BP Products North America, Inc.
BP Jacksonville Terminals A & B
Facility ID No.: 0310179
Duval County

Air Construction Permit
Draft Permit No.: 0310179-017-AC

Permitting & Compliance Authority:

Neighborhoods Department
Environmental Quality Division
Ed Ball Building, 214 North Hogan Street, 7th Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
FAX: (904) 588-0518

Air Construction Permit
DRAFT Permit No.: 0310179-017-AC

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EU ID No.	EU Description
016	Terminal A Tank Truck Loading System
024	Terminal B Tank Truck Loading Rack
030	Fugitive VOC and Fugitive HAP Emissions

Permittee:
BP Products North America, Inc.
PO Box 26038
Jacksonville, FL 32226

DRAFT Permit No.: 0310179-017-AC
Facility ID No.: 0310179
SIC No(s).: 51
Project: Butane Blending Project

The purpose of this permit is to allow the installation of new butane blending equipment at BP Jacksonville Terminals A & B to provide the ability to blend butane with gasoline products.

This facility is located at 2101 Zoo Parkway, Jacksonville, Duval County, FL 32226; UTM Coordinates: Zone 17, 441.800 km East and 3364.630 km North; Latitude: 30° 24' 50" North and Longitude: 81° 36' 21" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code (FAC) Rules 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans, and other documents attached hereto or on file with the Neighborhoods Department, Environmental Quality Division (Permitting Authority), and made a part hereof, in accordance with the terms of this permit.

***Title V Air Operation Permit Application Due Date:**

Expiration Date:

Neighborhoods Department
Environmental Quality Division

_____
Robert Steven Pace, P.E., Manager
Air Quality Branch

RSP/GHB

***Note: See Section II. Facility Wide Conditions, Subsection B., Specific Condition 7**

Section I. Facility Information

Subsection A. Project and Facility Description

The purpose of this permit is to allow the installation of new butane blending equipment at BP Jacksonville Terminals A & B to provide the ability to blend butane with gasoline products. This will provide the terminal with greater flexibility to adjust the gasoline product Reid vapor pressure (RVP). There will be two sampling and analysis systems installed at the Jacksonville Terminal, one located at each loading rack. Each sampling and analysis train will consist of pumps, analyzers, one 225 gallon denatured ethanol day tank and one 225 gallon sample return tank. Additionally, one 90,000 gallon pressurized butane vessel will be installed.

BP Products North America, Inc. is a bulk petroleum products storage and distribution terminal. Petroleum products (gasoline, diesel fuel, kerosene, jet fuel and denatured ethanol) are received from sea going vessels, railcar tankers and tanker trucks. These products are stored in the appropriate fixed or floating roof storage tanks. 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 from these 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.

The maximum throughput shall not exceed 450.0 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 260.0 x 10^6 gallons per year of kerosene distillate oil (12 month rolling total). The 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.

Emission Unit Nos. 016 and 024 are subject to Compliance Assurance Monitoring (CAM) requirements.

The existing facility is not a major stationary source of air pollution for Prevention of Significant Deterioration (PSD) purposes because the potential emissions of PSD air pollutants are less than 250 tons per year pursuant to Rule 62-210.200(189), FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB). This project is not subject to PSD preconstruction review requirements since the proposed project itself has potential emissions of PSD air pollutants that are less than 250 tons per year pursuant to Rule 62-210.200(189), FAC, and Rule 2.301, JEPB. The facility after completion of this project will not be a major stationary source of air pollution for PSD purposes because the potential emissions of PSD air pollutants will be less than 250 tons per year pursuant to Rule 62-210.200(189), FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

The facility is a major source of air pollution for Title V purposes because the potential emissions of regulated air pollutants are greater than 100 tons per year pursuant to Rule 62-210.200(188), Florida Administrative Code (FAC), and Rule 2.301, JEPB. Specifically, BP Products North America, Inc. is a major source of VOCs.

Based on the air construction permit application received May 10, 2012 this facility is not a major source of hazardous air pollutants (HAPs).

Subsection B. Summary of Emissions unit (EU) ID Nos. and Descriptions

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

EU No.	EU Description, Terminal B	Control Device
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)

Additional Emission Units:

EU ID No.	EU Description
030	Fugitive VOC and Fugitive HAP Emissions

Subsection C. Relevant documents

Air Operation Permit No. 0310179-014-AV
Air Construction Permit application received May 10, 2012
Project description received with application submittal, letter dated May 4, 2012
Project information submitted by applicant via e-mail dated May 29, 2012
Project information submitted by applicant via e-mail dated May 31, 2012
Project information submitted by applicant via e-mail dated June 6, 2012

Section II. Facility Wide Conditions

Subsection A. General Conditions

1. The terms, conditions, requirements, limitations, and restrictions set forth herein are "Permit Conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, Florida Statutes. The permittee is placed on notice that the Permitting Authority will review this permit periodically and may initiate enforcement action for any violation of these conditions.

2. This permit is valid only for the specific processes and operations applied for and indicated in the approved drawings or exhibits. Any unauthorized deviation from the approved drawings, exhibits, specifications, or conditions of this permit may constitute grounds for revocation and enforcement action by the Permitting Authority.

3. The issuance of this permit does not convey any vested rights or any exclusive privileges. Neither does it authorize any injury to public or private property or any invasion of personal rights, nor any infringement of federal, state, or local laws or regulations. This permit is not a waiver of or approval of any other Permitting Authority permit that may be required for other aspects of the total project which are not addressed in this permit.

4. This permit conveys no title to land or water, does not constitute State recognition or acknowledgement of title, and does not constitute authority for the use of submerged lands unless herein provided and the necessary title or leasehold interests have been obtained from the State. Only the Trustees of the Internal Improvement Trust Fund may express State opinion as to title.

5. This permit does not relieve the permittee from liability for harm or injury to human health or welfare, animal, or plant life, or property caused by the construction or operation of this permitted source, or from penalties therefore, nor does it allow the permittee to cause pollution in contravention of Florida Statutes and Permitting Authority rules, unless specifically authorized by an order from the Permitting Authority.

6. The permittee shall properly operate and maintain the facility and systems of treatment and control (and related appurtenances) that are installed and used by the permittee to achieve compliance with the conditions of this permit, as required by Permitting Authority rules. This provision includes the operation of backup or auxiliary facilities or similar systems when necessary to achieve compliance with the conditions of the permit and when required by Permitting Authority rules.

7. The permittee, by accepting this permit, specifically agrees to allow authorized Permitting Authority personnel, upon presentation of credentials or other documents as may be required by law and at reasonable times, access to the premises where the permitted activity is located or conducted to:
    a. Have access to and copy any records that must be kept under conditions of the permit;
    b. Inspect the facility, equipment, practices, or operations regulated or required under this permit; and
    c. Sample or monitor any substances or parameters at any location reasonably necessary to assure compliance with this permit or Permitting Authority rules.

    Reasonable time may depend on the nature of the concern being investigated.

8. If, for any reason, the permittee does not comply with or will be unable to comply with any condition or limitation specified in this permit, the permittee shall immediately provide the Permitting Authority with the following information:
    a. A description of and cause of noncompliance; and
    b. The period of noncompliance, including dates and times; or, if not corrected, the anticipated time the noncompliance is expected to continue, and steps being taken to reduce, eliminate, and prevent recurrence of the noncompliance. The permittee shall be responsible for any and all damages which may result and may be subject to enforcement action by the Permitting Authority for penalties or revocation of this permit.

9. In accepting this permit, the permittee understands and agrees that all records, notes, monitoring data and other information relating to the construction or operation of this permitted source which are submitted to the Permitting Authority may be used by the Permitting Authority as evidence in any enforcement case involving the permitted source arising under the Florida Statutes or Permitting Authority rules, except where such use is prescribed by Sections 403.111 and 403.73, Florida Statutes. Such evidence shall only be used to the extent it is consistent with the Florida Rules of Civil Procedure and appropriate evidentiary rules.

10. The permittee agrees to comply with changes in Permitting Authority rules and Florida Statutes after a reasonable time for compliance; provided, however, the permittee does not waive any other rights granted by Florida Statutes or Permitting Authority rules.

11. This permit is transferable only upon Permitting Authority approval in accordance with Rules 62-4.120 and 62-730.300, FAC, as applicable. The permittee shall be liable for any noncompliance of the permitted activity until the transfer is approved by the Permitting Authority.

12. This permit or a copy thereof shall be kept at the work site of the permitted activity.

13. This permit also constitutes:

    ( ) Determination of Best Available Control Technology (BACT)
    ( ) Determination of Prevention of Significant Deterioration (PSD)
    (X) Compliance with New Source Performance Standards

14. The permittee shall comply with the following:
    a. Upon request, the permittee shall furnish all records and plans required under Permitting Authority rules. During enforcement actions, the retention period for all records will be extended automatically unless otherwise stipulated by the Permitting Authority.
    b. The permittee shall hold at the facility or other location designated by this permit records of all monitoring information (including all calibration and maintenance records and all original strip chart recordings for continuous monitoring instrumentation) required by this permit, copies of all reports required by this permit, and records of all data used to complete the application for this permit. These materials shall be retained at least three years from the date of the sample, measurement, report, or application unless otherwise specified by Permitting Authority rule.
    c. Records of monitoring information shall include:
        1. The date, exact place, and time of sampling or measurements;
        2. The person responsible for performing the sampling or measurements;
        3. The date(s) analyses were performed;
        4. The person responsible for performing the analyses;
        5. The analytical techniques or methods used;
        6. The results of such analyses.

15. When requested by the Permitting Authority, the permittee shall within a reasonable time furnish any information required by law which is needed to determine compliance with the permit. If the permittee becomes aware that relevant facts were not submitted or were incorrect in the permit application or in any report to the Permitting Authority, such facts or information shall be corrected promptly.
    [Rule 62-4.160, FAC and Rule 2.1401, Jacksonville Environmental Protection Board (JEPB)]

Subsection B. Specific Conditions

1. Any revision(s) to a permit shall be submitted to and approved by the Permitting Authority prior to implementing.
   [Rule 62-4.080(2), FAC and Rule 2.1401, JEPB]

2. Permittee shall submit an annual operation report to the Permitting Authority for this (these) emission unit(s) on the form(s) supplied for each calendar year on or before April 1 of the following year.
   [Rule 62-210.370(3), FAC and Rule 2.301, JEPB]

3. A permittee may request that a permit be extended as a modification of the permit. Such a request must be submitted to the Permitting Authority in writing before the expiration of the permit.
   [Rule 62-4.080(3), FAC and Rule 2.1401, JEPB]

4. Permittee shall notify the Permitting Authority fifteen (15) days prior to EU testing.
   [Rule 62-297.310(7)(a)(9), FAC and Rule 2.1201, JEPB.]

5. Copies of the test report(s) shall be filed with the Permitting Authority within forty-five (45) days of completion of testing.
   [Rule 62-297.310(8)(b), FAC and Rule 2.1201, JEPB]

6. Stack sampling facilities shall comply with the applicable requirements of Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB.

7. To obtain a permit to operate, the permittee must demonstrate compliance with the conditions of the construction permit and submit a complete application for a Title V Air Operating Permit with compliance records and test results, to the Permitting Authority, at least 90 days prior to the expiration date of the construction permit but no later than 180 days after commencing operation.
   [Rule 62-213.420(1)(a), FAC and Rule 2.501, JEPB]

8. General Pollutant Emission Limiting Standards. Objectionable Odor Prohibited. The permittee shall not cause, suffer, allow, or permit the discharge of air pollutants, which cause or contribute to an objectionable odor.
[Rule 62-296.320(2), FAC and Rule 2.1101, JEPB]

9. General Pollutant Emission Limiting Standards. Volatile Organic Compounds (VOC) Emission or Organic Solvents (OS) Emissions. 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.
[Rule 62-296.320(1)(a), FAC and Rule 2.1101, JEPB]

10. The facility shall be subject to 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].

11. The facility shall be subject to JEPB Rule 2, Part Nos. I through VII, and Part Nos. IX through XIV.

12. Plant Operation - Problems: If temporarily unable to comply with any of the conditions of the permit due to breakdown of equipment or destruction by fire, wind or other cause, the permittee shall notify each Compliance Authority as soon as possible, but at least within one working day, excluding weekends and holidays. The notification shall include: pertinent information as to the cause of the problem; steps being taken to correct the problem and prevent future recurrence; and, where applicable, the owner's intent toward reconstruction of destroyed facilities. Such notification does not release the permittee from any liability for failure to comply with the conditions of this permit or the regulations.
[Rule 62-4.130, FAC and Rule 2.1401, JEPB]

13. Circumvention: The permittee shall not circumvent the air pollution control equipment or allow the emission of air pollutants without this equipment operating properly.
[Rule 62-210.650, FAC and Rule 2.301, JEPB]

14. 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 2.1301, 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 2.201, JEPB]

15. Testing of emissions shall be conducted with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the permit. If it is impracticable to test at permitted capacity, then EU may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.
[Rule 62-297.310(2), FAC and Rule 2.1201, JEPB]

16. Special Compliance Tests: When the Permitting Authority, after investigation, has good reason (such as complaints, increased visible emissions or questionable maintenance of control equipment) to believe that any applicable emission standard contained in a Permitting Authority rule or in a permit issued pursuant to those rules is being violated, it shall require the owner or operator of the emissions unit to conduct

compliance tests which identify the nature and quantity of pollutant emissions from the emissions unit and to provide a report on the results of said tests to the Permitting Authority.
[Rule 62-297.310(7), FAC and Rule 2.1201, JEPB]

17. Modifications: No new emissions unit shall be constructed and no existing emissions unit shall be modified without obtaining an air construction permit from the Permitting Authority. Such permit shall be obtained prior to beginning construction or modification.
[Rule 62-210.300(1), FAC, Rule 62-212.300(1)(a), FAC, Rule 2.301, JEPB, and Rule 2.401, JEPB]

18. Source Obligation:

    a. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by virtue of a relaxation in any enforceable limitation which was established after August 7, 1980, on the capacity of the source or modification otherwise to emit a pollutant, such as a restriction
    on hours of operation, then the requirements of subsections 62-212.400(4) through (12), FAC, shall apply to the source or modification as though construction had not yet commenced on the source or modification.
    b. At such time that a particular source or modification becomes a major stationary source or major modification (as these terms were defined at the time the source obtained the enforceable limitation) solely by exceeding its projected actual emissions, then the requirements of subsections 62-212.400(4) through (12), FAC., shall apply to the source or modification as though construction had not yet commenced on the source or modification.

    [Rule 62-212.400(12), FAC and Rule 2.401, JEPB]

19. The maximum throughput shall not exceed 450.0 x 10^6 gallons per year of gasoline, aviation gasoline, denatured ethanol, and/or gasoline/denatured ethanol blends (12 month rolling total) and 260.0 x 10^6 gallons per year of kerosene distillate oil (12 month rolling total).
[Applicant's Request, Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

20. 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 Applicants Request]

21. The permittee shall submit all compliance related notifications and reports required of this permit to:

    Environmental and Compliance Department
    Environmental Quality Division
    Ed Ball Building, 214 N. Hogan St., 7th Floor
    Jacksonville, FL 32202
    Telephone: (904) 255-7100
    Fax: (904) 588-0518

22. Any reports, data, notification, certifications, and requests required to be sent to the United States Environmental Protection Agency, should be sent to:

    United States Environmental Protection Agency
    Region 4
    Air, Pesticides & Toxics Management Division
    Air and EPCRA Enforcement Branch

61 Forsyth Street
Atlanta, GA 30303
Telephone: 404/562-9155
Fax: 404/562-9163

Section III. Emissions units and Conditions

Emissions Unit No. 016 - Terminal A, Tank Truck Loading System

Emissions Unit Description: 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(s): Jordan Model JT-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit (VRU) or Callidus, Inc. Vapor Combustion Unit [VCU (Backup)]

Essential Potential to Emit (PTE) Parameters

1. This emissions 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

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. 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, Rule 62-204.800(11), FAC, and Rule 2.201, JEPB]

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

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 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, Rule 2.301, JEPB]

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 blend 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.
   [Applicant's Request, Rule 62-296.510, FAC, and Rule 2.1101, JEPB]

Recordkeeping and Reporting Requirements

6. 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, FAC, and Rule 2.1101, JEPB]

Test Methods and Procedures

7. 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), FAC, and Rule 2.1101, JEPB]

8. Compliance testing shall be conducted on the potential sources of vapor leakage in the vapor collection system and the tank truck during the compliance test required by Specific Condition No. 9.
[Rule 62-296.510(4), FAC, and Rule 2.1101, JEPB]

9. 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., FAC, and Rule 2.1201, JEPB.

10. 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., FAC, and Rule 2.1201, JEPB.

11. Compliance testing shall be performed annually from the date of July 1, 2011 on the Jordan VRU.
[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

12. 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 is not in use.
[Rule 62-296.510(3)(b), FAC, and Rule 2.1101, JEPB]

Emissions Unit No. 024 - Terminal B, Tank Truck Loading Rack

Emissions Unit Description:	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-9078-85340-700 Carbon Adsorption/Absorption Vapor Recovery Unit or Callidus, Inc. Vapor Combustion Unit (Backup)

Essential Potential to Emit (PTE) Parameters

1. This emissions unit is allowed to operate continuously, i.e., 8,760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emissions Limitations and Standards

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. 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, Rule 62-204.800(11), FAC, and Rule 2.201, JEPB]

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), FAC, and Rule 2.201, JEPB]

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

5. The maximum throughput shall not exceed 90,000 gallons per hour of gasoline, aviation gasoline, 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]

6. Total organic compounds (TOC) emissions from the VRU or the VCU shall not exceed 20 milligrams TOC per liter of gasoline, aviation gasoline, gasoline/denatured ethanol/butane blends, and/or gasoline/denatured ethanol blends loaded. The gasoline, aviation gasoline, 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, gasoline/denatured ethanol/butane blends, and/or 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.
[Applicant's Request, Rule 40 CFR 60.502(b), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

7. Testing for 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, FAC, and Rule 2.201, JEPB]

8. Specific testing requirements for vapor collection systems and tank trucks shall be as follows:

	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) and 40 CFR 60.505	EPA RM 27
*To be performed by tank truck owner/operator		
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

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. 9 below. Item D testing shall be conducted monthly.

9. Testing for TOC shall be conducted annually from the date of July 1, 2011 on the Jordan VRU.
[Rule 40 CFR 60.503, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

10. Testing for demonstration of compliance shall be performed in accordance with 40 CFR 60.503.
[Rule 40 CFR 60.503, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Monitoring of Operations

11. 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, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

12. 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, FAC, and Rule 2.201, JEPB]

13. 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, FAC, and Rule 2.201, JEPB]

14. Reporting and recordkeeping shall be as follows:

	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, FAC, and Rule 2.201, JEPB]

15. The owner or operator of an affected emissions 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, FAC, and Rule 2.201, JEPB]

Emissions Unit No. 030 - Fugitive VOC and Fugitive HAP Emissions

Emissions Unit Description: 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.

{Permitting Note: The roof landings emissions are reported in the Annual Operating Report under the appropriate emissions unit for any gasoline tank which was landed during the reporting year.}

Essential Potential to Emit (PTE) Parameters

1. This EU shall be 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

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. 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, Rule 62-204.800(11), FAC, and Rule 2.201, JEPB]

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

   a. The owner or operator shall perform a monthly leak inspection of all equipment in gasoline service, as defined in 40 CFR 63.11100 (i.e. each valve, pump, pressure relief device, sampling connection system, open-ended valve or line, flange or other connectors, and the entire vapor processing system. For this inspection, detection methods incorporating sight, sound, and smell are acceptable.

   b. A log book shall be used and shall be signed by the owner or operator at the completion of each inspection. A section of the log book shall contain a list, summary description, or diagram(s) showing the location of all equipment in gasoline service at the facility.

   c. Each detection of a liquid or vapor leak shall be recorded in the log book. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than 5 calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak, except as provided in Specific Condition No. 3d. of this section.

   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), FAC, and Rule 2.201, JEPB]

Notifications, Record-keeping and Reporting Requirements

4. The owner or operator shall submit the applicable notifications specified in 40 CFR 63.11093.
   [40 CFR 63.11089 (f), Rule 62-204.800(11), FAC, and Rule 2.201, JEPB]

5. The owner or operator shall keep records and submit reports as specified in 40 CFR 40 CFR 63.11094 and 40 CFR 63.11095
   [40 CFR 63.11089 (g), Rule 62-204.800(11), FAC, and Rule 2.201, JEPB]

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, FAC, and Rule 2.1401, JEPB]

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