) of this Specific Condition reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.

[40 CFR 60.502(e)(1) – (3)]

- B.8.** The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in **(3) of Specific Condition No. B.7.**

[40 CFR 60.502(e)(4)]

- B.9.** The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.

[40 CFR 60.502(e)(5)]

- B.10.** Alternate procedures to those described in 40 CFR 60.502(e)(1) through (5) (**Specific Condition Nos. B.7-B.9.**) for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.

[40 CFR 60.502(e)(6)]

- B.11. Loadings.** The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

[40 CFR 60.502(f)]

- B.12. Vapor Collection Systems.** The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.

[40 CFR 60.502(g)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.13. Vapor Collection and Liquid Loading Equipment Design. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d) **Specific Condition No. B.27.**

[40 CFR 60.502(h); Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

B.14. Vapor Collection System. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

[40 CFR 60.502(i)]

B.15. Inspection. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

[40 CFR 60.502(j)]

B.16. Equipment Leak Inspections.

- (a) The owner or operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100 Definitions. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
- (b) A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- (c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in (d) of this **Specific Condition**.
- (d) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in 40 CFR 63.11095(b) **Specific Condition No. B.48.**, the reason(s) why the repair was not feasible and the date each repair was completed.
- (e) You must comply with the requirements of this subpart by the applicable dates specified in 40 CFR 63.11083.
- (f) You must submit the applicable notifications as required under 40 CFR 63.11093 (**Specific Condition No. B.34**).

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.16. Continued:

- (g) You must keep records and submit reports as specified in 40 CFR 63.11094 and 40 CFR 63.11095
Specific Condition Nos. B.41. – B.46., and B.48.

[40 CFR 63.11089(a) – (d)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

B.17. Conduct a performance test on the vapor processing and collection systems.

- (i) Use the test methods and procedures in 40 CFR 60.503 of 40 CFR 60 Subpart XX, except a reading of 500 parts per million shall be used to determine the level of leaks to be repaired under 40 CFR 60.503(b) of 40 CFR 60, Subpart XX.

[40 CFR 63.11088(d), 40 CFR 63.11092(a)(1)(i), Rule 62-204.800, F.A.C. and Rule 2.1401, JEPB]

B.18. Monitored Operating Parameter Value for the Vapor Processing System. The performance test conducted under **Specific Condition No. B.17.**, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in (i) of this **Specific Condition**. During the performance test, continuously record the operating parameter as specified this **Specific Condition**.

- (i) Where a carbon adsorption system is used, the owner or operator shall monitor the operation of the system as specified in **Specific Condition No. B.19**.

[40 CFR 63.11088(d), 40 CFR 63.11092(b)(1)(i), Rule 62-204.800, F.A.C. and Rule 2.1401, JEPB]

40 CFR 63, Subpart BBBBBB

B.19. Each owner 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 (b)(1) of this **Specific Condition**.

- (1) For each performance test conducted under paragraph (a)(1) of this **Specific Condition**, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in (b)(1)(i) of this **Specific Condition**. During the performance test, continuously record the operating parameter as specified under (b)(1)(i) of this **Specific Condition**.

- (i) Where a carbon adsorption system is used, the owner or operator shall monitor the operation of the system as specified in paragraphs (b)(1)(i)(A).

- (A) A continuous emissions monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.19. Continued:

- (2) Monitoring an alternative operating parameter or a parameter of a vapor processing system other than those listed in (b)(1)(i) of this **Specific Condition** will be allowed upon demonstrating to the Administrator's satisfaction that the alternative parameter demonstrates continuous compliance with the emission standard in 40 CFR 63.11088(a).

[40 CFR 63.11092(b)(1)(i)(A); (b)(1)(iii)(B); and (b)(1)(iv)]

- B.20. CPMS Operating Parameter- Subsequent Performance Tests.** For performance tests performed after the initial test required under **Specific Condition No.** Error! Reference source not found., the owner or operator shall document the reasons for any change in the operating parameter value since the previous performance test.

[40 CFR 63.11092(c)]

- B.21.** Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall comply with the requirements in (1) through (3) of this **Specific Condition**.

(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 **Specific Condition No. B.19(1)**.

(2) In cases where an alternative parameter pursuant to **Specific Condition No. B.19(2)** 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.

(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 40 CFR 63.11088(a) **Specific Condition No. B.3**.

[40 CFR 63.11092(d)]

- B.22. Annual Certification Test.** The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1).

- (1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

[40 CFR 63.11092(f)(1)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.23. Performance Tests. 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. 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.

[40 CFR 63.11092(g)]

B.24. Compliance testing shall be performed annually (except 2016) from the date of July 1, 2012 on the Jordan VRU. Permit renewal testing shall be conducted on the Callidus, Inc. VCU on or about the date of July 1, 2016 in lieu of the 2016 annual test on the Jordan VRU.

[Permit No. 0310179-013-AC, and Rule 2.1401, JEPB]

40 CFR 60, Subpart XX

B.25. Immediately before the performance test required to determine compliance with 40 CFR 60.502(b) **Specific Condition No. B.3.**, and 40 CFR 60.502(h) **Specific Condition No. B.13.**, the owner or operator shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The owner or operator shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.

[40 CFR 60.503(b)]

B.26. The owner or operator shall determine compliance with the standards in 40 CFR 60.502(b) **Specific Condition No. B.3.**, as follows:

- (1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- (2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- (3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K \sum_{i=1}^n (V_{ei} C_{ei}) / (L 10^6)$$

where:

E = emission rate of total organic compounds, mg/liter of gasoline loaded.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.26. Continued:

V_{esi} = volume of air-vapor mixture exhausted at each interval “i”, scm.

C_{ei} = concentration of total organic compounds at each interval “i”, ppm.

L = total volume of gasoline loaded, liters.

n = number of testing intervals.

i = emission testing interval of 5 minutes.

K = density of calibration gas, 1.83×10^6 for propane and 2.41×10^6 for butane, mg/scm.

- (4) The performance test shall be conducted in intervals of 5 minutes. For each interval “i”, readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- (5) The following methods shall be used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval:
 - (i) Method 2B shall be used for combustion vapor processing systems.
 - (ii) Method 2A shall be used for all other vapor processing systems.
- (6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.
- (7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

[40 CFR 60.503(c); Rule 62-204.800, F.A.C.; Rule 62-296.510(4), and Rule 2.201, JEPB]

B.27. The owner or operator shall determine compliance with the standard in 40 CFR 60.502(h) **Specific Condition No. B.13.**, as follows:

- (1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

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Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.27. Continued:

(2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

[40 CFR 60.503(d)]

STATE REQUIREMENTS

B.28. Control Technology. Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading. Gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends shall not be loaded into tank trucks unless the vapors are vented to the operating vapor control systems. Distillate products may be loaded into tank trucks (which on the previous load did not carry gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blend) without being vented to the vapor holding tank, the VRU, or the VCU.

- A means is provided to prevent liquid waste from the loading device to exceed the quantity specified for the self-sealing coupler or adapter according to API regulation RP 1004 (or equivalent) upon the loading device being disconnected or when it is not in use (the above referenced are available from the American Petroleum Institute, 2101 "L" Street N. W., Washington, D.C. 20037); and,
- All loading and vapor lines equipped with fittings are vapor tight.

[Rule 62-296.510(3)(a) – (d), F.A.C. (Amended 7-10-14); Rule 2.1101, JEPB; Table 2, Option 1(a) to Subpart BBBBBB]

B.29. The terminal owner/operator must ensure that each truck's vapor collection system is connected to the terminal's vapor collection system during loading of the tank truck (with gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blend) and is vapor tight.

[Rule 62-296.510(3), F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310179-017-AC]

B.30. Compliance testing shall be conducted on the potential sources of vapor leakage in the vapor collection system and the tank truck during the compliance test required by **Specific Condition No. B.16**.

[Rule 62-296.510(4), F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310179-017-AC]

B.31. Test Methods shall be EPA RM 21 and EPA RM 27 (40 CFR 60, Appendix A, adopted by reference in Rule 62-297, FAC, and Rule 2.1201, JEPB, as applicable. Testing shall also be conducted in accordance with Rule 62-297.440(2)(b)2.a., F.A.C., and Rule 2.1201, JEPB.

[Construction Permit No. 0310179-017-AC]

B.32. Testing for demonstration of compliance at the VRU/VCU shall be performed in accordance with EPA Reference Method 2A, 2B, 25A/25B, (as described in 40 CFR 60, Appendix A) for the VOC concentration.

Testing shall also be conducted in accordance with Rule 62-297.440(2)(b)1.a., F.A.C., and Rule 2.1201, JEPB. [Construction Permit No. 0310179-017-AC]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.33. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

NOTIFICATION

B.34. Notifications to submit.

- (a) Each owner or operator of an affected source under this subpart must submit an Initial Notification as specified in 40 CFR 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 **Specific Condition** may be submitted in lieu of the Initial Notification.

- (b) Notification of Compliance Status. Each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in 40 CFR 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.
- (c) Notification of Performance Test. Submit a Notification of Performance Test, as specified in 40 CFR 63.9(e), prior to initiating testing required by 40 CFR 63.11092(a) **Specific Condition No. B.19.** or 40 CFR 63.11092(b) **Specific Condition No. B.19.**
- (d) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11088(e), and 40 CFR 63.11093(a) – (d)]

RECORDKEEPING, AND REPORTING REQUIREMENTS

B.35. The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) **Specific Condition No. B.7.**, shall be kept on file at the terminal in a permanent form available for inspection.

[40 CFR 60.505(a), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

B.36. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

- (1) Test title: Gasoline Delivery Tank Pressure Test—EPA Reference Method 27.
- (2) Tank owner and address.
- (3) Tank identification number.
- (4) Testing location.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.36. Continued:

- (5) Date of test.
- (6) Tester name and signature.
- (7) Witnessing inspector, if any: Name, signature, and affiliation.
- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

[40 CFR 60.505(b)]

B.37. A record of each monthly leak inspection required under 40 CFR 60.502(j) **Specific Condition No. B.15.**, shall be kept on file at the terminal for at least 5 years. Inspection records shall include, as a minimum, the following information:

- (1) Date of inspection.
- (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
- (3) Leak determination method.
- (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
- (5) Inspector name and signature.

[40 CFR 60.505(c)(1) – (5)]

B.38. The terminal owner or operator shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) **Specific Condition No. B.8.**, on file at the terminal for at least 5 years.

[40 CFR 60.505(d)]

B.39. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in **Specific Condition No. B.37.**, **Specific Condition No. B.38.**, and this **Specific Condition**, an owner or operator may comply with the requirements in either (1) or (2) of this **Specific Condition**.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with (1) of this **Specific Condition**.
- (2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (*e.g.*, via a card lock-out system), a copy of the documentation is made available (*e.g.*, via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.39. Continued:

- (i) The copy of each record in paragraph (2) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.
- (ii) The permitting authority is no **Specific Condition** section.

[40 CFR 60.505(e)(1) – (2)]

B.40. The owner or operator of an affected emission unit shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 5 years.

[40 CFR 60.505(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

B.41. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this **Specific Condition**.

- (1) Annual certification testing performed under 40 CFR 63.11092(f)(1) **Specific Condition No. B.22**.
- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
 - (i) *Name of test*: Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.
 - (vi) *Witnessing inspector, if any*: Name, signature, and affiliation.
 - (vii) *Vapor tightness repair*: Nature of repair work and when performed in relation to vapor tightness testing.
 - (viii) *Test results*: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11088(f), 40 CFR 63.11094(b)(1) – (2)]

B.42. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraph (b) of this section, an owner or operator may comply with the requirements in either (1) or (2) of this **Specific Condition**.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.42. Continued:

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this **Specific Condition**.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
 - (i) The copy of each record in (2) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this **Specific Condition**.

[40 CFR 63.11094(c)]

B.43. Each owner or operator subject to the equipment leak provisions of 40 CFR 63.11089 **Specific Condition No. B.16.**, shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40 CFR 63.11089, the record shall contain a full description of the program.

[40 CFR 63.11094(d)]

B.44. Each owner or operator of an affected source subject to equipment leak inspections under 40 CFR 63.11089 **Specific Condition No. B.16.**, shall record in the log book for each leak that is detected the information specified in (1) through (7) of this **Specific Condition**.

- (1) The equipment type and identification number.
- (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
- (3) The date the leak was detected and the date of each attempt to repair the leak.
- (4) Repair methods applied in each attempt to repair the leak.
- (5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.44. Continued:

(6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.

(7) The date of successful repair of the leak.

[40 CFR 63.11094(e)]

B.45. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall:

(1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.11092(b) **Specific Condition No. B.19**. This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.

(2) Record and report simultaneously with the Notification of Compliance Status required under 40 CFR 63.11093(b) **Specific Condition No. B.34**:

(i) All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.11092(b) **Specific Condition No. B.19**.

[40 CFR 63.11094(f)(1), (2)(i), (3), and (4)]

B.46. Each owner or operator of an affected source under this subpart shall keep records as specified in (1) and (2) of this **Specific Condition**.

(1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.

(2) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11094(g)]

B.47. Monthly records of the quantity of each product loaded shall be recorded. Records shall be maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Rule 62-296.510, F.A.C., and Rule 2.1101, JEPB, Construction Permit No. 0310179-017-AC]

B.48. Semiannual Compliance Report and Excess Emissions Report:

(a) The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.48. Continued:

- (1) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.
- (2) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- (b) Each owner or operator of an affected source subject to the control requirements of this subpart shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, are specified in (b)(1) through (5) of this **Specific Condition**.
- (1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.
- (2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.11094(b) **Specific Condition No. B.41**.
- (3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b) **Specific Condition No. B.19**. The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.
- (4) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:
 - (i) The date on which the leak was detected;
 - (ii) The date of each attempt to repair the leak;
 - (iii) The reasons for the delay of repair; and
 - (iv) The date of successful repair.

[40 CFR 63.11088(f), 40 CFR 63.11095(a)(2), (3); and 40 CFR 63.11095(b)(1), (2), (3), and (5)]

B.49. Semiannual Report. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.49. Continued:

40 CFR 63.11085(a) **Specific Condition No. B.6.**, including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

B.50. 40 CFR 63, Subpart A-General Provision. Table 3 to 40 CFR 63 Subpart BBBBBB shows which parts of the General Provisions that are applicable. *Refer to attached Appendix 40 CFR 63 Subpart A – General Provision.*

[40 CFR 63.11098]

B.51. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

MONITORING OF OPERATIONS

B.52. CAM Plan. This emission unit is subject to the Compliance Assurance Monitoring (CAM) requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C., and Rules 2.201 and 2.501, JEPB]

B.53. If your affected source's throughput ever exceeds an applicable throughput threshold in the definition of "bulk gasoline terminal" or in item 1 in Table 2 to this subpart, the affected source will remain subject to the requirements for sources above the threshold, even if the affected source throughput later falls below the applicable throughput threshold.

[40 CFR 63.11081(f)]

B.54. For the purpose of determining gasoline throughput, as used in the definition of bulk gasoline plant and bulk gasoline terminal, the 20,000 gallons per day threshold throughput is the maximum calculated design throughput for any day, and is not an average. An enforceable State, local, or Tribal permit limitation on throughput, established prior to the applicable compliance date, may be used in lieu of the 20,000 gallons per day design capacity throughput threshold to determine whether the facility is a bulk gasoline plant or a bulk gasoline terminal.

[40 CFR 63.11081(g)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection B. Emissions Unit 016 Tank Truck Loading System (Terminal A)

B.55. For any affected source subject to the provisions of 40 CFR 63, Subpart BBBBBBB and another Federal rule, you may elect to comply only with the more stringent provisions of the applicable subparts. You must consider all provisions of the rules, including monitoring, recordkeeping, and reporting. You must identify the affected source and provisions with which you will comply in your Notification of Compliance Status required under 40 CFR 63.11093 (**Specific Condition No. B.34.**). You also must demonstrate in your Notification of Compliance Status that each provision with which you will comply is at least as stringent as the otherwise applicable requirements in this subpart. You are responsible for making accurate determinations concerning the more stringent provisions; noncompliance with this rule is not excused if it is later determined that your determination was in error, and, as a result, you are violating this subpart. Compliance with this rule is your responsibility, and the Notification of Compliance Status does not alter or affect that responsibility.

[40 CFR 63.11081(i)]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

Subsection C. The specific conditions in this section apply to the following emissions units:

EU No.	Brief Description
019	<p>Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)</p> <p>Tanks Nos. 102 – 105 and Tank Nos. 109 – 111. Tank Nos. 102 (625,380 Gallons), Tank 103 (625,380 Gallons), Tank 104 (625,380 Gallons), Tank 105 (1,041,600 Gallons), Tank 109 (3,339,000 Gallons), Tank 110 (1,879,920 Gallons), and Tank 111 (5,227,320 Gallons) for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products.</p> <p>Control Device: Internal Floating Roof</p>

This emissions unit is subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions, State Reasonably Available Control Technology (RACT) requirements including Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities, and Petroleum Liquid Storage.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

C.1. Hours of Operation. This emission unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

C.2. 40 CFR 63, Subpart BBBBBB General Duties to Minimize Emissions.

(a) The facility 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. 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.

(b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. C.14.**) 40 CFR 63.11094(g) and (**Specific Condition No C.17.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b)]

C.3. The owner or operator of these storage vessels shall comply with each emission limit and management practice in Table 1 of 40 CFR 63 Subpart BBBBBB that applies to this emissions unit.

[40 CFR 63.11087(a)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

C.4. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

(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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a non-contact 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) 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) 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) 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) 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) 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) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

[Permit No. 0310179-026-AC; 40 CFR 60.112b(a)(1)(i), (ii)(C), (iii) - (ix), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBB Table 1 Row 2(b), and Rule 2.201, JEPB]

C.5. Storage vessels equipped with floating roofs and not meeting the requirements of **Specific Condition No. C.4.**, must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

[40 CFR 63.11087(b)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

- C.6.** If your gasoline storage tank complies with, the control requirements of 40 CFR part 60, Subpart Kb, your storage tank will be deemed in compliance with 40 CFR 63, Subpart BBBBBB. You must report this determination in the Notification of Compliance Status report under 40 CFR 63.11093(b) (**Specific Condition No. C.15**).

[40 CFR 63.11087(f)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

- C.7. Common Testing Requirements.** Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

C.8. 40 CFR 63, Subpart BBBBBB Testing Requirements.

Each owner or operator subject to the emission standard in **Specific Condition No. C.5.** (40 CFR 63.11087) for gasoline storage tanks shall comply with the requirements in this **Specific Condition**.

- (1) Gasoline storage tanks equipped with an internal floating roof, must perform inspections of the floating roof system according to the requirements of **Specific Condition No. C.6** (40 CFR 60.113b(a)) if you are complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB.

[40 CFR 63.11087(c), and 40 CFR 63.11092(e)1]

C.9. 40 CFR 63, Subpart BBBBBB Testing Requirements.

The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1) or (2) of this **Specific Condition**.

- (1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.
- (2) *Railcar bubble leak test procedures.* As an alternative to the annual certification test required under (1) of this **Specific Condition** for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with (2)(i) and (ii) of this **Specific Condition** for railcar cargo tanks, provided the railcar cargo tank meets the requirement in (2)(iii) of this **Specific Condition**.
- (i) Comply with the requirements of 49 CFR 173.31(d), 49 CFR 179.7, 49 CFR 180.509, and 49 CFR 180.511 for the periodic testing of railcar cargo tanks.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

C.9. Continued:

- (ii) The leakage pressure test procedure required under 49 CFR 180.509(j) and used to show no indication of leakage under 49 CFR 180.511(f) shall be ASTM E 515-95, BS EN 1593:1999, or another bubble leak test procedure meeting the requirements in 49 CFR 179.7, 49 CFR 180.505, and 49 CFR 180.509.
- (iii) The alternative requirements in (2) may not be used for any railcar cargo tank that collects gasoline vapors from a vapor balance system and the system complies with a Federal, State, local, or tribal rule or permit. A vapor balance system is a piping and collection system designed to collect gasoline vapors displaced from a storage vessel, barge, or other container being loaded, and routes the displaced gasoline vapors into the railcar cargo tank from which liquid gasoline is being unloaded.

[40 CFR 63.11092(f)(1), (2)(i), (ii), and (iii)]

RECORDKEEPING AND REPORTING REQUIREMENTS

- C.10.** Records required by 40 CFR 60.7(f) shall be retained in a permanent form for a minimum period of two years, unless otherwise specified.

[40 CFR 60.7(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

- C.11.** The facility shall keep records as specified in (**Specific Condition No. C.10.**) 40 CFR 60.115b of 40 CFR 60, Subpart Kb if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years.

[40 CFR 63.11094(a)]

- C.12.** The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this Specific Condition.

- (1) Annual certification testing performed under **Specific Condition No. C.9.**) 40 CFR 63.11092(f)(1) and periodic railcar bubble leak testing performed under (**Specific Condition No. C.9.**) 40 CFR 63.11092(f)(2).
- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
 - (i) *Name of test:* Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

C.12. Continued:

- (vi) *Witnessing inspector, if any:* Name, signature, and affiliation.
- (vii) *Vapor tightness repair:* Nature of repair work and when performed in relation to vapor tightness testing.
- (viii) *Test results:* Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11094(b)]

C.13. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in (**Specific Condition No. C.12.**), an owner or operator may comply with the requirements in either (1) or (2) of this Specific Condition.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this Specific Condition.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
 - (i) The copy of each record in (2) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this Specific Condition.

[40 CFR 63.11094(c)(1), and (2)]

C.14. The facility shall keep records as specified in (1) and (2) of this **Specific Condition**.

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with (**Specific Condition No. C.2.**) 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation. [40 CFR 63.11087(e), and 40 CFR 63.11094(g)(1), and (2)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection C. Emissions Unit 019- Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A)

NOTIFICATION

C.15. 40 CFR 63, Subpart BBBBBB Notifications.

- (1) The facility must submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to 40 CFR 63, Subpart BBBBBB is used to comply with this subpart.
- (2) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11087(d), and 40 CFR 63.11093(b), (d)]

C.16. **Semiannual Compliance Report.** The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

- (1) For storage vessels, if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in (**Specific Condition No. C.4.**) of 40 CFR 60, Subpart Kb, depending upon the control equipment installed.

[40 CFR 63.11087(e), and 40 CFR 63.11095(a)(1)]

C.17. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with (**Specific Condition No. C.2**) 40 CFR 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

C.18. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Permitting Authority upon request.

[Permit No. 0310179-013-AC and Rule 2.1401, JEPB]

C.19. **Other Reporting Requirements.** See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

C.20. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11087(d)]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection D. Emissions Unit 020- Fixed Roof Petroleum Storage Tanks (Terminal A)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
020	Fixed Roof Petroleum Storage Tanks (Terminal A) Tank No. 114 (3,370,920 Gallons), Tank No. 115 (3,369,660 Gallons) and Tank No. 117 (3,382.680 Gallons) for the storage of petroleum distillates (lower vapor pressure VOL products).

{This emissions unit is subject to Rule 62-296.320(1), F.A.C., and Rule 2.1101, JEPB.}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

D.1. Hours of Operation. This emission unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

D.2. Petroleum products stored in these tanks are distillate fuel oils such as Kerosene, No. 2 fuel oil, and other lower vapor pressure petroleum products.

[Rule 62-296.320(1), F.A.C., and Rule 2.1101, JEPB]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection E. Emissions Unit 022- Marine Petroleum Loading System (Terminal A)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
022	Marine Petroleum Loading System (Terminal A) Loading of marine vessels with kerosene or lower vapor pressure petroleum product

{This emissions unit is subject to Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB, and Rule 2.1401, JEPB}.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

E.1. Hours of Operation. This emission unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

E.2. The marine vessel loading operation **shall not be** subject to 40 CFR 63, Subpart Y - National Emission Standards for Marine Tank Vessel Tank Loading Operations since the Marine Tank Vessels Tank Loading Operation is not a major source.

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

E.3. Loading of Marine vessels with petroleum products shall be limited annually (12 month rolling total) as follows:

Petroleum Product	Annual Limit
Kerosene or lower vapor pressure petroleum product	10.0 million gallons

[Permit No. 0310179-013-AC, and Rule 2.1401, JEPB]

RECORDKEEPING AND REPORTING REQUIREMENTS

E.4. Monthly Records. Monthly records of the marine loading operation throughput shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Permit No. 0310179-013-AC, and Rule 2.1401, JEPB]

E.5. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection F. Emissions Unit 023- Railcar Tanker Loading System (Terminal A)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
023	Railcar Tanker Loading System (Terminal A) Loading of railcars with kerosene or lower vapor pressure petroleum product

{This emissions unit is subject to Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB Rule 2.1401, JEPB.}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

F.1. Hours of Operation. This emission unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

F.2. Loading of railcar tankers with petroleum products shall be limited annually (12 month rolling total) as follows:

Petroleum Product	Annual Limit
Kerosene or lower vapor pressure petroleum product	45.0 million gallons

[Permit No. 0310179-013-AC, and Rule 2.1401, JEPB]

RECORDKEEPING AND REPORTING REQUIREMENTS

F.3. Monthly records of the railcar loading operation throughput shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Permit No. 0310179-013-AC, and Rule 2.1401, JEPB]

F.4. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
024	<p>Tank Truck Loading Rack (Terminal B)</p> <p>Tank Truck Loading System loading gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products.</p> <p>Control Device: Jordan Model JT-9078-8540-700 Carbon Adsorption/Absorption Vapor Recovery Unit (VRU) – located at Terminal A or Callidus, Inc. Vapor Combustion Unit [VCU (Backup)] – located at Terminal B.</p>

This emissions unit is subject to 40 CFR 60, Subpart XX, Standards of Performance for Standards of Performance for Bulk Gasoline Terminals, 40 CFR 60, Subpart A, General Provisions, 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions. This emissions unit is also subject to Reasonably Available Control Technology (RACT) – Volatile Organic Compounds (VOC) Rule 62-296.510, FAC, Bulk Gasoline Terminals.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

G.1. Hours of Operation. This emissions unit (each vessel) may operate continuously (8,760 hours/year). Rule [Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

Emission Limitations and Standards

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

G.2. The maximum throughput shall not exceed 90,000 gallons per hour of gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends. The gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, gasoline/denatured ethanol blends loading operational rate shall not exceed the manufacturer's maximum design rate. This throughput rate applies when the VCU is only servicing gasoline, aviation gasoline, gasoline/denatured ethanol blends, and gasoline/denatured ethanol/butane blends vapors generated from EU 024 directly (non-bladder tank mode).

[Rule 62-210.200(PTE), FAC, Rule 2.301, JEPB, Construction Permit No. 0310179-017-AC]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)**G.3. Total Organic Compounds (TOC) Emissions.**

POLLUTANT	STANDARD	RULE
Total Organic Compounds (TOC)	The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 20 milligrams of total organic compounds per liter of gasoline loaded.	Facility requested 0310179-001-AF
	The emissions to the atmosphere from the vapor collection system due to the loading of liquid product into gasoline tank trucks are not to exceed 35 milligrams of total organic compounds per liter of gasoline loaded.	40 CFR 60.502(b) 40 CFR 60, Subpart XX
	Reduce emissions of TOC to less than or equal to 80 mg/l of gasoline loaded into gasoline cargo tanks at the loading rack.	40 CFR 63.11088(a), Table 2, Option 1(b) to Subpart BBBB, and Rule 62-296.510(2), F.A.C.

[0310179-005-AF, Rule 40 CFR 60.502(b), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.4. Vapor Collection System Design 40 CFR 63, Subpart BBBB and 40 CFR 60, Subpart XX.

- a. Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading.
- 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.
- c. Design and operate the vapor collection system to prevent any TOC vapors collected at one loading rack or lane from passing through another loading rack or lane to the atmosphere.
- d. Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j) of 40 CFR 60, Subpart XX. For the purposes of this section, the term “tank truck” as used in 40 CFR 60.502(e) through (j) of this 40 CFR 60, Subpart XX means “cargo tank” as defined in 40 CFR 63.11100.

*{Permitting Note: The facility has chosen to meet the more stringent TOC limit in **Specific Condition G.3.**}*

[40 CFR 63.11088(a), 40 CFR 63, Subpart BBBB Table 2, Row 1, and 40 CFR 60.502 (a) – (d)]

G.5. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

- (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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.5. Continued:

A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a non-contact 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) 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) 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) 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) 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) 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) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

[40 CFR 60.112b(a)(1)(i), (ii)(C), (iii) - (ix), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBBBB Table 1 Row 2(b), 40 CFR 63.11088(a), and Rule 2.201, JEPB]

G.6. 40 CFR 63, Subpart BBBBBB General Duties to Minimize Emissions.

(a) The facility 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. 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.

(b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. G.49.**) 40 CFR 63.11094(g) and (**Specific Condition No G.46.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.7. Liquid Product Loading. Limit the loading of gasoline into gasoline cargo tanks that are vapor tight using the procedures specified in 40 CFR 60.502(e) through (j) of 40 CFR 60, Subpart XX. For the purposes of this section, the term “tank truck” as used in 40 CFR 60.502(e) through (j) of 40 CFR 60, Subpart XX means “cargo tank” as defined in 40 CFR 63.11100.

- (1) The owner or operator shall obtain the vapor tightness documentation described in 40 CFR 60.505(b) **Specific Condition No. G.33.**, for each gasoline tank truck which is to be loaded at the affected facility.
- (2) The owner or operator shall require the tank identification number to be recorded as each gasoline tank truck is loaded at the affected facility.
- (3)(i) The owner or operator shall cross-check each tank identification number obtained in (2) of this **Specific Condition** with the file of tank vapor tightness documentation within 2 weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (A) If less than an average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (B) If less than an average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.
- (ii) If either the quarterly or semiannual cross-check provided in (3)(i) (A) through (B) of this **Specific Condition** reveals that these conditions were not maintained, the source must return to biweekly monitoring until such time as these conditions are again met.
- (4) The terminal owner or operator shall notify the owner or operator of each non-vapor-tight gasoline tank truck loaded at the affected facility within 1 week of the documentation cross-check in (3) of this **Specific Condition**.
- (5) The terminal owner or operator shall take steps assuring that the nonvapor-tight gasoline tank truck will not be reloaded at the affected facility until vapor tightness documentation for that tank is obtained.
- (6) Alternate procedures to those described in (1) through (5) of this **Specific Condition** for limiting gasoline tank truck loadings may be used upon application to, and approval by, the Administrator.

[40 CFR 60.502(e)(1) - (6); and 40 CFR 63.11088(a), Table 2, Option 1(d) to Subpart BBBBBB of Part 63; Rule 62-204.800(8), FAC, Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB]

G.8. Loadings. The owner or operator shall act to assure that loadings of gasoline tank trucks at the affected facility are made only into tanks equipped with vapor collection equipment that is compatible with the terminal's vapor collection system.

[40 CFR 60.502(f); Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.9. Vapor Collection Systems. The owner or operator shall act to assure that the terminal's and the tank truck's vapor collection systems are connected during each loading of a gasoline tank truck at the affected facility. Examples of actions to accomplish this include training drivers in the hookup procedures and posting visible reminder signs at the affected loading racks.

[40 CFR 60.502(g); Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

G.10. Vapor Collection and Liquid Loading Equipment Design. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the delivery tank from exceeding 4,500 pascals (450 mm of water) during product loading. This level is not to be exceeded when measured by the procedures specified in 40 CFR 60.503(d) **Specific Condition No. G.23.**

[40 CFR 60.502(h); Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

G.11. Vapor collection System. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).

[40 CFR 60.502(i); Rule 62-204.800, F.A.C.; and Rule 2.201, JEPB]

G.12. Inspection. Each calendar month, the vapor collection system, the vapor processing system, and each loading rack handling gasoline shall be inspected during the loading of gasoline tank trucks for total organic compounds liquid or vapor leaks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.

[40 CFR 60.502(j); Rule 62-204.800, F.A.C.; 40 CFR 63.11089(a); and Rule 2.201, JEPB]

G.13. Equipment Leak Inspections.

- (a) The owner or operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100 Definitions. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
- (b) A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- (c) Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in (d) of this **Specific Condition**.
- (d) Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in 40 CFR 63.11095(b) **Specific Condition No. G.45.**, the reason(s) why the repair was not feasible and the date each repair was completed.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.13. Continued:

- (e) You must comply with the requirements of this subpart by the applicable dates specified in 40 CFR 63.11083.
- (f) You must submit the applicable notifications as required under 40 CFR 63.11093 (**Specific Condition No. G.31.**).
- (g) You must keep records and submit reports as specified in 40 CFR 63.11094 and 40 CFR 63.11095 **Specific Condition Nos. G.38.- G.43., and G.45.**

[40 CFR 63.11089(a) – (d)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

G.14. Conduct a performance test on the vapor processing and collection systems.

- (i) Use the test methods and procedures in 40 CFR 60.503 of 40 CFR 60 Subpart XX, except a reading of 500 parts per million shall be used to determine the level of leaks to be repaired under 40 CFR 60.503(b) of 40 CFR 60, Subpart XX.

[40 CFR 63.11088(d), 40 CFR 63.11092(a)(1)(i), Rule 62-204.800, F.A.C. and Rule 2.1401, JEPB]

40 CFR 63, Subpart BBBBBB

G.15. Monitored Operating Parameter Value for the Vapor Processing System. The performance test conducted under **Specific Condition No. G.14.**, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in (i) of this **Specific Condition**. During the performance test, continuously record the operating parameter as specified this **Specific Condition**.

- (i) Where a carbon adsorption system is used, the owner or operator shall monitor the operation of the system as specified in **Specific Condition No. G.16**.

[40 CFR 63.11088(d), 40 CFR 63.11092(b)(1)(i), Rule 62-204.800, F.A.C. and Rule 2.1401, JEPB]

G.16. Each owner 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 (b)(1) of this **Specific Condition**.

- (1) For each performance test conducted under paragraph (a)(1) of this **Specific Condition**, the owner or operator shall determine a monitored operating parameter value for the vapor processing system using the procedures specified in (b)(1)(i) of this **Specific Condition**. During the performance test, continuously record the operating parameter as specified under (b)(1)(i) of this **Specific Condition**.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.16. Continued:

- (i) Where a carbon adsorption system is used, the owner or operator shall monitor the operation of the system as specified in paragraphs (b)(1)(i)(A).
- (A) A continuous emissions monitoring system (CEMS) capable of measuring organic compound concentration shall be installed in the exhaust air stream.
- (2) Monitoring an alternative operating parameter or a parameter of a vapor processing system other than those listed in (b)(1)(i) of this **Specific Condition** will be allowed upon demonstrating to the Administrator's satisfaction that the alternative parameter demonstrates continuous compliance with the emission standard in 40 CFR 63.11088(a).

[40 CFR 63.11092(b)(1)(i)(A); (b)(1)(iii)(B); and (b)(1)(iv)]

G.17. CPMS Operating Parameter- Subsequent Performance Tests. For performance tests performed after the initial test required under **Specific Condition No. Error! Reference source not found.**, the owner or operator shall document the reasons for any change in the operating parameter value since the previous performance test.

[40 CFR 63.11092(c)]

G.18. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall comply with the requirements in (1) through (3) of this **Specific Condition**.

- (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 **Specific Condition No. G.16(1)**.
- (2) In cases where an alternative parameter pursuant to **Specific Condition No. G.16(2)** 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.
- (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 40 CFR 63.11088(a) **Specific Condition No. G.3**.

[40 CFR 63.11092(d)]

G.19. Annual Certification Test. The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1).

- (1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

[40 CFR 63.11092(f)(1)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.20. Performance Tests. 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. 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.

[40 CFR 63.11092(g)]

40 CFR 60, Subpart XX

G.21. Immediately before the performance test required to determine compliance with 40 CFR 60.502(b) **Specific Condition No. G.3.**, and 40 CFR 60.502(h) **Specific Condition No. G.10.**, the owner or operator shall use Method 21 to monitor for leakage of vapor all potential sources in the terminal's vapor collection system equipment while a gasoline tank truck is being loaded. The owner or operator shall repair all leaks with readings of 10,000 ppm (as methane) or greater before conducting the performance test.

[40 CFR 60.503(b)]

G.22. The owner or operator shall determine compliance with the standards in 40 CFR 60.502(b) **Specific Condition No. G.3.**, as follows:

- (1) The performance test shall be 6 hours long during which at least 300,000 liters of gasoline is loaded. If this is not possible, the test may be continued the same day until 300,000 liters of gasoline is loaded or the test may be resumed the next day with another complete 6-hour period. In the latter case, the 300,000-liter criterion need not be met. However, as much as possible, testing should be conducted during the 6-hour period in which the highest throughput normally occurs.
- (2) If the vapor processing system is intermittent in operation, the performance test shall begin at a reference vapor holder level and shall end at the same reference point. The test shall include at least two startups and shutdowns of the vapor processor. If this does not occur under automatically controlled operations, the system shall be manually controlled.
- (3) The emission rate (E) of total organic compounds shall be computed using the following equation:

$$E = K \sum_{i=1}^n (V_{esi} C_{ei}) / (L 10^6)$$

where:

E = emission rate of total organic compounds, mg/liter of gasoline loaded.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.22. Continued:

V_{esi} = volume of air-vapor mixture exhausted at each interval “i”, scm.

C_{ei} = concentration of total organic compounds at each interval “i”, ppm.

L = total volume of gasoline loaded, liters.

n = number of testing intervals.

i = emission testing interval of 5 minutes.

K = density of calibration gas, 1.83×10^6 for propane and 2.41×10^6 for butane, mg/scm.

- (4) The performance test shall be conducted in intervals of 5 minutes. For each interval “i”, readings from each measurement shall be recorded, and the volume exhausted (V_{esi}) and the corresponding average total organic compounds concentration (C_{ei}) shall be determined. The sampling system response time shall be considered in determining the average total organic compounds concentration corresponding to the volume exhausted.
- (5) The following methods shall be used to determine the volume (V_{esi}) air-vapor mixture exhausted at each interval:
 - (i) Method 2B shall be used for combustion vapor processing systems.
 - (ii) Method 2A shall be used for all other vapor processing systems.
- (6) Method 25A or 25B shall be used for determining the total organic compounds concentration (C_{ei}) at each interval. The calibration gas shall be either propane or butane. The owner or operator may exclude the methane and ethane content in the exhaust vent by any method (e.g., Method 18) approved by the Administrator.
- (7) To determine the volume (L) of gasoline dispensed during the performance test period at all loading racks whose vapor emissions are controlled by the processing system being tested, terminal records or readings from gasoline dispensing meters at each loading rack shall be used.

[40 CFR 60.503(c); Rule 62-204.800, F.A.C.; Rule 62-296.510(4), and Rule 2.201, JEPB]

G.23. The owner or operator shall determine compliance with the standard in 40 CFR 60.502(h) **Specific Condition No. G.10.**, as follows:

- (1) A pressure measurement device (liquid manometer, magnehelic gauge, or equivalent instrument), capable of measuring up to 500 mm of water gauge pressure with ± 2.5 mm of water precision, shall be calibrated and installed on the terminal's vapor collection system at a pressure tap located as close as possible to the connection with the gasoline tank truck.

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Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.23. Continued:

(2) During the performance test, the pressure shall be recorded every 5 minutes while a gasoline truck is being loaded; the highest instantaneous pressure that occurs during each loading shall also be recorded. Every loading position must be tested at least once during the performance test.

[40 CFR 60.503(d)]

STATE REQUIREMENTS

G.24. Control Technology. Equip your loading rack(s) with a vapor collection system designed to collect the TOC vapors displaced from cargo tanks during product loading. Gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends shall not be loaded into tank trucks unless the vapors are vented to the operating vapor control systems. Distillate products may be loaded into tank trucks (which on the previous load did not carry gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blend) without being vented to the vapor holding tank, the VRU, or the VCU.

- A means is provided to prevent liquid waste from the loading device to exceed the quantity specified for the self-sealing coupler or adapter according to API regulation RP 1004 (or equivalent) upon the loading device being disconnected or when it is not in use (the above referenced are available from the American Petroleum Institute, 2101 "L" Street N. W., Washington, D.C. 20037); and,
- All loading and vapor lines equipped with fittings are vapor tight.

[Rule 62-296.510(3)(a) – (d), F.A.C. (Amended 7-10-14); Rule 2.1101, JEPB; Table 2, Option 1(a) to Subpart BBBBBB]

G.25. The terminal owner/operator must ensure that each truck's vapor collection system is connected to the terminal's vapor collection system during loading of the tank truck (with gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blend) and is vapor tight.

[Rule 62-296.510(3), F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310179-017-AC]

G.26. Compliance testing shall be conducted on the potential sources of vapor leakage in the vapor collection system and the tank truck during the compliance test required by **Specific Condition No. G.13.**

[Rule 62-296.510(4), F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310179-017-AC]

G.27. Test Methods shall be EPA RM 21 and EPA RM 27 (40 CFR 60, Appendix A, adopted by reference in Rule 62-297, FAC, and Rule 2.1201, JEPB, as applicable. Testing shall also be conducted in accordance with Rule 62-297.440(2)(b)2.a., F.A.C., and Rule 2.1201, JEPB.

[Construction Permit No. 0310179-017-AC]

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Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.28. Testing for demonstration of compliance at the VRU/VCU shall be performed in accordance with EPA Reference Method 2A, 2B, 25A/25B, (as described in 40 CFR 60, Appendix A) for the VOC concentration.

Testing shall also be conducted in accordance with Rule 62-297.440(2)(b)1.a., F.A.C., and Rule 2.1201, JEPB.

[Construction Permit No. 0310179-017-AC]

G.29. Testing for TOC shall be conducted annually (except in 2016) from the date of July 1, 2012 on the Jordan VRU. Permit renewal testing for TOC shall be conducted on the Callidus, Inc. VCU on or about the date of July 1, 2016 in lieu of the 2016 annual test on the Jordan VRU.

[Rule 40 CFR 60.503, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.30. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

NOTIFICATION

G.31. Notifications to submit.

(a) Each owner or operator of an affected source under this subpart must submit an Initial Notification as specified in 40 CFR 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 **Specific Condition** may be submitted in lieu of the Initial Notification.

(b) Notification of Compliance Status. Each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in 40 CFR 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.

(c) Notification of Performance Test. Submit a Notification of Performance Test, as specified in 40 CFR 63.9(e), prior to initiating testing required by 40 CFR 63.11092(a) **Specific Condition No. G.18.** or 40 CFR 63.11092(b) **Specific Condition No. G.18.**

(d) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11088(e), and 40 CFR 63.11093(a) – (d)]

RECORDKEEPING, AND REPORTING REQUIREMENTS

G.32. The tank truck vapor tightness documentation required under 40 CFR 60.502(e)(1) **Specific Condition No. G.7.**, shall be kept on file at the terminal in a permanent form available for inspection.

[40 CFR 60.505(a), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.33. The documentation file for each gasoline tank truck shall be updated at least once per year to reflect current test results as determined by Method 27. This documentation shall include, as a minimum, the following information:

- (1) Test title: Gasoline Delivery Tank Pressure Test—EPA Reference Method 27.
- (2) Tank owner and address.
- (3) Tank identification number.
- (4) Testing location.
- (5) Date of test.
- (6) Tester name and signature.
- (7) Witnessing inspector, if any: Name, signature, and affiliation.
- (8) Test results: Actual pressure change in 5 minutes, mm of water (average for 2 runs).

[40 CFR 60.505(b)]

G.34. A record of each monthly leak inspection required under 40 CFR 60.502(j) **Specific Condition No. G.12.**, shall be kept on file at the terminal for at least 5 years. Inspection records shall include, as a minimum, the following information:

- (1) Date of inspection.
- (2) Findings (may indicate no leaks discovered; or location, nature, and severity of each leak).
- (3) Leak determination method.
- (4) Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
- (5) Inspector name and signature.

[40 CFR 60.505(c)(1) – (5)]

G.35. The terminal owner or operator shall keep documentation of all notifications required under 40 CFR 60.502(e)(4) **Specific Condition No. G.7.**, on file at the terminal for at least 5 years.

[40 CFR 60.505(d)]

G.36. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in **Specific Condition No. G.34.**, **Specific Condition No. G.35.**, and this **Specific Condition**, an owner or operator may comply with the requirements in either (1) or (2) of this **Specific Condition**.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.36. Continued:

(ii) The permitting authority is notified in writing that each terminal using this alternative is in compliance with (1) of this **Specific Condition**.

(2) For facilities that utilize a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (*e.g.*, via a card lock-out system), a copy of the documentation is made available (*e.g.*, via facsimile) for inspection by permitting authority representatives during the course of a site visit, or within a mutually agreeable time frame.

(ii) The copy of each record in paragraph (2) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.

(ii) The permitting authority is no **Specific Condition** section.

[40 CFR 60.505(e)(1) – (2)]

G.37. The owner or operator of an affected emission unit shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 5 years.

[40 CFR 60.505(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

G.38. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this **Specific Condition**.

(1) Annual certification testing performed under 40 CFR 63.11092(f)(1) **Specific Condition No. G.19**.

(2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:

(i) *Name of test:* Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.

(ii) Cargo tank owner's name and address.

(iii) Cargo tank identification number.

(iv) Test location and date.

(v) Tester name and signature.

(vi) *Witnessing inspector, if any:* Name, signature, and affiliation.

(vii) *Vapor tightness repair:* Nature of repair work and when performed in relation to vapor tightness testing.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.38. Continued:

- (viii) *Test results:* Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11088(f), 40 CFR 63.11094(b)(1) – (2)]

G.39. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in paragraph (b) of this section, an owner or operator may comply with the requirements in either (1) or (2) of this **Specific Condition**.

(1) An electronic copy of each record is instantly available at the terminal.

(i) The copy of each record in (1) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.

(ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this **Specific Condition**.

(2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.

(i) The copy of each record in (2) of this **Specific Condition** is an exact duplicate image of the original paper record with certifying signatures.

(ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this **Specific Condition**.

[40 CFR 63.11094(c)]

G.40. Each owner or operator subject to the equipment leak provisions of 40 CFR 63.11089 **Specific Condition No. G.13.**, shall prepare and maintain a record describing the types, identification numbers, and locations of all equipment in gasoline service. For facilities electing to implement an instrument program under 40 CFR 63.11089, the record shall contain a full description of the program.

[40 CFR 63.11094(d)]

G.41. Each owner or operator of an affected source subject to equipment leak inspections under 40 CFR 63.11089 **Specific Condition No. G.13.**, shall record in the log book for each leak that is detected the information specified in (1) through (7) of this **Specific Condition**.

(1) The equipment type and identification number.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.41. Continued:

- (2) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, or smell).
- (3) The date the leak was detected and the date of each attempt to repair the leak.
- (4) Repair methods applied in each attempt to repair the leak.
- (5) "Repair delayed" and the reason for the delay if the leak is not repaired within 15 calendar days after discovery of the leak.
- (6) The expected date of successful repair of the leak if the leak is not repaired within 15 days.
- (7) The date of successful repair of the leak.

[40 CFR 63.11094(e)]

G.42. Each owner or operator of a bulk gasoline terminal subject to the provisions of this subpart shall:

- (1) Keep an up-to-date, readily accessible record of the continuous monitoring data required under 40 CFR 63.11092(b) **Specific Condition No. G.15**. This record shall indicate the time intervals during which loadings of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data only during such loadings. The date and time of day shall also be indicated at reasonable intervals on this record.
- (2) Record and report simultaneously with the Notification of Compliance Status required under 40 CFR 63.11093(b) **Specific Condition No. G.31**.
 - (i) All data and calculations, engineering assessments, and manufacturer's recommendations used in determining the operating parameter value under 40 CFR 63.11092(b) **Specific Condition No. G.15**.

[40 CFR 63.11094(f)(1), (2)(i), (3), and (4)]

G.43. Each owner or operator of an affected source under this subpart shall keep records as specified in (1) and (2) of this **Specific Condition**.

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11094(g)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.44. Monthly records of the quantity of each product loaded shall be recorded. Records shall be maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Rule 62-296.510, F.A.C., and Rule 2.1101, JEPB, Construction Permit No. 0310179-017-AC]

G.45. Semiannual Compliance Report and Excess Emissions Report:

(a) The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

- (1) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.
- (2) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- (b) Each owner or operator of an affected source subject to the control requirements of this subpart shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, are specified in (b)(1) through (5) of this **Specific Condition**.
 - (1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.
 - (2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.11094(b) **Specific Condition No. G.38**.
 - (3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b) **Specific Condition No. G.15**. The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.
 - (4) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:
 - (i) The date on which the leak was detected;
 - (ii) The date of each attempt to repair the leak;
 - (iii) The reasons for the delay of repair; and
 - (iv) The date of successful repair.

[40 CFR 63.11088(f), 40 CFR 63.11095(a)(2), (3); and 40 CFR 63.11095(b)(1), (2), (3), and (5)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.46. Semiannual Report. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with

40 CFR 63.11085(a) **Specific Condition No. G.6.**, including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

G.47. 40 CFR 63, Subpart A-General Provision. Table 3 to 40 CFR 63 Subpart BBBBBB shows which parts of the General Provisions that are applicable. *Refer to attached Appendix 40 CFR 63 Subpart A – General Provision.*

[40 CFR 63.11098]

G.48. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

MONITORING OF OPERATIONS

G.49. CAM Plan. This emission unit is subject to the CAM requirements contained in the attached Appendix CAM. Failure to adhere to the monitoring requirements specified does not necessarily indicate an exceedance of a specific emissions limitation; however, it may constitute good reason to require compliance testing pursuant to Rule 62-297.310(7)(b), FAC, and Rule 2.1201, JEPB.

[40 CFR 64; and, Rules 62-204.800 and 62-213.440(1)(b)1.a., F.A.C., and Rules 2.201 and 2.501, JEPB]

G.50. If your affected source's throughput ever exceeds an applicable throughput threshold in the definition of “bulk gasoline terminal” or in item 1 in Table 2 to this subpart, the affected source will remain subject to the requirements for sources above the threshold, even if the affected source throughput later falls below the applicable throughput threshold.

[40 CFR 63.11081(f)]

G.51. For the purpose of determining gasoline throughput, as used in the definition of bulk gasoline plant and bulk gasoline terminal, the 20,000 gallons per day threshold throughput is the maximum calculated design throughput for any day, and is not an average. An enforceable State, local, or Tribal permit limitation on throughput, established prior to the applicable compliance date, may be used in lieu of the 20,000 gallons per day design capacity throughput threshold to determine whether the facility is a bulk gasoline plant or a bulk gasoline terminal.

[40 CFR 63.11081(g)]

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Subsection G. Emissions Unit 024- Tank Truck Loading Rack (Terminal B)

G.52. For any affected source subject to the provisions of 40 CFR 63, Subpart BBBBBBB and another Federal rule, you may elect to comply only with the more stringent provisions of the applicable subparts. You must consider all provisions of the rules, including monitoring, recordkeeping, and reporting. You must identify the affected source and provisions with which you will comply in your Notification of Compliance Status required under 40 CFR 63.11093 (**Specific Condition No. G.31**).

G.53. You also must demonstrate in your Notification of Compliance Status that each provision with which you will comply is at least as stringent as the otherwise applicable requirements in this subpart. You are responsible for making accurate determinations concerning the more stringent provisions; noncompliance with this rule is not excused if it is later determined that your determination was in error, and, as a result, you are violating this subpart. Compliance with this rule is your responsibility, and the Notification of Compliance Status does not alter or affect that responsibility.

[40 CFR 63.11081(i)]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection H. Emissions Unit 026- Petroleum Storage Tank No. 1 (Terminal B)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
026	Petroleum Storage Tank No. 1 (Terminal B) Tank No. 1 (2,284,422 gallons) - kerosene or lower vapor pressure petroleum products.

{This emissions unit is subject to Rule 62-296.320(1)(a), F.A.C., and Rule 2.1101, JEPB.

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

H.1. Hours of Operation. This emissions unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

H.2. The permittee shall allow no person to store, pump, handle, process, load, unload, or use in any installation, VOC or OS without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Permitting Authority shall apply to Tank No. 1.

[Rule 62-296.320(1)(a), F.A.C., and Rule 2.1101, JEPB]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
027	Petroleum Storage Tank No. 2 (Terminal B) Tank No. 2 (1,276,800 gallons), for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blend, or lower vapor pressure VOL products. Control Device: Internal floating roofs

{This emissions unit is subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions, State Reasonably Available Control Technology (RACT) requirements including Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO_x) Emitting Facilities, and Petroleum Liquid Storage.}

Essential Potential to Emit (PTE) Parameters

I.1. Hours of Operation: This emissions unit is allowed to operate continuously, i.e., 8,760 hrs/yr.

[Rule 62-210.200(PTE), F.A.C., and Rule 2.301, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

I.2. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

(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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

A mechanical shoe seal. A mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.

(iii) Each opening in a non-contact 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.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

I.2. Continued:

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

[40 CFR 60.112b(a)(1)(i), (ii)(C), (iii) - (ix), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBBBB Table 1 Row 2(b), and Rule 2.201, JEPB]

I.3. 40 CFR 63, Subpart BBBBBB General Duties to Minimize Emissions.

(a) The facility 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. 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.

(b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. I.14.**) 40 CFR 63.11094(g) and (**Specific Condition No I.17.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.4. Gasoline Storage Tanks for a Bulk Gasoline Terminal.

The facility must meet each emission limit and management practice in Table 1 to 40 CFR 63, Subpart BBBBBB that applies to your gasoline storage tank (**Specific Condition I.2.**).

[40 CFR 63.11087(a); Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

- I.5.** Reasonably Available Control Technology (RACT) requirements including **Volatile Organic Compounds (VOC) and Nitrogen Oxides (NO_x) Emitting Facilities** [Rule 62-296.500(1 & 2), FAC, and Rule 2.1101, JEPB]; and **Petroleum Liquid Storage** shall apply to this emission unit.

[Rule 62-296.508, F.A.C., and Rule 2.1101, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

- I.6.** Storage vessels equipped with floating roofs and not meeting the requirements of **Specific Condition No. H.2.**, must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

[40 CFR 63.11087(b)]

- I.7.** If your gasoline storage tank complies with, the control requirements of 40 CFR part 60, Subpart Kb, your storage tank will be deemed in compliance with 40 CFR 63, Subpart BBBBBB. You must report this determination in the Notification of Compliance Status report under 40 CFR 63.11093(b) (**Specific Condition No. I.15.**).

[40 CFR 63.11087(f)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

I.8. 40 CFR 63, Subpart BBBBBB Testing Requirements.

Each owner or operator subject to the emission standard in **Specific Condition No. I.4.** (40 CFR 63.11087) for gasoline storage tanks shall comply with the requirements in this **Specific Condition.**

- i. Gasoline storage tanks equipped with an internal floating roof, must perform inspections of the floating roof system according to the requirements of this **Specific Condition** (40 CFR 60.113b(a)(1) if you are complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB.
- ii. 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.

[40 CFR 63.11087(c), and 40 CFR 63.11092(e)1, 40 CFR 60.113b(a), Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.9. 40 CFR 63, Subpart BBBBBB Testing Requirements.

The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1) or (2) of this **Specific Condition.**

- (1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm)

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

I.9. Continued:

of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

(2) *Railcar bubble leak test procedures.* As an alternative to the annual certification test required under (1) of this **Specific Condition** for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with (2)(i) and (ii) of this **Specific Condition** for railcar cargo tanks, provided the railcar cargo tank meets the requirement in (2)(iii) of this **Specific Condition**.

(i) Comply with the requirements of 49 CFR 173.31(d), 49 CFR 179.7, 49 CFR 180.509, and 49 CFR 180.511 for the periodic testing of railcar cargo tanks.

(ii) The leakage pressure test procedure required under 49 CFR 180.509(j) and used to show no indication of leakage under 49 CFR 180.511(f) shall be ASTM E 515-95, BS EN 1593:1999, or another bubble leak test procedure meeting the requirements in 49 CFR 179.7, 49 CFR 180.505, and 49 CFR 180.509.

(iii) The alternative requirements in (2) may not be used for any railcar cargo tank that collects gasoline vapors from a vapor balance system and the system complies with a Federal, State, local, or tribal rule or permit. A vapor balance system is a piping and collection system designed to collect gasoline vapors displaced from a storage vessel, barge, or other container being loaded, and routes the displaced gasoline vapors into the railcar cargo tank from which liquid gasoline is being unloaded.

[40 CFR 63.11092(f)(1), (2)(i), (ii), and (iii)]

I.10. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

RECORDKEEPING AND REPORTING REQUIREMENTS

I.11. The facility shall keep records as specified in 40 CFR 60.7(f) (40 CFR 60.115b of 40 CFR 60, Subpart Kb) if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years.

[40 CFR 60.7(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB, and 40 CFR 63.11094(a)]

I.12. The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this Specific Condition.

(1) Annual certification testing performed under **Specific Condition No. I.9.)** 40 CFR 63.11092(f)(1) and periodic railcar bubble leak testing performed under (**Specific Condition No. I.9.)** 40 CFR 63.11092(f)(2).

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

I.12. Continued:

- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
- (i) *Name of test*: Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.
 - (vi) *Witnessing inspector, if any*: Name, signature, and affiliation.
 - (vii) *Vapor tightness repair*: Nature of repair work and when performed in relation to vapor tightness testing.
 - (viii) *Test results*: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11094(b)]

- I.13.** As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in (**Specific Condition No. I.12**), an owner or operator may comply with the requirements in either paragraph (1) or paragraph (2) of this Specific Condition.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in (1) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this Specific Condition.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
 - (i) The copy of each record in (2) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this Specific Condition.

[40 CFR 63.11094(c)(1), and (2)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection I. Emissions Unit 027- Petroleum/Denatured Ethanol Storage Tank No. 2 (Terminal B)

I.14. The facility shall keep records as specified in (1) and (2) of this **Specific Condition**.

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with (**Specific Condition No. I.3.**) 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11087(e), and 40 CFR 63.11094(g)(1), and (2)]

NOTIFICATIONS

I.15. 40 CFR 63, Subpart BBBBBB Notifications.

- (1) The facility must submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to 40 CFR 63, Subpart BBBBBB is used to comply with this subpart.
- (2) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11087(d), 40 CFR 63.11093(b), (d), Rule 62-204.800(11), F.A.C., Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.16. Semiannual Compliance Report. The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

- (1) For storage vessels, if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in (**Specific Condition No. I.8.**) of 40 CFR 60, Subpart Kb, depending upon the control equipment installed.

[40 CFR 63.11087(e), 40 CFR 63.11095(a)(1), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.17. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with (**Specific Condition No. I.3.**) 40 CFR 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

I.18. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
028	Petroleum Storage Tank No. 5 (Terminal B) Tank No. 5 (2,181,144 Gallons) - gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blend or lower vapor pressure VOL products. Control Device: Internal Floating Roof

This emissions unit is subject to 40 CFR 60, Subpart Ka, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984, 40 CFR 60, Subpart A, General Provisions, 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

J.1. Hours of Operation. This emissions unit (each vessel) may operate continuously (8,760 hours/year).
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

J.2. A fixed roof with an internal floating type cover equipped with a continuous closure device between the tank wall and the cover edge. The cover is to be floating at all times, (i.e., off the leg supports) except during initial fill and when the tank is completely emptied and subsequently refilled. The process of emptying and refilling when the cover is resting on the leg supports shall be continuous and shall be accomplished as rapidly as possible. Each opening in the cover except for automatic bleeder vents and the rim space vents is to provide a projection below the liquid surface. Each opening in the cover except for automatic bleeder vents, rim space vents, stub drains and leg sleeves is to be equipped with a cover, seal, 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. Automatic bleeder vents are to be closed at all times when the cover is floating except when the cover is being floated off or is being landed on the leg supports. Rim vents are to be set to open only when the cover is being floated off the leg supports or at the manufacturer's recommended setting.

[40 CFR 60.112a(a)(2), Rule 62.204.800, F.A.C., 40 CFR 63, Subpart BBBBBB Table 1 Row 2(b), and Rule 2.201, JEPB]

J.3. A vapor recovery system which collects all VOC vapors and gases discharged from the storage vessel, and a vapor return or disposal system which is designed to process such VOC vapors and gases so as to reduce their emission to the atmosphere by at least 95 percent by weight.

[40 CFR 60.112a(a)(3), Rule 62.204.800, F.A.C., and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

- J.4.** A system equivalent to those described in **Specific Condition No. J.3.** as provided in 40 CFR 60.114a (**Specific Condition No. J.9.**).

[40 CFR 60.112a(a)(4), Rule 62.204.800, F.A.C., and Rule 2.201, JEPB]

- J.5. 40 CFR 63, Subpart BBBBBB General Duties to Minimize Emissions.**

- (a) The facility 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. 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.
- (b) The facility must keep applicable records and submit reports as specified in (**Specific Condition No. J.16.**) 40 CFR 63.11094(g) and (**Specific Condition No J.19.**) 40 CFR 63.11095(d).

[40 CFR 63.11085(a) and (b), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB]

- J.6. Gasoline Storage Tanks for a Bulk Gasoline Terminal.**

The facility must meet each emission limit and management practice in Table 1 to 40 CFR 63, Subpart BBBBBB that applies to your gasoline storage tank (**Specific Condition J.2.**).

[40 CFR 63.11087(a); Construction Permit No. 0310179-018-AC]

- J.7.** Storage vessels equipped with floating roofs and not meeting the requirements of **Specific Condition No. J.2.,** must be in compliance at the first degassing and cleaning activity after January 10, 2011 or by January 10, 2018, whichever is first.

[40 CFR 63.11087(b)]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

- J.8.** Except as provided in 40 CFR 60.8(b) compliance with the standard prescribed in 40 CFR 60.112a (**Specific Condition No. J.2.**) shall be determined as follows or in accordance with an equivalent procedure as provided in 40 CFR 60.114a (**Specific Condition No. J.8.**).

- (1) The owner or operator of each storage vessel to which this subpart applies which has an external floating roof shall meet the following requirements:
- (i) Determine the gap areas and maximum gap widths between the primary seal and the tank wall and between the secondary seal and the tank wall according to the following frequency:

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

J.8. Continued:

- (A) For primary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every five years thereafter. All primary seal inspections or gap measurements which require the removal or dislodging of the secondary seal shall be accomplished as rapidly as possible and the secondary seal shall be replaced as soon as possible.
- (B) For secondary seals, gap measurements shall be performed within 60 days of the initial fill with petroleum liquid and at least once every year thereafter.
- (C) If any storage vessel is out of service for a period of one year or more, subsequent refilling with petroleum liquid shall be considered initial fill for the purposes of (a)(1)(i)(A) and (a)(1)(i)(B) of this Specific Condition.
- (D) Keep records of each gap measurement at the plant for a period of at least 2 years following the date of measurement. Each record shall identify the vessel on which the measurement was performed and shall contain the date of the seal gap measurement, the raw data obtained in the measurement process required by (a)(1)(ii) of this Specific Condition and the calculation required by (a)(1)(iii) of this Specific Condition.
- (E) If either the seal gap calculated in accord with (a)(1)(iii) of this Specific Condition or the measured maximum seal gap exceeds the limitations specified by 40 CFR 60.112a of Subpart Ka, a report shall be furnished to the Administrator within 60 days of the date of measurements. The report shall identify the vessel and list each reason why the vessel did not meet the specifications of 40 CFR 60.112a (**Specific Condition No. J.2.**). The report shall also describe the actions necessary to bring the storage vessel into compliance with the specifications of 40 CFR 60.112a (**Specific Condition No. J.2.**).
 - (ii) Determine gap widths in the primary and secondary seals individually by the following procedures:
 - (A) Measure seal gaps, if any, at one or more floating roof levels when the roof is floating off the roof leg supports.
 - (B) Measure seal gaps around the entire circumference of the tank in each place where a $\frac{1}{8}$ " diameter uniform probe passes freely (without forcing or binding against seal) between the seal and the tank wall and measure the circumferential distance of each such location.
 - (C) The total surface area of each gap described in (a)(1)(ii)(B) of this (Specific Condition) shall be determined by using probes of various widths to accurately measure the actual distance from the tank wall to the seal and multiplying each such width by its respective circumferential distance.
 - (iii) Provide the Administrator 30 days prior notice of the gap measurement to afford the Administrator the opportunity to have an observer present.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

J.8. Continued:

- (2) The owner or operator of each storage vessel to which this subpart applies which has a vapor recovery and return or disposal system shall provide the following information to the Administrator on or before the date on which construction of the storage vessel commences:
 - (i) Emission data, if available, for a similar vapor recovery and return or disposal system used on the same type of storage vessel, which can be used to determine the efficiency of the system. A complete description of the emission measurement method used must be included.
 - (ii) The manufacturer's design specifications and estimated emission reduction capability of the system.
 - (iii) The operation and maintenance plan for the system.
 - (iv) Any other information which will be useful to the Administrator in evaluating the effectiveness of the system in reducing VOC emissions.

[40 CFR 60.113a(a)(1), and (2), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

J.9. Alternative Means of Emission Limitation. If, in the Administrator's judgment, an alternative means of emission limitation will achieve a reduction in emissions at least equivalent to the reduction in emissions achieved by any requirement in 40 CFR 60.112a **Specific Condition No. J.2.**, the Administrator will publish in the FEDERAL REGISTER a notice permitting the use of the alternative means for purposes of compliance with that requirement.

- (b) Any notice under (a) of this **Specific Condition** will be published only after notice and an opportunity for a hearing.
- (c) Any person seeking permission under this section shall submit to the Administrator a written application including:
 - (1) An actual emissions test that uses a full-sized or scale-model storage vessel that accurately collects and measures all VOC emissions from a given control device and that accurately simulates wind and accounts for other emission variables such as temperature and barometric pressure.
 - (2) An engineering evaluation that the Administrator determines is an accurate method of determining equivalence.
 - (d) The Administrator may condition the permission on requirements that may be necessary to ensure operation and maintenance to achieve the same emissions reduction as specified in 40 CFR 60.112a (**Specific Condition J.2.**).

[40 CFR 60.114a(a) - (d), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

J.10. 40 CFR 63, Subpart BBBBBB Testing Requirements.

Each owner or operator subject to the emission standard in **Specific Condition No. J.2.** (40 CFR 63.11087) for gasoline storage tanks shall comply with the requirements in this **Specific Condition.**

- Gasoline storage tanks equipped with an internal floating roof, must perform inspections of the floating roof system according to the requirements of this **Specific Condition** (40 CFR 60.113b(a)(1) if you are complying with option 2(b) in Table 1 to 40 CFR 63, Subpart BBBBBB.
- 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.

[40 CFR 63.11087(c), and 40 CFR 63.11092(e)1, 40 CFR 60.113b(a)(1), (4)]

J.11. 40 CFR 63, Subpart BBBBBB Testing Requirements.

The annual certification test for gasoline cargo tanks shall consist of the test methods specified in (1) or (2) of this **Specific Condition.**

(1) *EPA Method 27, Appendix A-8, 40 CFR part 60.* Conduct the test using a time period (t) for the pressure and vacuum tests of 5 minutes. The initial pressure (P_i) for the pressure test shall be 460 millimeters (mm) of water (18 inches of water), gauge. The initial vacuum (V_i) for the vacuum test shall be 150 mm of water (6 inches of water), gauge. The maximum allowable pressure and vacuum changes (Δp , Δv) for all affected gasoline cargo tanks is 3 inches of water, or less, in 5 minutes.

(2) *Railcar bubble leak test procedures.* As an alternative to the annual certification test required under (1) of this **Specific Condition** for certification leakage testing of gasoline cargo tanks, the owner or operator may comply with (2)(i) and (ii) of this **Specific Condition** for railcar cargo tanks, provided the railcar cargo tank meets the requirement in (2)(iii) of this **Specific Condition.**

(i) Comply with the requirements of 49 CFR 173.31(d), 49 CFR 179.7, 49 CFR 180.509, and 49 CFR 180.511 for the periodic testing of railcar cargo tanks.

(ii) The leakage pressure test procedure required under 49 CFR 180.509(j) and used to show no indication of leakage under 49 CFR 180.511(f) shall be ASTM E 515-95, BS EN 1593:1999, or another bubble leak test procedure meeting the requirements in 49 CFR 179.7, 49 CFR 180.505, and 49 CFR 180.509.

(iii) The alternative requirements in (2) may not be used for any railcar cargo tank that collects gasoline vapors from a vapor balance system and the system complies with a Federal, State, local, or tribal rule or permit. A vapor balance system is a piping and collection system designed to collect gasoline vapors displaced from a storage vessel, barge, or other container being loaded, and routes the displaced gasoline vapors into the railcar cargo tank from which liquid gasoline is being unloaded.

[40 CFR 63.11092(f)(1), (2)(i), (ii), and (iii)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

J.12. Common Testing Requirements. Unless otherwise specified, tests shall be conducted in accordance with the requirements and procedures specified in Appendix TR, Facility-Wide Testing Requirements, of this permit.

[Rule 62-297.310, F.A.C.]

RECORDKEEPING

J.13. The facility shall keep records as specified in 40 CFR 60.7(f) (40 CFR 60.115b of 40 CFR 60, Subpart Kb) if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBB, except records shall be kept for at least 5 years.

[40 CFR 60.7(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB, and 40 CFR 63.11094(a)]

J.14. The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this Specific Condition.

- (1) Annual certification testing performed under **Specific Condition No. J.11.)** 40 CFR 63.11092(f)(1) and periodic railcar bubble leak testing performed under (**Specific Condition No. J.11.)** 40 CFR 63.11092(f)(2).
- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
 - (i) *Name of test:* Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.
 - (vi) *Witnessing inspector, if any:* Name, signature, and affiliation.
 - (vii) *Vapor tightness repair:* Nature of repair work and when performed in relation to vapor tightness testing.
 - (viii) *Test results:* Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11094(b)]

J.15. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in (**Specific Condition No. J.13.**), an owner or operator may comply with the requirements in either paragraph (1) or paragraph (2) of this Specific Condition.

- (1) An electronic copy of each record is instantly available at the terminal.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

J.15. Continued:

- (i) The copy of each record in (1) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this Specific Condition.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
- (i) The copy of each record in (2) of this Specific Condition is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (2) of this Specific Condition.

[40 CFR 63.11094(c)(1), and (2)]

J.16. The facility shall keep records as specified in (1) and (2) of this **Specific Condition.**

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with (**Specific Condition No. J.5.**) 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11087(e), and 40 CFR 63.11094(g)(1), and (2)]

NOTIFICATIONS

J.17. 40 CFR 63, Subpart BBBBBB Notifications.

- (1) The facility must submit a Notification of Compliance Status as specified in 40 CFR 63.9(h). The Notification of Compliance Status must specify which of the compliance options included in Table 1 to 40 CFR 63, Subpart BBBBBB is used to comply with this subpart.
- (2) Each owner or operator of any affected source under this subpart must submit additional notifications specified in 40 CFR 63.9, as applicable.

[40 CFR 63.11087(d), 40 CFR 63.11093(b), (d), Rule 62-204.800(11), F.A.C., Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection J. Emissions Unit 028- Petroleum Storage Tank No. 5 (Terminal B)

REPORTING

J.18. Semiannual Compliance Report. The facility shall include in a semiannual compliance report to the Administrator the following information, as applicable:

(1) For storage vessels, if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in (**Specific Condition No. J.10.**) of 40 CFR 60, Subpart Kb, depending upon the control equipment installed.

[40 CFR 63.11087(e), 40 CFR 63.11095(a)(1), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB]

J.19. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with (**Specific Condition No. J.5.**) 40 CFR 63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

MONITORING REQUIREMENTS

J.20. Monitoring of Operations. The owner or operator subject to this subpart shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period.

(b) Available data on the typical Reid vapor pressure and the maximum expected storage temperature of the stored product may be used to determine the maximum true vapor pressure from nomographs contained in API Bulletin 2517, 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).

(c) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.0 psia) or whose physical properties preclude determination by the recommended method is to be determined from available data and recorded if the estimated true vapor pressure is greater than 6.9 kPa (1.0 psia).

[40 CFR 60.115a(a) – (c), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

J.21. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection K. Emissions Unit 030- Fugitive VOC and Fugitive HAP Emissions

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
030	Facility wide miscellaneous fugitive emissions from the pumps, valves & fittings, flanges, and other equipment in gasoline service, truck loading racks, roof landings, butane blending, and unloading butane into the pressurized butane storage vessel Note: The roof landings emissions are reported in the Annual Operating Report under the appropriate emission unit for any gasoline tank which was landed during the reporting year.

{This emissions unit is subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions.}

ESSENTIAL POTENTIAL TO EMIT (PTE) PARAMETERS

K.1. Hours of Operation. This emissions unit (each vessel) may operate continuously (8,760 hours/year).

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

K.2. 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the source described herein.

(Permitting Note: The owner or operator shall comply with the requirements of 40 CFR 63, Subpart BBBBBB by the applicable dates specified in 40 CFR 63.11083.)

[40 CFR 63, Subpart BBBBBB; Construction Permit No. 0310179-017-AC]

K.3. The owner or operator shall meet the following requirements for equipment leak inspections:

- a. The owner or operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100 (i.e. each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connectors, and the entire vapor processing system. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.
- b. A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.
- c. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in Specific Condition No. 3d. of this section.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection K. Emissions Unit 030- Fugitive VOC and Fugitive HAP Emissions

K.3. Continued:

- d. Delay of repair of leaking equipment will be allowed if the repair is not feasible within 15 days. The owner or operator shall provide in the semiannual report specified in 40 CFR 63.11095(b), the reason(s) why the repair was not feasible and the date each repair was completed.
- e. The owner or operator must comply with the requirements of this subpart by the applicable dates specified in 40 CFR 63.11083 (i.e. January 10, 2011).

[40 CFR 63.11089(a), (b), (c), (d), and (e), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

NOTIFICATION, RECORDKEEPING, AND REPORTING REQUIREMENTS

- K.4.** Each owner or operator of an affected source under this subpart must submit a Notification of Compliance Status as specified in 40 CFR 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 40 CFR 63, Subpart BBBBBB.

[40 CFR 63.11087(f), 40 CFR 63.11093(b), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

- K.5. Records.** The facility shall keep records as specified in 40 CFR 60.115b of 40 CFR 60, Subpart Kb if you are complying with options 2(b), in Table 1 to 40 CFR 63, Subpart BBBBBB, except records shall be kept for at least 5 years.

[40 CFR 63.11094(a)]

- K.6. Records.** The facility shall keep records of the test results for each gasoline cargo tank loading at the facility as specified in (1) through (3) of this Specific Condition.

- (1) Annual certification testing performed under 40 CFR 63.11092(f)(1) and periodic railcar bubble leak testing performed under 40 CFR 63.11092(f)(2).
- (2) The documentation file shall be kept up-to-date for each gasoline cargo tank loading at the facility. The documentation for each test shall include, as a minimum, the following information:
 - (i) Name of test: Annual Certification Test—Method 27 or Periodic Railcar Bubble Leak Test Procedure.
 - (ii) Cargo tank owner's name and address.
 - (iii) Cargo tank identification number.
 - (iv) Test location and date.
 - (v) Tester name and signature.
 - (vi) Witnessing inspector, if any: Name, signature, and affiliation.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection K. Emissions Unit 030- Fugitive VOC and Fugitive HAP Emissions

K.6. Continued:

- (vii) Vapor tightness repair: Nature of repair work and when performed in relation to vapor tightness testing.
- (viii) Test results: Test pressure; pressure or vacuum change, mm of water; time period of test; number of leaks found with instrument; and leak definition.

[40 CFR 63.11094(b)]

K.7. Records. The facility shall keep records as specified in (1) and (2) of this **Specific Condition**.

- (1) Records of the occurrence and duration of each malfunction of operation (*i.e.*, process equipment) or the air pollution control and monitoring equipment.
- (2) Records of actions taken during periods of malfunction to minimize emissions in accordance with 40 CFR 63.11085(a), including corrective actions to restore malfunctioning process and air pollution control and monitoring equipment to its normal or usual manner of operation.

[40 CFR 63.11085(a), 40 CFR 63.11087(e), 40 CFR 63.11089(g), 40 CFR 63.11094(g)(1), and (2), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

K.8. As an alternative to keeping records at the terminal of each gasoline cargo tank test result as required in **Specific Condition K.6.**, an owner or operator may comply with the requirements in either (1) or (2) of this **Specific Condition**.

- (1) An electronic copy of each record is instantly available at the terminal.
 - (i) The copy of each record in paragraph (c)(1) of this section is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with (1) of this **Specific Condition**.
- (2) For facilities that use a terminal automation system to prevent gasoline cargo tanks that do not have valid cargo tank vapor tightness documentation from loading (e.g., via a card lock-out system), a copy of the documentation is made available (e.g., via facsimile) for inspection by the Administrator's delegated representatives during the course of a site visit, or within a mutually agreeable time frame.
 - (i) The copy of each record in paragraph (c)(2) of this section is an exact duplicate image of the original paper record with certifying signatures.
 - (ii) The Administrator is notified in writing that each terminal using this alternative is in compliance with paragraph (c)(2) of this section.

[40 CFR 63.11094(c)]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection K. Emissions Unit 030- Fugitive VOC and Fugitive HAP Emissions

REPORTING

K.9. Reporting. Each owner or operator of a bulk terminal or a pipeline breakout station subject to the control requirements of this subpart shall include in a semiannual compliance report to the Administrator the following information, as applicable:

- (1) For storage vessels, if you are complying with options 2(a), 2(b), or 2(c) in Table 1 to 40 CFR 63, Subpart BBBBBB, the information specified in 40 CFR 60.115b(a), 40 CFR 60.115b(b), or 40 CFR 60.115b(c) of this chapter, depending upon the control equipment installed, or, if you are complying with option 2(d) in Table 1 to this subpart, the information specified in 40 CFR 63.1066.
- (2) For loading racks, each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the facility.
- (3) For equipment leak inspections, the number of equipment leaks not repaired within 15 days after detection.
- (4) For storage vessels complying with 40 CFR 63.11087(b) after January 10, 2011, the storage vessel's Notice of Compliance Status information can be included in the next semi-annual compliance report in lieu of filing a separate Notification of Compliance Status report under 40 CFR 63.11093.

[40 CFR 63.11095(a)]

K.10. Reporting. Each owner or operator of an affected source subject to the control requirements of this subpart shall submit an excess emissions report to the Administrator at the time the semiannual compliance report is submitted. Excess emissions events under this subpart, and the information to be included in the excess emissions report, are specified in (1) through (5) of this Specific Condition.

- (1) Each instance of a non-vapor-tight gasoline cargo tank loading at the facility in which the owner or operator failed to take steps to assure that such cargo tank would not be reloaded at the facility before vapor tightness documentation for that cargo tank was obtained.
- (2) Each reloading of a non-vapor-tight gasoline cargo tank at the facility before vapor tightness documentation for that cargo tank is obtained by the facility in accordance with 40 CFR 63.11094(b).
- (3) Each exceedance or failure to maintain, as appropriate, the monitored operating parameter value determined under 40 CFR 63.11092(b). The report shall include the monitoring data for the days on which exceedances or failures to maintain have occurred, and a description and timing of the steps taken to repair or perform maintenance on the vapor collection and processing systems or the CMS.
- (4) Each instance in which malfunctions discovered during the monitoring and inspections required under 40 CFR 63.11092(b)(1)(i)(B)(2) and (b)(1)(iii)(B)(2) were not resolved according to the necessary corrective actions described in the monitoring and inspection plan. The report shall include a description of the malfunction and the timing of the steps taken to correct the malfunction.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection K. Emissions Unit 030- Fugitive VOC and Fugitive HAP Emissions

K.10. Continued:

(5) For each occurrence of an equipment leak for which no repair attempt was made within 5 days or for which repair was not completed within 15 days after detection:

- (i) The date on which the leak was detected;
- (ii) The date of each attempt to repair the leak;
- (iii) The reasons for the delay of repair; and
- (iv) The date of successful repair.

[40 CFR 63.11095(b)]

K.11. Each owner or operator of a bulk gasoline plant or a pipeline pumping station shall submit a semiannual excess emissions report, including the information specified in **Specific Condition No. K.9.(3), and K.10.(5)** of this section, only for a 6-month period during which an excess emission event has occurred. If no excess emission events have occurred during the previous 6-month period, no report is required.

[40 CFR 63.11095(c)]

K.12. Each owner or operator of an affected source under this subpart shall submit a semiannual report including the number, duration, and a brief description of each type of malfunction which occurred during the reporting period and which caused or may have caused any applicable emission limitation to be exceeded. The report must also include a description of actions taken by an owner or operator during a malfunction of an affected source to minimize emissions in accordance with §63.11085(a), including actions taken to correct a malfunction. The report may be submitted as a part of the semiannual compliance report, if one is required. Owners or operators of affected bulk plants and pipeline pumping stations are not required to submit reports for periods during which no malfunctions occurred.

[40 CFR 63.11095(d)]

K.13. Annual records of fugitive VOC and fugitive HAP emissions shall be calculated. Records and calculations shall be maintained for a period of five (5) years and shall be provided to the Permitting Authority upon request.

[Rule 2.1401, JEPB; Construction Permit No. 0310179-017-AC]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection L. Emissions Unit 032- Three Emergency Generators and One Fire Pump

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
032	Three (3) Emergency generators and one (1) Fire Pump.

Description of Engine	Year Built	Displacement/ Horsepower	Rule Applicability
*500 KW Cummins Emergency Generator	2007	2.5 Liters/Cylinder & 755 HP	40 CFR Part 60, Subpart IIII
*500 KW Cummins Emergency Generator	2009	2.5 Liters/Cylinder & 755 HP	40 CFR Part 60, Subpart IIII
800 KW Cummins Emergency Generator	2010	2.5 Liters/Cylinder & 1490 HP	40 CFR Part 60, Subpart IIII
175 HP Clarke Fire Pump	2007	1.1 Liters/Cylinder & 175 HP	40 CFR Part 60, Subpart IIII

* The 500 KW Cummins Emergency Engines are rated at 755 HP. This converts to 563 KW for use in determining allowable emissions for these engines and places them under the tier 2 emission standards per 40 CFR 89.112, Table 1.

The engines listed above are currently demonstrating compliance with the emissions limitations of the applicable federal rule through the retention of a manufacturer's certification statement. So long as that certification is able to be retained, no additional compliance demonstration is required. At such time that the manufacturer's certification is no longer valid (i.e. due to operation or maintenance practices that are inconsistent with the manufacturer's recommendations), the permittee shall begin demonstrating compliance with the standards listed in the applicable federal rule in a manner that is prescribed by that rule.

EMISSION LIMITATIONS AND STANDARDS

L.1. These engines are subject to 40 CFR 63, Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines. New Reciprocating Internal Combustion Engines at an area source must meet the requirements of this subpart by meeting the requirements of 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR 60, Subpart A, General Provisions.

[40 CFR 63.6590(c), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

L.2. The engines in this emission unit shall not exceed the following standards of non-methane hydrocarbon + NO_x, carbon monoxide, and particulate matter:

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection L. Emissions Unit 032- Three Emergency Generators and One Fire Pump

Engine	Non-Methane Hydrocarbon + NO_x	CO	PM
500 KW Cummins Emergency Generator	6.4 Grams/kW-Hr	3.5 Grams/kW-Hr	0.20 Grams/kW-Hr
500 KW Cummins Emergency Generator	6.4 Grams/kW-Hr	3.5 Grams/kW-Hr	0.20 Grams/kW-Hr
800 KW Cummins Emergency Generator	6.4 Grams/kW-Hr	3.5 Grams/kW-Hr	0.20 Grams/kW-Hr
175 HP (130.5 KW) Clarke Fire Pump	10.5 Grams/kW-Hr	3.5 Grams/kW-Hr	0.54 Grams/kW-Hr

- L.3.** Beginning October 1, 2010, owners and operators of stationary combustion ignition internal combustion engines subject to 40 CFR 60, Subpart IIII, Standards of Performance for Stationary Compression Ignition Internal Combustion Engines with a displacement of less than 30 liters per cylinder that use diesel fuel must purchase diesel fuel that meets the requirements of 40 CFR 80.510(b) for nonroad diesel fuel. The sulfur content for nonroad diesel fuel shall not exceed 15 ppm, the nonroad diesel cetane index shall not be less than 40 and the aromatic content shall not exceed 35 volume percent.

[40 CFR 60.4207, Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

MONITORING REQUIREMENTS

- L.4.** If you are the owner or operator of an emergency stationary combustion ignition internal combustion engine that does not meet the standards applicable to non-emergency engines, you must install a non-resettable hour meter prior to startup of the engine.

[40 CFR 60.4209(a), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

- L.5.** The owner or operator must operate and maintain the stationary combustion ignition internal combustion engine that achieves the emission standards as required in 60.4204 over the entire life of the engine.

[40 CFR 60.4206, Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

- L.6.** Maintenance checks and readiness testing of emergency stationary combustion ignition internal combustion engines is limited to 100 hours per year. These engines may operate up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hours per year provided for maintenance and testing.

[40 CFR 60.4211(f), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection L. Emissions Unit 032- Three Emergency Generators and One Fire Pump

COMPLIANCE REQUIREMENTS

- L.7.** The owner or operator must operate the stationary combustion ignition internal combustion engines and control devices according to the manufacturer's emission-related written instructions.

[40 CFR 60.4211(a)(1), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

- L.8.** The owner or operator shall only change those emission-related settings that are permitted by the manufacturer.

[40 CFR 60.4211(a)(2), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

- L.9.** If the owner or operator of a stationary combustion ignition internal combustion engine greater than or equal to 100 HP and less than or equal to 500 HP does not install, configure, operate and maintain the stationary combustion ignition internal combustion engine and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, the owner or operator must demonstrate compliance performing the following:

- a. Keep a maintenance plan and records of conducted maintenance
- b. Maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.
- c. Conduct an initial performance test to demonstrate compliance with the applicable emission standards:
 - (i) Within 1 year of startup or
 - (ii) Within 1 year after an engine and control device is no longer installed, configured, operated and maintained in accordance with the manufacturer's emission-related written instructions or
 - (iii) Within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.

[40 CFR 60.4211(g), Rule 62-204.800, F.A.C. and Rule 2.201, JEPB]

{Permitting Note: The engines listed above are currently demonstrating compliance with the emissions limitations of the applicable federal rule through the retention of a **manufacturer's certification statement. As long as the certification is able to be retained, no additional compliance demonstration is required.**}

- L.10.** If the owner or operator of a stationary combustion ignition internal combustion engine greater than 500 HP does not install, configure, operate and maintain the stationary combustion ignition internal combustion engine and control device according to the manufacturer's emission-related written instructions, or changes emission-related settings in a way that is not permitted by the manufacturer, the owner or operator must demonstrate compliance performing the following:

- a. Keep a maintenance plan and records of conducted maintenance
- b. Maintain and operate the engine in a manner consistent with good air pollution control practice for minimizing emissions.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.
Subsection L. Emissions Unit 032- Three Emergency Generators and One Fire Pump

L.10. continued:

- c. Conduct an initial performance test to demonstrate compliance with the applicable emission standards:
 - (i) Within 1 year of startup or
 - (ii) Within 1 year after an engine and control device is no longer installed, configured, operated and maintained in accordance with the manufacturer's emission-related written instructions or
 - (iii) Within 1 year after you change emission-related settings in a way that is not permitted by the manufacturer.
- d. Conduct subsequent performance testing every 8,760 hours of engine operation or 3 years, whichever comes first, thereafter to demonstrate compliance with the applicable emission standards.

[40 CFR 60.4211(g), Rule 62-204.800, FAC and Rule 2.201, JEPB]

{Permitting Note: The engine listed above is currently demonstrating compliance with the emissions limitations of the applicable federal rule through the retention of a **manufacturer's certification statement. As long as the certification is able to be retained, no additional compliance demonstration is required.}**

RECORDKEEPING AND REPORTING REQUIREMENTS

- L.11.** If the stationary combustion ignition internal combustion engine is equipped with a diesel particulate filter, the owner or operator must keep records of any corrective action taken after the backpressure monitor has notified the owner or operator that the high back pressure limit of the engine is approached.

[40 CFR 60.4214(c), Rule 62-204.800(8), F.A.C. and Rule 2.201, JEPB]

- L.12.** Records shall be maintained for the hours of operation of the stationary combustion ignition internal combustion engines for maintenance checks and readiness. In addition, records shall be maintained for non-emergency engine usage. These records shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.

[Permit No. 0310179-028-AV, and Rule 2.1401, JEPB]

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SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection M. Emissions Unit 033- Petroleum Storage Tank No. 3 and Petroleum Storage Tank No. 4

The specific conditions in this section apply to the following emissions unit:

EU No.	Brief Description
033	Tank No. 3 (2,492,238 gallons) and Tank No. 4 (2,490,600 gallons) for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blend, or lower vapor pressure VOL products. Control Device: Internal Floating Roof with mechanical shoe primary seal and secondary wiper seal.

This emissions unit is subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions, 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, and 40 CFR 60, Subpart A, General Provisions.

EMISSION LIMITATIONS AND STANDARDS

M.1. Hours of Operation. This emissions unit (each vessel) is allowed to operate continuously, i.e., 8,760 hours per year (hrs/yr).

[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

EMISSION LIMITATIONS AND STANDARDS

{Permitting Note: The attached Table 1, Summary of Air Pollutant Standards, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

M.2. 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities, and 40 CFR 63, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the reconstructed affected source described herein.

(Permitting Note: The owner or operator shall comply with the requirements of 40 CFR 63, Subpart BBBBBB by the applicable dates specified in 40 CFR 63.11083.)

[40 CFR 63, Subpart BBBBBB, 40 CFR 63.11087(f), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

Subsection M. Emissions Unit 033- Petroleum Storage Tank No. 3 and Petroleum Storage Tank No. 4

M.3. 40 CFR 60, Subpart Kb, Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984, shall apply to the emission unit described herein. Applicable portions of Subpart A, General Provisions shall apply to the emission unit described herein.

[40 CFR 60, Subpart Kb, 40 CFR 60.7, Rule 62.204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-020-AC]

{Permitting Note: If this emissions unit is subject to and complies with the control requirements of 40 CFR 60, Subpart Kb, these storage vessels will be deemed in compliance with the requirements of 40 CFR 63, Subpart BBBBBB for gasoline storage tanks (40 CFR 63.11087)}

M.4. Each fixed roof in combination with an internal floating roof shall meet the following specifications:

- (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) Each internal floating roof shall be equipped with the following closure device (a mechanical shoe seal) between the wall of the storage vessel and the edge of the internal floating roof. The mechanical shoe seal is a metal sheet held vertically against the wall of the storage vessel by springs or weighted levers and is connected by braces to the floating roof. A flexible coated fabric (envelope) spans the annular space between the metal sheet and the floating roof.
- (iii) Each opening in a non-contact 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) 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) 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) 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) 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.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

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M.4. continued:

- (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) Each penetration of the internal floating roof that allows for passage of a ladder shall have a gasketed sliding cover.

[40 CFR 60.112b, Rule 62.204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

TEST METHODS AND PROCEDURES

{Permitting Note: The attached Table 2, Summary of Compliance Requirements, summarizes information for convenience purposes only. This table does not supersede any of the terms or conditions of this permit.}

M.5. After installing the control equipment (internal floating roof), each owner or operator shall:

- (i) 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) For vessels equipped with a liquid-mounted or mechanical shoe primary seal, visually inspect the internal floating roof and the primary seal 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 Permitting Authority in the inspection report required in 40 CFR 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) Visually inspect the internal floating roof, the primary seal, 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 Specific Condition No. M.5.(ii) above.

[40 CFR 60.113b(a)(1), (2), (4), Rule 62.204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

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MONITORING OF OPERATIONS

M.6. The owner or operator of this storage vessel shall keep readily accessible records showing the dimension of the storage vessel and an analysis showing the capacity of the storage vessel. These records shall be kept for the life of the storage vessel.

[40 CFR 60.116b(a), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC' Construction Permit No. 0310179-020-AC]

M.7. The owner or operator of this storage vessel 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 for the storage vessel.

[40 CFR 60.116b(c), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

M.8. The owner or operator of this storage vessel shall notify the Permitting Authority within 30 days when the maximum true vapor pressure of the liquid exceeds the maximum true vapor pressure value of 5.2 kilo Pascals (kPa).

[40 CFR 60.116b(d), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

M.9. Available data on the storage temperature may be used to determine the maximum true vapor pressure as determined below:

- (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.
- (2) For crude oil or refined petroleum products the vapor pressure may be obtained by the following:
 - (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).
 - (ii) The true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa or with physical properties that preclude determination by the recommended method is to be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa.

SECTION III. EMISSIONS UNITS AND SPECIFIC CONDITIONS.

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Condition M.9. Continued:

(3) For other liquids, the vapor pressure:

- (i) May be obtained from standard reference texts, or
- (ii) Determined by ASTM D2879-83, 96, or 97 (incorporated by reference—see §60.17); or
- (iii) Measured by an appropriate method approved by the Administrator; or
- (iv) Calculated by an appropriate method approved by the Administrator.

[40 CFR 60.116b(e), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

NOTIFICATION, RECORDKEEPING, AND REPORTING

M.10. Notify the Permitting Authority in writing at least 30 days prior to the filling or refilling of the storage vessel for which an inspection is required by Specific Condition M.5.(i) and (iii) to afford the Permitting Authority the opportunity to have an observer present.

If the inspection required by Specific Condition M.5.(iii) is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the vessel, the owner or operator shall notify the Permitting Authority 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 Permitting Authority at least 7 days prior to the refilling.

[40 CFR 60.113b(a)(5), Rule 62.204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

M.11. The owner or operator of this storage vessel shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of this emission unit.

[40 CFR 60.7(b), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

M.12. The owner or operator shall keep a record of each inspection performed as required by Specific Condition M.5.(i), (ii), and (iii). 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).

[40 CFR 60.115b, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

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M.13 If any of the conditions described in **Specific Condition M.5.(ii)** are detected during the annual visual inspection required by Specific Condition M.5.(ii), a report shall be furnished to the Permitting Authority 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.

[40 CFR 60.115b, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

M.14. Records required by 40 CFR 60.7(f) shall be retained in a permanent form for a minimum period of two years, unless otherwise specified.

[40 CFR 60.7(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

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SECTION IV. APPENDICES.

The Following Appendices Are Enforceable Parts of This Permit:

Appendices.

Appendix A, Glossary.

Appendix CAM, Compliance Assurance Monitoring Plan (Emission Unit Nos. 16 & 24).

Appendix I, List of Insignificant Emissions Units and/or Activities.

Appendix LR-1, Local Rule Index

Appendix NESHAP, Subpart A – General Provisions.

Appendix NESHAP, Subpart BBBB, Table 2, Applicability Criteria, Emission Limits, and Management Practices for Loading Racks.

Appendix NESHAP, Subpart BBBB, Table 3, Applicability of General Provisions.

Appendix NESHAP, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines

Appendix NSPS, Subpart A- General Provisions.

Appendix NSPS, Subpart Ka - Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction Reconstruction, or Modification Commenced after May 18, 1978, and prior to July 23, 1984.

Appendix NSPS, Subpart Kb - Standards of Performance for Volatile Organic Liquid (VOL) Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced after July 23, 1984.

Appendix NSPS, Subpart XX - Standards of Performance for Bulk Gasoline Terminals.

Appendix RR, Facility-wide Reporting Requirements.

Appendix TR, Facility-wide Testing Requirements.

Appendix TV, Title V General Conditions.

Appendix U, List of Unregulated Emissions Units and/or Activities.

Referenced Attachments.

Statement of Basis

Figure 1, Summary Report-Gaseous and Opacity Excess Emission and Monitoring System Performance (40 CFR 60, July, 1996).

Table H, Permit History.

Table 1, Summary of Air Pollutant Standards and Terms.

Table 2, Compliance Requirements.

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