Hess Corporation
Jacksonville Terminal
Facility ID No.: 0310180
Duval County

FINAL Title V Air Operation Permit No.: 0310180-018-AV
Renewal of Title V Air Operation Permit No. 0310180-012-AV

PERMITTING & COMPLIANCE AUTHORITY:

NEIGHBORHOODS DEPARTMENT
ENVIRONMENTAL QUALITY DIVISION
ED BALL BUILDING
214 NORTH HOGAN STREET, SUITE 500
JACKSONVILLE, FL 32202
TELEPHONE: (904) 255-7100
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Title V Air Operation Permit Renewal

FINAL Permit No.: 0310180-018-AV
Renewal of Title V Air Operation Permit No.: 0310180-012-AV

Table of Contents

Section **Page Number**

Placard Page ……...1

I. Facility Information ……2 - 4

A. Facility Description.
B. Summary of Emissions Unit ID No(s). and Brief Description(s).
C. Relevant Documents.

II. Facility-wide Conditions ……..4 - 8

III. Emissions Unit(s) and Conditions …….…8 - 23

EU No.	Brief Description	Control Device
001	Petroleum/Ethanol Storage Tank No. 7707 (1,470,000 Gallons) [RACT]	External Floating Roof
002	Petroleum/Ethanol Storage Tank No. 7708 (2,310,000 Gallons) [RACT]	External Floating Roof
003	Petroleum/Ethanol Storage Tank No. 7711 (4,032,000 Gallons) [NSPS]	External Floating Roof
004	Fixed Roof Petroleum Storage Tank No. 7710 (4,032,000 Gallons)	None
005	Six Bay Tank Truck Loading Rack [NSPS]	John Zink Company Vapor Combustor, Model No. ZCT-5-9-50, One McGill Adsorption/Absorption Vapor Recovery Unit, Model No. MR-704 HS is used as a back-up.
007	Fixed Roof Storage Tank No. 7712 (18,270 Gallons) Fixed Roof Storage Tank No 7714 (5,754 Gallons) Fixed Roof Storage Tank No 7715 (11,172 Gallons) Fixed Roof Storage Tank No 7716 (4,578 Gallons) Fixed Roof Storage Tank No 7717 (4,620 Gallons) Fixed Roof Storage Tank No 7718 (294 Gallons)	None

EU No.	Brief Description	Control Device
007	Fixed Roof Storage Tank No 7719 (9,492 Gallons) Fixed Roof Storage Tank No 7720 (550 Gallons)	
009	Miscellaneous Fugitive Emissions including tank water bottoms, fugitive emissions during gasoline and distillate tank truck loading, and fugitive emissions from piping, pumps, and valves	None
011	Petroleum\Ethanol Storage Tank No. 7709 (6,300,000 Gallons) [RACT]	Internal Floating Roof
012	Marine Loading Operation	None
013	Petroleum\Ethanol Storage Tank No. 7702 (6,300,000 Gallons) [RACT]	Internal Floating Roof
015	Petroleum\Ethanol Storage Tank No. 7706 (1,470,000 Gallons) [RACT]	Internal Floating Roof
016	Petroleum\Ethanol Storage Tank No. 7705 (1,470,000 Gallons) [RACT]	Internal Floating Roof
017	Emergency Diesel Engine	

Statement of Basis
Appendix, 40 CFR 63, Subpart BBBBBB, Table 1, Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks
Appendix, 40 CFR 63, Subpart BBBBBB, Table 2, Applicability Criteria, Emission Limits, and Management Practices for Loading Racks
Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix CAM
Appendix H-1, Permit History
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix LR-1, Local Rule Index
Appendix SS-1, Stack Sampling Facilities
Appendix TV-6, Title V Conditions
Table 1-1, Summary of Air Pollutant Standards and Terms
Table 2-1, Summary of Compliance Requirements

Permittee:
Hess Corporation
1 Hess Plaza
Woodbridge, NJ 07095

FINAL Permit No.: 0310180-018-AV
Facility ID No.: 0310180
SIC Nos.: 51
Project: Title V Air Operation Permit Renewal

The purpose of this permit is to renew Title V Air Operation Permit No. 0310180-012-AV. Hess Corporation, Jacksonville Terminal is located at 2617 Zoo Parkway, Jacksonville, Duval County, FL 32226; UTM Coordinates: Zone 17, 442.668 km East and 3365.142 km North; Latitude: 30° 25′ 07″ North and Longitude: 81° 35′ 49″ West.

This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (FS), and Chapters 62-4, 62-213 and 62-213, Florida Administrative Code (FAC). The above named permittee is hereby authorized to operate the facility shown on the application and approved drawing(s), plans, and other documents, attached hereto or on file with the Permitting Authority, in accordance with the terms and conditions of this permit.

Referenced attachments made a part of this permit:

Statement of Basis
Appendix, 40 CFR 63, Subpart BBBBBB, Table 1, Applicability Criteria, Emission Limits, and Management Practices for Storage Tanks
Appendix, 40 CFR 63, Subpart BBBBBB, Table 2, Applicability Criteria, Emission Limits, and Management Practices for Loading Racks
Appendix CAM
Appendix I-1, List of Insignificant Emissions Units and/or Activities
Appendix SS-1, STACK SAMPLING FACILITIES
Appendix TV-6, TITLE V CONDITIONS

Effective Date: **October 25, 2012**
Renewal Application Due Date: **March 20, 2017**
Expiration Date: **October 31, 2017**

Neighborhoods Department
Environmental Quality Division

Vincent A. Seibold, P.E.,
Division Chief

VAS/HDS

Section I. Facility Information

Subsection A. Facility/Project Description

Hess Corporation, Jacksonville Terminal is a bulk fuel facility. Gasoline and other petroleum products are received from sea going vessels, trucks, railcars, or pipelines, stored in fixed and floating roof storage tanks and dispensed through a six bay tank truck loading rack system and/or marine vessels. In addition, this facility receives, stores, handles and distributes ethanol and ethanol products at the facility. Volatile Organic Compounds (VOC) from gasoline loading operations are controlled through a primary vapor combustion unit (John Zink Company Vapor Combustor, Model Number ZCT-5-9-50). The McGill carbon adsorption/absorption vapor recovery unit (Model No. MR-704HS) shall be used as a back-up vapor control unit.

This permit is for the purpose of renewing Title V Air Operation Permit No. 0310180-012-AV.

Hess Corporation, Jacksonville Terminal is a Title V major source of pollution because the potential emissions of one or more individual criteria pollutants is equal to or greater than 100 tons per year in accordance with Chapter 62-210, FAC, and Rule 2.301, Jacksonville Environmental Protection Board (JEPB).

Based on the Title V Operation Permit Renewal Application received April 17, 2012, this facility is a synthetic minor source of hazardous air pollutants (HAPs).

Emission Unit No. 005 is subject to Compliance Assurance Monitoring (CAM) requirements.

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

EU No.	Brief Description	Control Device
001	Petroleum/Ethanol Storage Tank No. 7707 (1,470,000 Gallons) [RACT]	External Floating Roof
002	Petroleum/Ethanol Storage Tank No. 7708 (2,310,000 Gallons) [RACT]	External Floating Roof
003	Petroleum/Ethanol Storage Tank No. 7711 (4,032,000 Gallons) [NSPS]	External Floating Roof
004	Fixed Roof Petroleum Storage Tank No. 7710 (4,032,000 Gallons)	None
005	Six Bay Tank Truck Loading Rack [NSPS]	John Zink Company Vapor Combustor, Model No. ZCT-5-9-50, One McGill Adsorption/Absorption Vapor Recovery Unit, Model No. MR-704 HS is used as a back-up.

EU No.	Brief Description	Control Device
007	Fixed Roof Storage Tank No. 7712 (18,270 Gallons) Fixed Roof Storage Tank No 7714 (5,754 Gallons) Fixed Roof Storage Tank No 7715 (11,172 Gallons) Fixed Roof Storage Tank No 7716 (4,578 Gallons) Fixed Roof Storage Tank No 7717 (4,620 Gallons) Fixed Roof Storage Tank No 7718 (294 Gallons) Fixed Roof Storage Tank No 7719 (9,492 Gallons) Fixed Roof Storage Tank No 7720 (550 Gallons)	None
009	Miscellaneous Fugitive Emissions including tank water bottoms, fugitive emissions during gasoline and distillate tank truck loading, and fugitive emissions from piping, pumps, and valves	None
011	Petroleum\Ethanol Storage Tank No. 7709 (6,300,000 Gallons) [RACT]	Internal Floating Roof
012	Marine Loading Operation	None
013	Petroleum\Ethanol Storage Tank No. 7702 (6,300,000 Gallons) [RACT]	Internal Floating Roof
015	Petroleum\Ethanol Storage Tank No. 7706 (1,470,000 Gallons) [RACT]	Internal Floating Roof
016	Petroleum\Ethanol Storage Tank No. 7705 (1,470,000 Gallons) [RACT]	Internal Floating Roof
017	Emergency Diesel Engine	None

Please reference the Permit No., Facility ID No., and appropriate Emissions Unit(s) ID No(s). on all correspondence, test report submittals, applications, etc.

Subsection C. Relevant Documents.

The documents listed below are not a part of this permit; however, they are specifically related to this permitting action.

These documents are provided to the permittee for information purposes only:

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers
Appendix H-1, Permit History
Appendix LR-1, Local Rule Index
Table 1-1: Summary of Air Pollutant Standards and Terms
Table 2-1: Summary of Compliance Requirements

These documents are on file with the Permitting Authority:

Title V Air Operation Permit Renewal Application received April 17, 2012
Title V Air Operation Permit Revision: 0310180-016-AV
Title V Air Operation Permit: 0310180-012-AV
Comments regarding the draft permit received September 27, 2012 via e-mail correspondence

Section II. Facility-Wide Conditions

The following conditions apply facility-wide:

1. Appendix TV-6, Title V Conditions, is a part of this permit.
   {Permitting note: Appendix TV-6, Title V Conditions, is distributed to the permittee only. Other persons requesting copies of these conditions shall be provided one copy when requested or otherwise appropriate.}

2. General Particulate Emission Limiting Standards. General Visible Emissions Standard.
   Except for emissions units that are subject to a particulate matter or opacity limit set forth or established by rule and reflected by conditions in this permit, no person shall 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 that designated as Number 1 on the Ringelmann Chart (20 percent opacity) in accordance with Rule 62-296.320(4)(b)1., FAC, and Rule 2.1101, JEPB. EPA Method 9 is the method of compliance pursuant to Chapter 62-297, FAC, and Rule 2.1201, JEPB. Testing shall be required upon request of the Permitting Authority.

3. General Pollutant Emission Limiting Standards. 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 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), FAC, and Rule 2.1101, JEPB]

4. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit (EU) 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]

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

6. 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 emission units may be tested at less than the maximum permitted 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 authority to operate at the permitted capacity in the permit.
[Rule 62-297.310(2), FAC, and Rule 2.1201, JEPB]

7. 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]

8. Unconfined particulate matter (PM) emissions from yard operations, open stock piling of materials and/or materials handling operations shall be controlled by using the following reasonable precautions.

   a. Reduced speed for vehicular traffic.
   b. Use of liquid resinous adhesives or other liquid dust suppressants or wetting agents.
   c. Use of paving or other asphaltic materials.
   d. Removal of PM from paved roads and/or other paved areas by vacuum cleaning or otherwise by wetting prior to sweeping.
   e. Covering of trucks, trailers, front end loaders, and other vehicles or containers to prevent spillage of PM during transport.
   f. Use of mulch, hydro seeding, grassing, and/or other vegetative ground cover on barren areas to prevent or reduce PM from being windblown.
   g. Use of hoods, fans, filters, and similar equipment to contain, capture, and vent PM.
   h. Enclosures or covering of conveyor systems.

   [Rule 62-296.320(4)(c)1., 2., & 3., FAC, Rule 2.1101, JEPB, and 0310180-018-AV]

9. Control equipment shall be provided with a method of access that is safe and readily accessible.
[Rule 62-297.310(6), FAC, and Rule 2.1201, JEPB]

10. <u>Prevention of Accidental Releases (Section 112(r) of CAA)</u>.

    a. The permittee shall submit its Risk Management Plan (RMP) to the Chemical Emergency Preparedness and Prevention Office (CEPPO) RMP Reporting Center when, and if, such requirement becomes applicable. Any Risk Management Plans, original submittals, revisions or updates to submittals, should be sent to:

    RMP Reporting Center
    Post Office Box 10162
    Fairfax, VA 22038
    Telephone: (703) 227-7650

    and,

    b. The permittee shall submit to the Permitting Authority Title V certification forms or a compliance schedule in accordance with Rule 62-213.440(2), FAC.

    [40 CFR 68, Rule 204.800, FAC, and Rule 2.1001, JEPB]

11. Annual Operation Report. Permittee shall submit an annual operating report to the Permitting Authority for all emissions units on the forms supplied for each calendar year by April 1 of the following year.
[Rule 62-210.370(3), F.A.C. and Rule 2.301, JEPB]

12. Permit Renewal. For purposes of a permit renewal, a timely application is one that is submitted 225 days before the expiration of a permit that expires on or after June 1, 2009.
[Rule 62-213.420(1)(a)2., F.A.C. and Rule 2.501, JEPB]

13. Notification of Startup. The owners or operator of any emissions unit or facility which has a valid air operation permit which has been shut down more than one year, shall notify the Permitting Authority in writing of the intent to start up such emissions unit or facility, a minimum of 60 days prior to the intended startup date.

    a. The notification shall include information as to the startup date, anticipated emission rates or pollutants released, changes to processes or control devices which will result in changes to emission rates, and any other conditions which may differ from the valid outstanding operation permit.
    b. If, due to an emergency, a startup date is not known 60 days prior thereto, the owner shall notify the Permitting Authority as soon as possible after the date of such startup is ascertained.

    [Rule 62-210.300(5), F.A.C. and Rule 2.301, JEPB]

14. Insignificant Emission Units and/or Activities, Appendix I-1, List of Insignificant Emission Units and/or Activities, is a part of this permit.
[Rule 62-213.440(1), FAC, Rule 62-213.430(6), FAC, Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB and Rule 2.1401, JEPB]

15. Annual Emissions Fee Form and Fee. The annual Title V emissions fees are due (postmarked) by March 1st of each year. The completed form and calculated fee shall be submitted to: Major Air Pollution Source Annual Emissions Fee, P.O. Box 3070, Tallahassee, Florida 32315-3070. The forms are available for download 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".
[Rule 62-213.205, FAC and Rule 2.501, JEPB]

16. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), F.A.C., any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, F.A.C., shall contain a certification signed by a responsible official that, based on information and belief formed after reasonable inquiry, the statements and information in the document are true, accurate, and complete. Any responsible official who fails to submit any required information or who has submitted incorrect information shall, upon becoming aware of such failure or incorrect submittal, promptly submit such supplementary information or correct information.
[Rule 62-213.420(4), FAC and Rule 2.501, JEPB]

17. Statement of Compliance. The annual statement of compliance pursuant to Rule 62-213.440(3)(a)2., FAC, shall be submitted to the Permitting Authority and EPA within 60 (sixty) days after the end of the calendar year using DEP Form No. 62-213.900(7), FAC. {Permitting Note: This condition implements the requirements of Rules 62-213.440(3)(a)2. & 3., FAC (see Condition 51. of Appendix TV-6, Title V Conditions)}
[Rules 62-213.440(3) and 62-213.900, FAC, and Rule 2.501, JEPB]

18. When appropriate, any recording, monitoring or reporting requirements that are time-specific shall be in accordance with the effective date of the permit, which defines day one.
[Rule 62-213.440, FAC and Rule 2.501, JEPB]

19. Any reports, data, notifications, 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 & EPCRA Enforcement Branch, Air Enforcement Section
61 Forsyth Street
Atlanta, GA 30303-8960
Telephone: (404) 562-9155
Fax: (404) 562-9163

20. The permittee shall submit reports of any required monitoring at least every six (6) months. All instances of deviations from permit requirements must be clearly identified in such reports. The permittee shall report in accordance with the requirements of Rule 62-210.700(6), FAC, Rule 62-4.130, FAC, Rule 2.301, JEPB, and Rule 2.1401, JEPB, deviations from permit requirements, including those attributable to upset conditions as defined in the permit. Reports shall include the probable cause of such deviations, and any corrective actions or preventive measures taken. All reports shall be accompanied by a certification by a responsible official, pursuant to Rule 62-213.420(4), FAC and Rule 2.501, JEPB. Unless otherwise specified in **a permit, rule, or order;** reports shall cover the period of January through June (report due on or before September 1) and July through December (report due on or before March 1).
[Rule 62-213.440(1)(b)3., FAC and Rule 2.501, JEPB]

21. All activities shall be performed as scheduled and recorded in accordance with all Operation and Maintenance Plans. Data shall be made available to the Permitting Authority upon request. Records shall be maintained on file for a minimum period of five (5) years.
[Rule 62-4.070(3), FAC, and Rule 2.1401, JEPB]

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

Neighborhoods Department
Environmental Quality Division
Ed Ball Building, 214 North Hogan Street, Suite 500
Jacksonville, FL 32202
Telephone: (904) 255-7100
Fax: (904) 588-0518

The following Facility-wide conditions are not federally enforceable

23. 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]

24. 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].

25. The facility shall be subject to JEPB Rule 2, Parts I through VII, and Parts IX through XIV.

Section III. Emission Units and Conditions

Emission Unit No. 001 - Petroleum/Ethanol Storage Tank [RACT]

Emission Unit Description: Petroleum storage tank No. 7707 (1,470,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: External floating roof with primary and secondary seals

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year (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. (**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]

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 Tanks with External Floating Roofs** [Rule 62-296.516, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Test Methods and Procedures

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)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

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),]

Emission Unit No. 002 - Petroleum/Ethanol Storage Tank [RACT]

Emission Unit Description: Petroleum storage tank No. 7708 (2,310,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: External floating roof with primary and secondary seals

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. (**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]

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 Tanks with External Floating Roofs** [Rule 62-296.516, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Test Methods and Procedures

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)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

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)]

Emission Unit No. 003 - Petroleum/Ethanol Storage Tank [NSPS]

Emission Unit Description: Petroleum storage tank No. 7711 (4,032,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: External floating roof with primary and secondary seals

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 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. (**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]

3. 40 CFR 60, Subpart K, Standards of Performance for Storage Vessels for Petroleum Liquids for Which Construction Reconstruction, or Modification Commenced after June 11, 1973, and prior to May 19, 1978, and Subpart A, General Provisions reporting requirements, notification requirements, and standards of performance, shall apply to the emission unit described herein.
[40 CFR 60, FAC, Subpart K, Rule 62-204.800(7), FAC, and Rule 2.201, JEPB]

4. This storage tank with an external floating roof shall be subject to control technologies found in 40 CFR 60.112(a)(1), Rule 62-204.800, FAC, and Rule 2.201, JEPB. When distillate and other lower vapor petroleum products are stored this tank shall be subject to Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB.

5. 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)]

6. 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)]

Testing and Monitoring

7. The owner or operator of these storage vessels shall comply with the applicable testing (inspection) and monitoring requirements specified in 40 CFR 63.11092(e).
[40 CFR 63.11087(c)]

Record-keeping and Reporting Requirements

8. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

9. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.
[40 CFR 63.11087(e)]

10. The permittee shall maintain a record of the petroleum liquid stored, the period of storage, and the maximum true vapor pressure of that liquid during the respective storage period. Storage, vapor pressure, and testing (inspection results) records shall be maintained for a period of five (5) years and shall be made available to the Permitting Authority upon request.
[40 CFR 60.113, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

Emission Unit No. 004 – Fixed Roof Petroleum Storage Tank

Emissions Unit Description: Fixed roof storage tank No. 7710 (4,032,000 Gallons) for the storage of distillate fuels such as kerosene, No. 2 fuel oil or other lower vapor pressure petroleum products.

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. 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), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 005 - Six Bay Tank Truck Loading Rack

Emissions Unit Description: Loading gasoline, gasoline products, ethanol, and other lower vapor pressure fuel products.

Control Device(s) Description: John Zink Company Vapor Combustor, Model Number ZCT-5-9-50. One Adsorption/Absorption Vapor Recovery Unit, Model MR-704 HS is used as a back-up.

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. (**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]

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.

4. The maximum gasoline and gasoline products throughput rate shall be limited to 158,000 gallons per hour and 600.00 x 10^6 gallons per year. The maximum distillate oil throughput rate shall be limited to 180,000 gallons per hour and 374.00 x 10^6 gallons per year. The maximum ethanol throughput rate shall be limited to 180,000 gallons per hour and 60.00 x 10^6 gallons per year. The maximum gasoline, gasoline products, and ethanol throughput rate combined shall be limited to 600.00 x 10^6 gallons per year.
[Rule 62-210.200(PTE), FAC, Rule 2.301, JEPB, and 0310180-017-AC]

5. Total organic compounds (TOC) from gasoline, gasoline products, and ethanol loading shall be limited to 10 milligrams per liter of gasoline loaded and to 25.04 tons per year.
[Rule 40 CFR 60.502(b), Rule 62-204.800(8), FAC, and Rule 2.201, JEPB, and 0310180-009-AC]

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)]

Testing and Monitoring

7. 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)]

8. 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. Gasoline, aviation gasoline, gasoline/ethanol blends, and ethanol shall not be loaded into tank trucks unless the vapors are vented to the Vapor Combustor Unit (VCU) or the operating Vapor Recovery Unit (VRU). Distillate products may be loaded into tank trucks, which did not on the previous load carry gasoline, aviation gasoline, gasoline/ethanol blends and/or ethanol, without being vented to the VCU or VRU.
[40 CFR 60.502(g), Rule 62-204.800(7), FAC, and Rule 2.201, JEPB]

Test Methods and Procedures

9. Testing for demonstration of compliance shall be performed in accordance with EPA Reference Method 2A, and 25A/25B (as described in 40 CFR 60, Appendix A) for TOC emissions. Compliance testing of the flare shall be performed annually from the date of December 1, 2011. Testing may be performed up to 60 (sixty) days prior to the testing due date. Testing of the backup vapor recovery unit(s) shall be performed upon request of the Permitting Authority.
[40 CFR 60.503, rule 62-204.800, FAC, and Rule 2.201, JEPB]

10. Specific testing requirements for vapor collection systems and tank trucks for compliance with 40 CFR 60, Subpart XX 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 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

Note: Item A and B above shall be performed during the compliance testing required in Specific Condition 9., item D shall be performed monthly.

Record-keeping and Reporting Requirements

11. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11088(e)]

12. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.
[40 CFR 63.11088(f)]

13. Records of gasoline tank truck loadings shall be maintained in accordance with procedures found in 40 CFR 60.502(e).
[40 CFR 60.505, Rule 62-204.800(7), 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)
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)
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(7), FAC, and Rule 2.201, JEPB]

Compliance Assurance Monitoring

15. 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., FAC, and Rules 2.201 and 2.501, JEPB]

Emission Unit No. 007 - Fixed Roof Storage Tanks

Emissions Unit Description: Fixed roof Storage Tank Nos. 7712 (18,270 gallons), 7714 (5,754 Gallons), 7715 (11,172 Gallons), 7716 (4,578 Gallons), 7717 (4,620 Gallons), 7718 (294 Gallons), 7719 (9,492 Gallons) and 7720 (550 Gallons) for the storage of fuel additives or other lower vapor pressure petroleum products.

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. 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), FAC, and Rule 2.1101, JEPB]

Emission Unit No. 009 - Fugitive VOC and Fugitive HAP Emissions

Emission Unit Description: Facility wide miscellaneous fugitive emissions from the pumps, valves & fittings, flanges, truck loading racks, and roof landings.
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.

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 hrs/yr.
[Rule 62-210.300(2)(a), 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. (**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]

Test Methods and Procedures

3. The owner or operator of this facility shall comply with the applicable leak inspections requirements specified in 40 CFR 63.11089.
[40 CFR 63.11089]

Record-keeping and Reporting Requirements

4. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

5. Records shall be maintained and reports submitted as specified in 40 CFR 63.11094 and 40 CFR 63.11095.
[40 CFR 63.11087(e)]

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]

Emission Unit No. 011 - Petroleum/Ethanol Storage Tank [RACT]

Emission Unit Description: Petroleum storage tank No. 7709 (6,300,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: Internal floating roof

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 hrs/yr.
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB]

Emission Limitations, Standards and Operating Requirements

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]

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, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Testing and Monitoring

6. The owner or operator of these storage vessels shall comply with the applicable leak inspections testing and monitoring requirements specified in 40 CFR 63.11092(e).
[40 CFR 63.11087(c)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

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)]

Emission Unit No. 012 - Marine Loading Operation

Emissions Unit Description: Loading of marine vessels with petroleum products.

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. Loading of marine vessels shall be limited to 4.2 x 10^6 gallons per year (12 month rolling total) of gasoline and gasoline products; and 21.0 x 10^6 gallons per year (12 month rolling total) of distillate oil. Loading of marine vessels shall be conducted using submerged loading techniques only. [Equivalent allowable VOC emissions of 7.49 TPY]
[Rule 62-210.200(PTE), FAC, and Rule 2.301, JEPB, and 0310180-005-AC]

Record-keeping and Reporting Requirements

3. Marine vessel loading records of the quantity of gasoline and gasoline products and the quantity of distillate oil loaded shall be maintained on a monthly basis in a log. The permittee shall notify the Permitting Authority as soon as possible but no later than 30 days from the end of the month in which the 12 month rolling total of gasoline and gasoline products, and/or distillate oil loaded exceeds the limitation(s) stated in Section III, EU 012, Specific Condition No. 2. of this permit.
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

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), FAC, and Rule 2.1401, JEPB]

Emission Unit No. 013 - Petroleum/Ethanol Storage Tank No. 7702 [RACT]

Emission Unit Description: Petroleum storage tank No. 7702 (6,300,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: Internal floating roof with mechanical shoe seal

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 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. (**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]

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, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Testing and Monitoring

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)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

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)]

Emission Unit No. 015 - Petroleum/Ethanol Storage Tank No. 7706 [RACT]

Emission Unit Description: Petroleum storage tank No. 7706 (1,470,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.

Control Device Description: Internal floating roof with mechanical shoe seal

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 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. (**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]

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, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Testing and Monitoring

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)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093. [40 CFR 63.11087(d)]

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)]

Emission Unit No. 016 - Petroleum/Ethanol Storage Tank No. 7705 [RACT]

Emission Unit Description:	Petroleum storage tank No. 7705 (1,470,000 Gallons) for the storage of gasoline, gasoline products, other lower vapor pressure petroleum products; and ethanol or other lower vapor pressure fuel products.
Control Device Description:	Internal floating roof with mechanical shoe seal

Essential Potential to Emit (PTE) Parameters

1. This EU shall be allowed to operate continuously, i.e., 8760 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. (**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]

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, FAC, and Rule 2.1101, JEPB] shall apply to this emission unit.

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)]

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)]

Testing and Monitoring

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)]

Record-keeping and Reporting Requirements

7. Applicable notifications shall be submitted as required by 40 CFR 63.11093.
[40 CFR 63.11087(d)]

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)]

Emissions Unit No. 017 – Emergency Diesel Engine

Emissions Unit Description: Emergency Diesel Engine fired with No. 2 fuel oil.
Used to run facility lights, pumps and control equipment in emergency situations

Description of Engine	Year Built	Cylinders/ Horsepower	Rule Applicability
Onan 500 DFEK Emergency Generator	2005	6 Cylinders/755	40 CFR Part 63, Subpart ZZZZ

{**Permitting Note:** The engine listed above is an existing, emergency stationary combustion ignition reciprocating internal combustion engine (RICE) constructed prior to June 12, 2006 with a site rating of more than 500 brake horsepower (HP) and with an engine displacement of less than 10 liters per cylinder.}

1. This engine is subject to 40 CFR 63, Subpart ZZZZ - National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines and 40 CFR 60, Subpart A, General Provisions shall apply to the engines of this emissions unit.
   [40 CFR 63.6585(c), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

2. The permittee shall comply with the following operating limitations no later than May 3, 2013.
   [40 CFR 63.6595(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Emission Limitations and Operating Requirements

3. The owner or operator shall comply with the following requirements as outlined in 40 CFR 63, Subpart ZZZ, Table 2d.

   a. Change oil and filter every 500 hours of operation or annually, whichever comes first, or use an oil analysis program to extend this interval, as provided in Specific Condition No. 6 below.
   b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first.
   c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

   [40 CFR 63.6603(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

4. The owner or operator has the option of using oil analysis to extend the oil change requirement. The oil analysis shall be performed at the same frequency specified for changing the oil in Specific Condition No. 3 for this emissions unit. The analysis program shall at a minimum analyze the following three parameters: Total Base Number, viscosity, and percent water content. The condemning limits for these parameters are as follows: Total Base Number is less than 30 percent of the Total Base Number of the oil when new; viscosity of the oil has changed by more than 20 percent from the viscosity of the oil when new; or percent water content (by volume) is greater than 0.5. If all of these condemning limits are not exceeded, the engine owner or operator is not required to change the oil. If any of the limits are exceeded, the engine owner or operator must change the oil within 2 days of receiving the results of the analysis; if the engine is not in operation when the results of the analysis are received, the engine owner or operator must change the oil within 2 days or before commencing operation, whichever is later. The owner or operator must keep records of the parameters that are analyzed as part of the program, the results of the analysis, and the oil changes for the engine. The analysis program must be part of the maintenance plan for the engine.
   [40 CFR 63.6625(i), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

5. The owner or operator shall minimize the engine's time spent at idle during startup and minimize the engine's startup time to a period needed for appropriate and safe loading of the engine, not to exceed 30 minutes.
[40 CFR 63.6625(h), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

6. The owner or operator shall operate and maintain the stationary RICE and after-treatment control device (if any) according to the manufacturer's emission-related written instructions or develop your own maintenance plan which shall provide, to the extent practicable for the maintenance and operation of the engine in a manner consistent with good air pollution control practice for minimizing emissions
[40 CFR 63.6625(e)(3), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Monitoring Requirements

7. The owner or operator shall install a non-resettable hour meter if one is not already installed.
[40 CFR 63.6625(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Compliance Requirements

8. Compliance with the numerical emission limitations established in this subpart is based on the results of testing the average of three 1 hour runs using the testing requirements and procedures in 40CFR 63.6620 and Table 4 of this subpart.

9. Each unit shall be in compliance with the operating standards in this section at all times.
[40 CFR 63.6605(a), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

10. At all times the owner or operator must operate and maintain the RICE constructed, 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 compliance 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 63.6605(b), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

11. The owner or operator shall operate and maintain the emergency stationary reciprocating internal combustion engine constructed according to the following:

    (a) There is no time limit on the use of emergency stationary reciprocating internal combustion engine constructed in emergency situations.
    (b) You may operate your emergency stationary reciprocating internal combustion engine constructed for the purpose of maintenance checks and readiness testing, provided that the tests are recommended by Federal, State or local government, the manufacturer, the vendor, or the insurance company associated with the engine. Maintenance checks and readiness testing of such units is limited to 100 hrs/yr.
    (c) You may operate your emergency stationary reciprocating internal combustion engine constructed up to 50 hours per year in non-emergency situations, but those 50 hours are counted towards the 100 hrs/yr.
    (d) The 50 hours per year for non-emergency situations may not be used for peak shaving or to generate income for a facility to supply power to an electric grid or otherwise supply non-emergency power as part of a financial arrangement with another entity.

    [40 CFR 63.6640(f)(1), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

Recordkeeping and Reporting Requirements

12. The owner or operator shall keep records of the maintenance conducted on the stationary reciprocating internal combustion engine constructed in order to demonstrate that the stationary reciprocating internal combustion engine constructed and after-treatment control device (if any) was operated and maintained according to their own maintenance plan.
[40 CFR 63.6655(e), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

13. The owner or operator shall keep records of the hours of operation of the engine that is recorded through the non-resettable hour meter. The owner or operator shall document how many hours are spent for emergency operation, including what classified the operation as emergency and how many hours are spent for non-emergency operation. If the engines are used for demand response operation, the owner or operator shall keep records of the notification of the emergency situation, and the time the engine was operated as part of demand response.
[40 CFR 63.6655(f), Rule 62-204.800(11), FAC and Rule 2.201, JEPB]

14. The records in Specific Condition Nos. 12 and 13 for this emissions unit shall be kept and maintained for a minimum period of five (5) years. Records shall be provided to the Permitting Authority upon request.
[40 CFR 63.6660, Rule 62-204.800(11), FAC and Rule 2.201, JEPB]