Blanchard Terminal Company, LLC

Jacksonville Terminal

Facility ID No. 0310179
Duval County

Title V Air Operation Permit Revision

Permit No. 0310179-028-AV
Revision of Title V Air Operation Permit No. 0310179-025-AV

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Table of Contents

Section **Page Number**

Placard Page 1

I. Facility Information.
A. Facility Description. 2
B. Summary of Emissions Units. 2
C. Applicable Regulations. 3

II. Facility-wide Conditions. 4

III. Emissions Units and Conditions.
Terminal A:
A. Emissions Unit 011 Petroleum/Denatured Ethanol Storage Tank. 7
B. Emissions Unit 016 Tank Truck Load out System. 11
C. Emissions Unit 019 Eight (8) Petroleum/Denatured Ethanol Storage Tank. 15
D. Emissions Unit 020 Fixed Roof Petroleum/Denatured Storage Tank. 17
E. Emissions Unit 022 Marine Petroleum Loading System. 18
F. Emissions Unit 023 Railcar Tanker Loading System. 19
Terminal B:
G. Emissions Unit 024 Tank Truck Loading Rack 20
H. Emissions Unit 026 Petroleum Storage Tank No. 1. 25
I. Emissions Unit 027 Petroleum/Denatured Ethanol Storage Tank No. 2. 26
J. Emissions Unit 028 Petroleum Storage Tank No.5. 28
K. Emissions Unit 030 Fugitive VOC and Fugitive HAP Emissions. 30
L. Emissions Unit 032 Three (3) Diesel Engines & one (1) Fire Pump Emergency Engines. 32
M. Emissions Unit 033 Petroleum Storage Tanks No. 3 & No. 4. 36

IV. Special Conditions for the Blanchard Terminal Company, LLC. Bulk Gasoline Terminal. 42
V. Appendices. 43
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 BBBBBB, Table 2, Applicability Criteria, Emission Limits, and Management Practices for Loading Racks.
Appendix NESHAP, Subpart BBBBBB, Table 3, Applicability of General Provisions.
Appendix NESHAP, Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations: 40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i).
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 SS-1, Stack Sampling Facilities
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.
Etc.

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Permit No. 0310179-028-AV
Jacksonville Terminal
Facility ID No. 0310179
Title V Air Operation Permit Revision

The purpose of this permit is to revise the Title V air operation permit for the above referenced facility. 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.

0310179-025-AV Initial Effective Date: January 16, 2012
0310179-028-AV Revision Effective Date: January 11, 2016
Renewal Application Due Date: May 20, 2016
Expiration Date: December 31, 2016

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

RSR/yke

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 controlled by use of either a carbon adsorption/absorption vapor recovery unit (VRU) or a vapor combustion unit (VCU). 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
Regulated Emissions Units	
011	Petroleum Storage Tank Nos. 108, 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 112, 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
Unregulated Emissions Units and Activities (see Appendix U, List of Unregulated Emissions Units and/or Activities)	
031	Petroleum Contact Water (PCW) Tanks (Terminal A &B)

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 revision application received October 19 2015, this facility is not a major source of hazardous air pollutants (HAP). 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. 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.

A summary of applicable regulations is shown in the following table.

Regulation	**EU No(s).**
Federal Rule Citations	
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 BBBBBB, 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
40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations: 40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i)	facility
Subpart ZZZZ, National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines	032
40 CFR 64, Compliance Assurance Monitoring	016, 024
State Rule Citations	
State Rule Citations 62-296 RACT,	016, 019, 027

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. 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. Rule 2.1101, JEPB; Construction Permit No. 0310179-017-AC; Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

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. and Rule 2.1101, JEPB]

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. The maximum throughput shall not exceed 900.0 x 10^6 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 10^6 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]

FW6. 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]

FW7. 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. Application of water or chemicals to control emissions from such activities as demolition of buildings, grading roads, construction, and land clearing.

c. Application of asphalt, water, oil, chemicals or other dust suppressants to unpaved roads, yards, open stock piles and similar activities.

d. Removal of particulate matter from roads and other paved areas under the control of the owner or operator of the facility to prevent re-entrainment, and from buildings or work areas to prevent particulate from becoming airborne.

e. Landscaping or planting of vegetation.
f. Use of hoods, fans, filters, and similar equipment to contain, capture and/or vent particulate matter.
g. Confining abrasive blasting where possible.
h. Enclosure or covering of conveyor systems.

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

Annual Reports and Fees

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

FW8. 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.****}*

FW9. 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., Rule 2.501, JEPB]

FW10. 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

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

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

EU No.	Brief Description
011	Petroleum/Denatured Ethanol Storage Tanks (Terminal A) Tank No. 108 (3,371,340 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. Control Device: Internal Floating Roof with primary mechanical shoe seal and secondary seal *The volumes of all tanks are the gross capacities of the tanks*

{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 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 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.}

Essential Potential to Emit (PTE) Parameters

A.1. 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]

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.}

A.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]

A.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]

A.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.

[40 CFR 60.112b, Rule 62.204.800, F.A.C., and Rule 2.201, JEPB]

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.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. 5 (ii) above.

[40 CFR 60.113b, Rule 62.204.800, F.A.C., and Rule 2.201, JEPB]

Monitoring of Operations

A.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, FAC, and Rule 2.201, JEPB]

A.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]

A.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]

A.9. 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).

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

Notification, Recordkeeping, and Reporting Requirements

A.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 paragraph (5)(i) and (5)(iii) above of this section to afford the Permitting Authority the opportunity to have an observer present. If the inspection required by paragraph (5)(iii) above of this section is not planned and the owner or operator could not have known about the inspection 30 days in advance of refilling the 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, Rule 62.204.800, F.A.C., and Rule 2.201, JEPB]

A.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]

A.12. The owner or operator shall keep a record of each inspection performed as required by 40 CFR 60.113b (a)(1), (a)(2), and (a)(4). Each record shall identify the storage vessel on which the inspection was performed and shall contain the date the vessel was inspected and the observed condition of each component of the control equipment (seals, internal floating roof, and fittings).

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

A.13. If any of the conditions described in 40 CFR 60.113b(a)(2) are detected during the annual visual inspection required by 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, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB]

A.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]

A.15. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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

EU No.	Brief Description
016	Tank Truck Loading System (Terminal A) 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. Control Device: Jordan Model JT-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit (VRU) or Callidus, Inc. Vapor Combustion Unit [VCU (Backup)]

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. 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

{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.}

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]

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.}

B.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]

B.3. Reasonably Available Control Technology (RACT) – Volatile Organic Compounds (VOC) Rule 62-296.510, FAC, *Bulk Gasoline Terminals* shall apply to this emissions unit.

[Construction Permit No. 0310179-017-AC]

B.4. 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.5. Total organic compounds (TOC) emissions shall not exceed 20 milligrams TOC per liter of gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends loaded from the VRU or the VCU at the applicant's request. The gasoline, aviation gasoline, denatured ethanol, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends loading operational rate shall not exceed the manufacturer's maximum design rate.

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 **non full** vapor holding tank, the operating VRU, or the operating VCU. 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.

[0310179-005-AF, Construction Permit No. 0310179-017-AC, Rule 62-296.510, FAC, and Rule 2.1101, JEPB]

B.6. The terminal owner or operator shall comply with each emission limit and management practice in Table 2 of 40 CFR 63, Subpart BBBBBB that applies to this emissions unit.

[40 CFR 63.11088(a)]

<u>Recordkeeping and Reporting Requirements</u>

B.7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11088(e)]

B.8. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

[40 CFR 63.11088(f)]

B.9. 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.10. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

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.11. The owner or operator of this emissions unit shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092.

[40 CFR 63.11088(d)]

B.12. 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.

[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]

B.13. The permittee shall provide a means to prevent liquid waste from the loading device to exceed the quantity specified for the self sealing coupler or adaptor according to API regulation RP 1004 (or equivalent) upon the loading device being disconnected or when it isn't in use.

[Rule 62-296.510(3)(b), F.A.C., and Rule 2.1101, JEPB]

B.14. 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.15. 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 Condition No. B.16.

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

B.16. 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.17. 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]

Monitoring of Operations

B.18. 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]

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

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

EU No.	Brief Description
019	Eight (8) Petroleum/Denatured Ethanol Storage Tanks (Terminal A) Tanks Nos. 102 – 105 and Tank Nos. 109 – 112. 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), Tank 111 (5,227,320 Gallons), and Tank 112 (5,226,900 Gallons) for the storage of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blends or lower vapor pressure VOL products.. Control Device: Internal Floating Roof

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]

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.}

C.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]

C.3. Reasonably Available Control Technology (RACT) requirements including **Volatile Organic Compounds (VOC) and Nitrogen Oxides (NOx) Emitting Facilities** [Rule 62-296.500(1 & 2), FAC, and Rule 2.1101, JEPB]; and **Petroleum Liquid Storage**

[Rule 62-296.508, F.A.C., and Rule 2.1101, JEPB] shall apply to this emission unit.

C.4. 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)]

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.5. The owner or operator of these storage vessels shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092(e).

[40 CFR 63.11087(c)]

Recordkeeping and Reporting Requirements

C.6. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11087(d)]

C.7. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

[40 CFR 63.11087(e)]

C.8. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Permitting Authority upon request.

[Rule 62-4.070, F.A.C., and Rule 2.1401, JEPB]

C.9. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

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).

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]

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

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

[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]

Recordkeeping and Reporting Requirements

E.4. 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.

[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]

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

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

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

[Rule 62-4.070(3), F.A.C., 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.

[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]

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

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

EU No.	Brief Description
024	Tank Truck Loading Rack (Terminal B) 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. 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.

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. 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]

G.3. 40 CFR 60, Subpart XX, Standards of Performance for Bulk Gasoline Terminals, and 40 CFR 60, Subpart A, General Provisions, Reporting Requirements, Notification Requirements, and Standards of Performance shall apply to the source described herein.

[Rule 40 CFR 60.1 & 60.500, Rule 62-204.800(7), F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.4. Reasonably Available Control Technology (RACT) – Volatile Organic Compounds (VOC) Rule 62-296.510, FAC, *Bulk Gasoline Terminals* shall apply to this emissions unit.

[Construction Permit No. 0310179-017-AC]

G.5. 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]

G.6. Total organic compounds (TOC) emissions shall not exceed 20 milligrams TOC per liter of gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends loaded from the VRU or the VCU at the applicant’s request. The gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and gasoline/denatured ethanol blends loading operational rate shall not exceed the manufacturer's maximum design rate.

Gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, gasoline/denatured ethanol blends shall not be loaded into tank trucks unless the vapors are vented to the **non full** vapor holding tank, the operating VRU, or the operating VCU. 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.

[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.7. The terminal owner or operator shall comply with each emission limit and management practice in Table 2 of 40 CFR 63, Subpart BBBBBB that applies to this emissions unit.

[40 CFR 63.11088(a)]

Testing and Monitoring

G.8. The owner or operator of this emissions unit shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092.

[40 CFR 63.11088(d)]

G.9. The terminal owner/operator must ensure that each truck's vapor collection system is connected to the terminal vapor collection system during loading of the tank trucks.

[40 CFR 60.502(g), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-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.}

G.10. Testing for the demonstration of compliance shall be performed in accordance with EPA Reference Method (RM) 25A/25B (as described in 40 CFR 60, Appendix A) for total organic compounds.

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

G.11. Testing for demonstration of compliance shall be performed in accordance with 40 CFR 60.503.

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

G.12. Specific testing requirements for vapor collection systems and tank trucks for compliance with 40 CFR 60, Subparts XX shall be as follows:

Item	Specific Testing Required	Applicable Rule	Test Method
A	Vapor collection and liquid equipment gauge pressure during product loading	40 CFR 60.502(h)	40 CFR 60.503(d)
B	Potential sources of vapor leakage in vapor collection system	40 CFR 60.503(b)	EPA RM 21
C	Gasoline tank truck tightness*	40 CFR 60 502(e) and40 CFR 60.505	EPA RM 27
D	Vapor collection system, vapor processing system, and loading rack(s) shall be inspected for TOC liquid or vapor leaks	40 CFR 60.502(j)	Sight, sound, or smell detection method

Condition G.12. Continued:

*To be performed by tank truck owner/operator

Item B testing shall be conducted immediately prior to testing Item A. Item B and A testing shall be conducted immediately prior to testing required in Specific Condition No. 13 below. Item D testing shall be conducted monthly.

[Construction Permit No. 0310179-017-AC]

G.13. 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]

Monitoring of Operations

G.14. 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]

Recordkeeping and Reporting Requirements

G.15. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11088(e), Rule 62-204.800(11), F.A.C., and Rule 2.201, JEPB]

G.16. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

[40 CFR 63.11088(f)]

G.17. Records of gasoline tank truck loadings shall be kept in accordance with procedures found in 40 CFR 60.502(e).

[40 CFR 60.505, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.18. Records of control device operation shall be maintained for a minimum of two (2) years and made available to the Permitting Authority upon request.

[40 CFR 60.505, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.19. Reporting and recordkeeping shall be as follows:

Item	**Record**	**Applicable Rule**
A	Tank truck vapor tightness tests shall be kept on file	40 CFR 60.505(a), (c), and (e)
B	Each tank truck file shall be updated annually	40 CFR 60.505(b)
C	Monthly leak checks shall be kept on file at the terminal	40 CFR 60.505(c) and (e)
D	Notifications to owner/ operator of each non-vapor tight truck shall be kept on file at the terminal	40 CFR 60.505(d) and (e)

[40 CFR 60.505, Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

G.20. 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 3 years.

[40 CFR 60.505(f), Rule 62-204.800, F.A.C., and Rule 2.201, JEPB; Construction Permit No. 0310179-017-AC]

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

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.

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]

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. 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. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.3. 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.4. 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); Construction Permit No. 0310179-018-AC; Construction Permit No. 0310179-020-AC]

I.5. Operation and Maintenance of Equipment. At all times the owner or operator shall operate and maintain the petroleum/ethanol storage tank 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 Permitting Authority 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.

[40 CFR 63.11085(a), 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]

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.6. The owner or operator of these storage vessels shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092(e).

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

Record-keeping and Reporting Requirements

I.7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11087(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.8. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

[40 CFR 63.11087(e); 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.9. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements

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. 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]

J.3. 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, and Subpart A, General Provisions Reporting Requirements, Notification Requirements, and Standards of performance, shall apply to the emission unit described herein.

J.4. 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)]

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.5. The owner or operator of these storage vessels shall comply with the applicable testing and monitoring requirements specified in 40 CFR 63.11092(e).

[40 CFR 63.11087(c)]

J.6. Monitoring of operations for this emissions unit shall be in accordance with 40 CFR 60.115a.

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

Notification, Recordkeeping, and Reporting Requirements

J.7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.

[40 CFR 63.11087(d)]

J.8. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

[40 CFR 63.11087(e)]

J.9. Other Reporting Requirements. See Appendix RR, Facility-Wide Reporting Requirements, for additional reporting requirements.

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.

Condition K.3. Continued:

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.

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]

<u>Notification, Recordkeeping, and Reporting Requirements</u>

K.4. The owner or operator shall submit shall submit the applicable notifications specified in 40 CFR 63.11093.

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

K.5. The owner or operator shall keep records and submit reports as specified in 40 CFR 63.11094 and 40 CFR 63.11095.

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

K.6. 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 62-4.070, F.A.C., and Rule 2.1401, JEPB; Construction Permit No. 0310179-017-AC]

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.

<u>Emission Limitations and Standards</u>

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:

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]

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.

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.**}

<u>Recordkeeping and Reporting Requirements</u>

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.

[Rule 62-4.070(3), F.A.C., and Rule 2.1401, JEPB]

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]

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.

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]

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.

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]

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]

SECTION IV. SPECIAL CONDITIONS FOR THE BLANCHARD TERMINAL COMPANY, LLC BULK GASOLINE TERMINAL

1. Blanchard Terminal Company, LLC shall be subject to the following provisions of 40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations: 40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i).

2. The permittee shall operate the facility such that none of the facility parameters used to calculate results under paragraph (a)(1) of 40 CFR 63.420 are exceeded in any rolling 30 day period. These parameters are the parameters provided in the additional information dated June 17, 2011. The permittee shall perform the requirements of 40 CFR 63. 428(i) [all of which shall be available for public inspection] as follows:

   (1) Document and report to the Permitting Authority the methods, procedures and assumptions supporting the calculations for determining criteria in 40 CFR 63.420(c). Note: Fulfilled by above referenced information dated June 17, 2011.

   (2) Maintain records to document that the facility parameters established under 40 CFR 63.420(c) have not been exceeded.

   (3) Report annually (on or before May 1, 2009 for calendar year 2008 and on or before April 1 for subsequent years) to the Permitting Authority that the facility parameters established under 40 CFR 63.420(c) have not been exceeded.

   (4) At any time prior to the above referenced parameter(s) being exceeded the permittee may submit a report to request modification of any facility parameter to the Permitting Authority for approval. Each such request shall document any expected HAP emission change resulting from the change in parameter.

   [40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i), Rule 62-204.800, F.A.C., and Rule 2.201,

   JEPB]

SECTION VI. 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 BBBBBB, Table 2, Applicability Criteria, Emission Limits, and Management Practices for Loading Racks.
Appendix NESHAP, Subpart BBBBBB, Table 3, Applicability of General Provisions.
Appendix NESHAP, Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations: 40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i).
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 SS-1, Stack Sampling Facilities
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.