

ENVIRONMENTAL AND COMPLIANCE DEPARTMENT



Permittee:

Center Point Terminal Company
3101 Talleyrand Avenue
Jacksonville, FL 32206-2639

Permit Number: 0310562-002-AO

Facility ID Number: 0310562

SIC Number: 5171

Project: Bulk Fuel/Gasoline Terminal

This Air Operation permit is for a bulk fuel/gasoline terminal. This facility is located at 3101 Talleyrand Avenue, Jacksonville, FL 32206; UTM Coordinates: Zone 17, 440.00 km East and 3358.66 km North; Latitude: 30°21'30" North and Longitude: 81°37'36" West.

This permit is issued under the provisions of Chapter 403, Florida Statutes (FS) and Chapters 62-4, 62-204, 62-210, 62-212, 62-213, 62-296, and 62-297, Florida Administrative Code, (FAC). 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 Environmental and Compliance Department, Environmental Quality Division (Permitting Authority) in accordance with the terms and conditions of this permit.

Renewal Application Due Date:

March 31, 2016

Expiration Date:

May 31, 2016

**Environmental and Compliance Department
Environmental Quality Division**

A handwritten signature in black ink, appearing to read "Robert Steven Pace", written over a horizontal line.

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

RSP/CBJ

Section I. Facility Information

Subsection A. Facility/Project Description

This facility is a bulk fuel/gasoline terminal. It consists of nine fuel storage vessels with internal floating roofs, four fixed roof additive tanks, one fixed roof slop tank, and a three bay (twelve arm) tank truck loading rack for fuel disbursement. Fuel products will be unloaded from barges, rail cars, and/or tankers. The various fuels will include gasoline, gasoline blends, ethanol, aviation fuels, distillate fuel oils, and/or other non-petroleum fuel products.

The facility is a synthetic non-Title V source of air pollution because the potential emissions of regulated air pollutants are restricted to less than 100 tons per year and the potential emissions of Hazardous Air Pollutants (HAP) are restricted to less than 10 tons per year for a single HAP and less than 25 tons per year for total HAPs pursuant to Rule 62-210.200, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

Subsection B. Summary of Emission Unit (EU) ID Numbers and Brief Descriptions

<u>EU No.</u>	<u>EU Description</u>	<u>Control Device</u>
001	Nine (9) fuel storage vessels	Internal floating roofs with mechanical shoe seals
002	Three Bay, Twelve Arm, Tank Truck Loading Rack	John Zink enclosed Vapor Combustor (VC) Model: ZCT-5-8-35-X-2/8-X-X

Subsection C. Relevant documents

Air Operation permit application received June 22, 2010

Additional information requested July 22, 2010

Additional information received August 6, 2010, August 16, 2010, November 12, 2010, December 2, 2010, February 2, 2011, and April 12, 2011

Air Construction permit 0310562-001-AC

Section II - Facility Wide Conditions

Subsection A - General Conditions

1. The terms, conditions, requirements, limitations and restrictions set forth in this permit, are "permit conditions" and are binding and enforceable pursuant to Sections 403.141, 403.727, or 403.859 through 403.861, FS. 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. As provided in subsections 403.987(6) and 403.722(5), FS, 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 department 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 acknowledgment of title, and 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 for 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, FS. 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 non-compliance 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 (NSPS)
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 the 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 dates 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 the 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, JEPB]

Subsection B - Specific Conditions

1. The permittee shall not operate, maintain, perform construction, expand, or modify this facility without an appropriate and valid air permit issued by the Permitting Authority.
[Rules 62-4.030 and 62.296.500(2)(a)1, FAC, and Rules 2.1401 and 2.1101, JEPB]
2. The emission of volatile organic compounds (VOC's) shall be limited to less than 100 tons per year. The emission of hazardous air pollutants (HAP's) shall be limited to less than ten (10) tons per year for each individual HAP and less than twenty-five (25) tons per year for total HAP's.
[Applicants Request, Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

3. The permittee shall submit a desired revision to an air permit or application and receive the approval of the Permitting Authority prior to implementation.
[Rule 62-4.080(2), FAC, and Rule 2.1401, JEPB]
4. The permittee shall submit an “Application for Non-Title V Air Permit Renewal” (DEP Form 62-210.900(4)) to the Permitting Authority no later than sixty (60) days before the expiration of this permit.
[Rule 62-4.090, FAC, and Rule 2.1401, JEPB]
5. The permittee shall submit an “Application for Transfer of Air Permit” (DEP Form 62-210.900(7)) to the Permitting Authority within 30 days after the sale or legal transfer of a permitted facility. The application must be completed with the notarized signatures of both the permittee and the proposed new permittee.
[Rule 62-4.120, FAC, and Rule 2.1401, JEPB]
6. The permittee shall immediately notify the Permitting Authority if the permittee is unable to comply with any of the conditions of an air permit.
[Rule 62-4.130, FAC, and Rule 2.1401, JEPB]
7. The owner or operator of any proposed new, reconstructed, or modified facility, emissions unit, or pollution control equipment shall obtain an air construction permit prior to the beginning of construction, reconstruction or modification of the facility, emissions unit or the addition of air pollution control equipment.
[Rule 62-210.300(1)(a), FAC, and Rule 2.301, JEPB]
8. All limitations and requirements of an air construction permit that are applicable to the design and operation of the permitted facility or emissions unit shall remain in effect until the facility or emissions unit is permanently shut down, except for any such limitation or requirement that is obsolete by its nature. Any change to a facility that would constitute a modification, as defined at Rule 62-210.200, FAC, shall be accomplished only following the issuance of an air construction permit.
[Rule 62-210.300(1)(b), FAC, and Rule 2.301, JEPB]
9. The permittee shall obtain a renewal air operation permit, an initial air operation permit, or a revision of an existing air operation permit, whichever is appropriate, prior to the expiration of the air operation permit for an existing facility or emissions unit or subsequent to construction, reconstruction or modification of a facility or emissions unit and demonstration of compliance with the conditions of an air construction permit.
[Rule 62-210.300(2), FAC, and Rule 2.301, JEPB]
10. The permittee shall notify the Permitting Authority in writing of minor corrections or amendments to information contained in an air permit. Such minor corrections or amendments shall include:
 - (a) Typographical errors noted in the permit
 - (b) Name, address or phone number change from that in the permit
 - (c) A change requiring more frequent monitoring or reporting by the permittee
 - (d) A change in ownership or operational control of a facility[Rule 62-210.360, FAC, and Rule 2.301, JEPB]
11. The permittee shall submit an “Annual Operating Report for Air Pollutant Emitting Facility” (DEP Form No. 62-210.900(5)) to the Permitting Authority each year. The annual operating report shall be submitted to the Permitting Authority no later than April 1st of the following year.
[Rules 62-210.370(3) and 62.296.500(2)(c) FAC, and Rules 2.301 and 2.1101, JEPB]
12. The permittee shall not circumvent any air pollution control device, or allow the emission of air pollutants without the applicable air pollution control device operating properly.
[Rule 62-210.650, FAC, and Rule 2.301, JEPB]

13. Excess emissions resulting from startup, shutdown or malfunction of any emissions unit shall be permitted providing:
 - (a) Best operational practices to minimize emissions are adhered to and
 - (b) 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.[Rule 62-210.700(1), FAC, and Rule 2.301, JEPB]
14. The permittee shall not allow any 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.
[Rule 62-210.700(4), FAC, and Rule 2.301, JEPB]
15. The permittee shall notify the Permitting Authority of any excess emissions resulting from malfunctions. A full written report on the malfunctions shall be submitted in a quarterly report, if requested by the Permitting Authority.
[Rule 62-210.700(6), FAC, and Rule 2.301, JEPB]
16. The permittee shall not 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 Permitting Authority.
[Rules 62-296.320(1) and 62.296.500(2)(a)2, FAC, and Rule 2.1101, JEPB]
17. 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]
18. The permittee shall not cause, let, permit, suffer or allow to be discharged into the atmosphere the emissions of air pollutants from any activity, the density of which is equal to or greater than 20 percent opacity.
[Rule 62-296.320(4)(b)1, FAC, and Rule 2.1101, JEPB]
19. The permittee shall conduct emission testing with the EU operating at permitted capacity. Permitted capacity is defined as 90-100 percent of the maximum operating rate allowed by the air permit. If it is impractical to test at permitted capacity, then the 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, operation at higher capacities is allowed for no more than 15 consecutive days solely for the purposes of additional compliance testing to regain the permitted capacity in the air permit.
[Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]
20. The permittee shall provide permanent stack sampling facilities, with a method of access that is safe and readily accessible in accordance with OSHA standards (29CFR1910, Subparts D and E).
[Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]
21. The permittee shall perform a satisfactory compliance test prior to the renewal of an operation permit. The most recent annual compliance test shall satisfy this requirement if conducted in the past year.
[Rule 62-297.310(7)(a)3, FAC, and Rule 2.1201, JEPB].
22. The permittee shall notify the Permitting Authority at least fifteen (15) days prior to EU compliance testing (including storage tank inspections).
[Rule 62-297.310(7)(a)9, FAC, and Rule 2.1201, JEPB]

23. The permittee shall file a report with the Permitting Authority on the results of each compliance test as soon as practical but no later than forty-five (45) days after completion of testing.
[Rule 62-297.310(8), FAC, and Rule 2.1201, JEPB]
24. This facility is subject to Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 365 [Hazardous Regulated Substance Program], Chapter 376 [Odor Control] of the Ordinance Code of the City of Jacksonville, Title X; and Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice], and Rule 2, Part Numbers I through III and Part Numbers X through XIV [Air Pollution Control], JEPB.
25. The permittee shall submit all compliance related notifications and reports required of this permit to:

Environmental and Compliance Department
Environmental Quality Division
407 North Laura Street, Third Floor
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

26. Applicable sections 40 CFR 60 Subpart A, General Provisions, shall apply to all emission units described herein.
27. 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. Emission Units and Conditions

Emission Unit 001 - Fuel Storage Vessels

Emission Unit Description – Eight (8) vessels each having a capacity of 81,312 barrels (bbl) (3,415,104 gallons) and one (1) vessel having a capacity of 27,389 bbl (1,150,338 gallons). Various fuels will be stored in these vessels to include gasoline, gasoline blends, ethanol, aviation fuel, distillate fuel oil, and/or other non-petroleum fuel products.

Control Device Description - Internal floating roof with mechanical shoe seal on each vessel

Essential Potential to Emit (PTE) Parameters

1. This emissions unit (each vessel) is permitted to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210 (PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

2. 40CFR60, 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 this EU.
[40CFR60, Subpart Kb, Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]
3. The maximum throughput rate for this EU (total for all vessels) shall not exceed 230 million gallons per year of fuels.
[Rule 62-210 (PTE), FAC, and Rule 2.301, JEPB]
4. The permittee shall ensure each storage vessel meets the following specifications:
 - (a) 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 those intervals when the storage vessel is completely emptied and subsequently refilled. When the roof is resting on the leg supports, the process of emptying and refilling shall be continuous and shall be accomplished as rapidly as possible.
 - (b) Each internal floating roof shall be equipped with a mechanical shoe seal between the wall of the storage vessel and the edge of the internal floating roof.
 - (c) 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.
 - (d) 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) unless 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.
 - (e) 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.

(f) 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.

(g) 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.

(h) 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.

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

[40CFR60.112b, Rule 62.204.800(b)17, FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

5. The permittee shall:

(a) 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. 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 Section III, EU 001, condition 12 of this permit. 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.

(b) 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.

[40CFR60.113b, Rule 62.204.800(b)17, FAC, and Rule 2.201, JEPB]

Monitoring of Operations

6. The permittee shall notify the Permitting Authority within 30 days, when storing a liquid with a maximum true vapor pressure that is normally less than 5.2 kilopascals (kPa), if the maximum true vapor pressure of the liquid exceeds 5.2 kPa.

[40CFR60.116b(d), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]

7. The permittee shall determine the maximum true vapor pressure of the VOL being stored in each vessel.

[40CFR60.116b(e), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

8. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of this EU and any malfunction of the air pollution control equipment.
[40CFR60.7(b), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]
9. The permittee shall maintain a file, including performance testing measurements and all other information required by 40CFR60, recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.
[40CFR60.7(f), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]
10. The permittee shall notify the Permitting Authority in writing at least 30 days prior to the refilling of each storage vessel for which an inspection is required by Section III, EU 001, condition 5(b) of this permit to afford the Permitting Authority the opportunity to have an observer present. If the inspection is not planned and the permittee could not have known about the inspection 30 days in advance of refilling the tank, the permittee 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 refilling.
[40CFR60.113b, Rule 62.204.800(b)17, FAC, and Rule 2.201, JEPB]
11. The permittee shall keep a record of each inspection performed as required by Section III, EU 001, condition 10 of this permit. 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).
[40CFR60.115b(a)(2), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]
12. If any of the conditions described in Section III, EU 001, condition 5(a) of this permit are detected during the annual visual inspection, 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.
[40CFR60.115b(a)(3), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]
13. The record required by Section III, EU 001, condition 14 of this permit will be kept for the life of each storage vessel.
[40CFR60.116b(a), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]
14. The permittee shall keep readily accessible records showing the dimensions of each storage vessel and an analysis showing the capacity of each storage vessel.
[40CFR60.116b(b), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]
15. The permittee 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 each storage vessel.
[40CFR60.116b(c), Rule 62-204.800(8)(b)17, FAC, and Rule 2.201, JEPB]

Emission Unit 002 - Tank Truck Loading Rack Operation

Emissions Unit Description - Three Bay (twelve arm) loading rack, loading gasoline, gasoline blends and other fuel products into tanker trucks.

Control Device - John Zink Enclosed Vapor Combustor Flare

Essential Potential to Emit (PTE) Parameters

1. This emission unit is allowed to operate continuously, i.e., 8,760 hours per year.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]
2. The maximum throughput for this EU shall not exceed 230 million gallons per year of product (216,000 gallons per hour, 3600 gallons per minute).
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations and Standards

3. 40CFR60 Subpart XX, Standards of Performance for Bulk Gasoline Terminals, shall apply to this EU.
[40CFR60 Subpart XX, Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
4. This EU shall operate with a vapor collection system designed to collect the total organic compound (TOC) vapors displaced from tank trucks at all times during product loading.
[40CFR60.502(a), Rules 62-204.800(8)(b)55 and 62-296.510(3), FAC, and Rules 2.201 and 2.1101, JEPB]
5. The TOC emissions in the flare exhaust shall not exceed 10 milligrams per liter of product loaded (9.2 tons per year).
[Applicant's Request, 40CFR60.502(b), Rules 62-204.800(8)(b)55 and 62-296.510(2), FAC, and Rules 2.201 and 2.1101, JEPB]
6. The vapor collection system shall prevent any TOC vapors collected at one loading rack from passing to another loading rack.
[40CFR60.502(d), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
7. The loading of product into tank trucks shall be limited to vapor-tight tank trucks.
[40CFR60.502(e), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
8. The vapor collection and liquid loading equipment shall be designed and operated to prevent gauge pressure in the tank truck from exceeding 4,500 pascals (450 mm of water) during product loading.
[40CFR60.502(h), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
9. No pressure-vacuum vent in the bulk gasoline terminal's vapor collection system shall begin to open at a system pressure less than 4,500 pascals (450 mm of water).
[40CFR60.502(i), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
10. There shall be no reading greater than or equal to 100 percent of the lower explosive level (LEL) during loading or unloading operations, measured as propane at 1 in. (2.5 centimeters) around the perimeter of a potential leak source as detected by a combustible gas detector.
[Rule 62-297.440(2)(b)2, FAC, and Rule 2.1201, JEPB]

Test Methods and Procedures

11. Testing for demonstration of compliance, for TOC liquid or vapor leaks, shall be performed each calendar month on the vapor collection system, the vapor processing system, and each loading rack, during the loading of tank trucks. For purposes of this paragraph, detection methods incorporating sight, sound, or smell are acceptable. Each detection of a leak shall be recorded and the source of the leak repaired within 15 calendar days after it is detected.
[40CFR60.502(j), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
12. Testing for demonstration of compliance, for potential sources of vapor leakage in the vapor collection system, shall be performed immediately prior to the compliance tests required by Section III, EU 002, conditions 13 and 14 of this permit, in accordance with Environmental Protection Agency (EPA) Reference Method (RM) 21 (as described in 40CFR60, Appendix A).
[Rule 40CFR60.503(b), Rules 62-204.800(8)(b)55 and 62-296.510(4)(b), FAC, and Rules 2.201 and 2.1101, JEPB]
13. Testing for demonstration of compliance, for TOC emissions, shall be performed annually in accordance with EPA RM 25A or 25B (as described in 40CFR60, Appendix A).
[Rule 40CFR60.503(c), Rules 62-204.800(8)(b)55, 62-296.510(4)(a), 62-297.310(7)(a)4, and 62-297.440(2)(b)1, FAC, and Rules 2.201, 2.1101, and 2.1201, JEPB]
14. Testing for demonstration of compliance, for tank truck loading pressure, shall be performed annually.
[Rule 40CFR60.503(d), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]

Monitoring of Operations

15. The permittee shall obtain the vapor tightness documentation described in 40CFR60.505 for each tank truck loaded at this facility.
[40CFR60.502(e)(1), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
16. The permittee shall require the tank identification number to be recorded as each tank truck is loaded at this facility.
[40CFR60.502(e)(2), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
17. The permittee shall cross-check each tank identification number with the file of tank vapor tightness documentation within two (2) weeks after the corresponding tank is loaded, unless either of the following conditions is maintained:
 - (a) If less than an average of one tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (b) If less than an average of one tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semiannually.If either the quarterly or semiannual cross-check conditions were not maintained, the permittee must return to biweekly monitoring until such time as these conditions are met.
[40CFR60.502(e)(3), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
18. The permittee shall notify the owner or operator of each non-vapor-tight tank truck loaded at the affected facility within one (1) week of the documentation cross-check.
[40CFR60.502(e)(4), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]

19. The permittee shall ensure that the non-vapor-tight tank truck identified by Section III, EU 002, condition 18 of this permit will not be reloaded at this facility until vapor tightness documentation for that tank is obtained.
[40CFR60.502(e)(5), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
20. The permittee shall ensure that only tank trucks equipped with vapor collection equipment that is compatible with the facility's vapor collection system are loaded.
[40CFR60.502(f), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
21. The permittee shall ensure that the facility's and the tank truck's vapor collection systems are connected during the loading of each tank truck at this facility.
[40CFR60.502(g), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]

Recordkeeping and Reporting

22. The permittee shall maintain records of the occurrence and duration of any startup, shutdown, or malfunction in the operation of this EU and any malfunction of the air pollution control equipment.
[40CFR60.7(b), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB]
23. The permittee shall maintain a file, including performance testing measurements and all other information required by 40CFR60, recorded in a permanent form suitable for inspection. The file shall be retained for at least two years following the date of such measurements, maintenance, reports, and records.
[40CFR60.7(f), Rules 62-204.800(8) and 62-296.500(2)(b)5, FAC, and Rules 2.201 and 2.1101, JEPB]
24. The permittee shall maintain a file, concerning tank truck vapor-tightness, at the facility, in a permanent form available for inspection, to record compliance with Section III, EU 002, conditions 15 through 19 of this permit.
[40CFR60.505(a), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
25. The permittee shall annually update each tank truck file to reflect current compliance test results.
[40CFR60.505(b), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
26. The permittee shall maintain, at the facility, a record of the monthly leak inspections, for at least two years.
[40CFR60.505(c), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
27. The permittee shall maintain, at the facility, documentation of all notifications to the owner/operator of each non-vapor-tight tank truck, for at least two years.
[40CFR60.505(d), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
28. The permittee may comply with the requirements in either 40CFR60.505(e)(1) or (2) as an alternative to keeping records at the facility of each tank truck test result.
[40CFR60.505(e), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]
29. The permittee shall keep records of all replacements or additions of components to the vapor processing system for at least 3 years.
[40CFR60.505(f), Rule 62-204.800(8)(b)55, FAC, and Rule 2.201, JEPB]