

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

**Initial Title V Air Operation Permit**

**Proposed Permit Project No.: 0310180-012-AV**

PERMITTING & COMPLIANCE AUTHORITY:  
ENVIRONMENTAL AND COMPLIANCE DEPARTMENT  
ENVIRONMENTAL QUALITY DIVISION  
117 WEST DUVAL STREET, SUITE 225  
JACKSONVILLE, FL 32202  
TELEPHONE: (904) 630-4900  
FAX: (904) 630-3638

# Initial Title V Air Operation Permit

Proposed Permit No.: 0310180-012-AV

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<b><u>EU No.</u></b>	<b><u>EU Description</u></b>	<b><u>Control Device</u></b>
001	Petroleum Storage Tank No. 7707[RACT]	External Floating Roof
002	Petroleum Storage Tank No. 7708[RACT]	External Floating Roof
003	Petroleum Storage Tank No. 7711[NSPS]	External Floating Roof
004	Fixed Roof Petroleum Storage Tank Nos. 7705, 7706, and 7710	None
005	Six Bay Tank Truck Loading System[NSPS]	John Zink Company Flare, Two McGill Adsorption/Absorption Vapor Recovery Units, Model MR-404 DT and Model MR- 704 HS are used as back-up
007	Petroleum (Additive) Storage Tank Nos. 7712, 7714, 7715, 7716, 7717, and 7719	None
009	Miscellaneous Fugitive Emissions including Tank Water Bottoms, fugitive emissions during gasoline tank truck loading, and fugitive emissions from piping, pumps, and valves	None
011	Petroleum Storage Tank No. 7709[RACT]	Internal Floating Roof
012	Marine Loading Operation	None
013	Petroleum Storage Tank No. 7702 [RACT]	Internal Floating Roof

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ENVIRONMENTAL AND COMPLIANCE DEPARTMENT



**Permittee:**

Hess Corporation  
1 Hess Plaza  
Woodbridge, NJ 07095

**PROPOSED Permit No.:** 0310180-012-AV

**Facility ID No.:** 0310180

**SIC Nos.:** 42

**Project:** Initial Title V Air Operation Permit

This permit is the Initial Title V Air Operation Permit, No. 0310180-012-AV. This existing facility is located at 2617 Heckscher Drive, Jacksonville, Duval County, FL; UTM Coordinates: Zone 17, 442.770 km East and 3364.620 km North; Latitude: 30° 24' 54" North and Longitude: 81° 35' 48" West.

This Title V Air Operation Permit is issued under the provisions of Chapter 403, Florida Statutes (FS), and Florida Administrative Code (FAC) Chapters 62-4, 62-210 and 62-213. 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:**

Appendix CAM  
Appendix I-1, List of Insignificant Emissions Units and/or Activities  
Appendix TV-6, TITLE V CONDITIONS  
Appendix SS-1, STACK SAMPLING FACILITIES

**Effective Date:**

**Renewal Application Due Date:**

**Expiration Date:**

**Environmental and Compliance Department  
Environmental Quality Division**

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**Ebenezer S. Gujjarlapudi, P.E.  
Director**

ESG/JW

## Section I. Facility Information

### Subsection A. Facility/Project Description

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. Volatile Organic Compounds (VOC) from gasoline loading operations are controlled through a primary vapor combustion unit (John Zink Company Vapor Combustor, Model Number ZCT-3-9-50-X-2/8-2/8-X. Either of two McGill carbon adsorption/absorption vapor recovery units shall be used as back-up vapor control units.

Based upon the Title V permit application received on July 25, 2006 this facility is not a major 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

<u>EU No.</u>	<u>EU Description</u>	<u>Control Device</u>
001	Petroleum Storage Tank No. 7707[RACT]	External Floating Roof
002	Petroleum Storage Tank No. 7708[RACT]	External Floating Roof
003	Petroleum Storage Tank No. 7711[NSPS]	External Floating Roof
004	Fixed Roof Petroleum Storage Tank Nos. 7705, 7706, and 7710	None
005	Six Bay Tank Truck Loading System[NSPS]	John Zink Company Flare, Two McGill Adsorption/Absorption Vapor Recovery Units, Model MR-404 DT and Model MR-704 HS are used as back-up
007	Petroleum (Additive) Storage Tank Nos. 7712, 7714, 7715, 7716, 7717, and 7719	None
009	Miscellaneous Fugitive Emissions including Tank Water Bottoms, fugitive emissions during gasoline tank truck loading, and fugitive emissions from piping, pumps, and valves	None
011	Petroleum Storage Tank No. 7709[RACT]	Internal Floating Roof
012	Marine Loading Operation	None
013	Petroleum Storage Tank No. 7702 [RACT]	Internal Floating Roof

**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:

Table 1-1: Summary of Air Pollutant Standards and Terms

Table 2-1: Summary of Compliance Requirements

Appendix A-1, Abbreviations, Acronyms, Citations, and Identification Numbers

Appendix H-1, Permit History

Appendix LR-1, Local Rule Index

Statement of Basis

These documents are on file with the permitting authority:

Initial Title V Air Operation Permit application and Compliance Assurance Monitoring Plan Submittal received July 25, 2006

## 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. Prevention of Accidental Releases (Section 112(r) of CAA).

- 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 1515  
Lanham-Seabrook, MD 20703-1515  
Telephone: (301) 429-5018

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]

3. 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, and Rule 62-4.040(1)(b), FAC; Rule 2.501, JEPB, and Rule 2.1301, JEPB]

4. 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 any process or installation, volatile organic compounds (VOC) or organic solvents (OS) without applying known and existing vapor emission control devices or systems deemed necessary and ordered by the Department.

[Rule 62-296.320(1)(a), and Rule 2.1001, JEPB]

5. 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). EPA Reference Method 9, shall be the compliance method. Testing shall be required, upon request from the Department.

[Rule 62-296.320(4)(b)1., FAC, Chapter 62-297, FAC, Rule 2.1001, JEPB, and Rule 2.1101, JEPB]

6. Permittee shall notify the Department fifteen (15) days prior to Emission Unit (EU) testing.

[Rule 62-297.310(7)(a)(9), FAC, and Rule 2.1101, JEPB]

7. Copies of the test report(s) shall be submitted to the Department within forty-five (45) days of completion of testing.

[Rule 62-297.310(8)(b), FAC, and Rule 2.1101, JEPB]

8. 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 the EUs may be tested at less than capacity; in this case subsequent EU operation is limited to 110 percent of the test load until a new test is conducted. Once the EU is so limited, then operation at higher capacities is allowed for no more than 15 consecutive days for the purposes of additional compliance testing to regain the permitted capacity in the permit.

[Rule 62-297.310(2), FAC, and Rule 2.1101, JEPB]

9. Control equipment shall be provided with a method of access that is safe and readily accessible.

[Rule 62-4, FAC, and Rule 2.1301, JEPB]

10. 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]

11. The **Annual Statement of Compliance** required by 40 CFR 70.6, Rule 62-213.440(3), FAC and Rule 2.501, JEPB shall be due on or before March 1 each year covering the period for the previous calendar year. {See Condition No. 51, Appendix TV-6, Title V Conditions}

[40 CFR 70.6, Rule 62-213.440, FAC and Rule 2.501, JEPB]

12. Excess emissions resulting from startup, shutdown, or malfunction of any emission unit shall be permitted providing (1) best operational practices to minimize emissions are adhered to and (2) the duration of excess emissions shall be minimized but in no case exceed two hours in any 24 hour period unless specifically authorized by the Department for longer duration. Excess emissions which are caused entirely or in part by poor maintenance, poor operation, or any other equipment or process failure which may reasonably be prevented during startup, shutdown, or malfunction shall be prohibited. In the case of excess emissions resulting from malfunctions, each owner or operator shall notify the Permitting Authority in accordance with Rule 62-4.130, FAC and Rule 2.1301, JEPB. A full written report on the malfunctions shall be submitted to the Permitting Authority in a quarterly report, if requested by the Permitting Authority.

[Rule 62-210.700, FAC, and Rule 2.201, JEPB]

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

Environmental and Compliance Department

Environmental Quality Division  
117 West Duval Street, Suite 225  
Jacksonville, FL 32202  
Telephone: 904/630-4900  
Fax: 904/630-3638

14. 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

15. Certification by Responsible Official (RO). In addition to the professional engineering certification required for applications by Rule 62-4.050(3), FAC and Rule 2.1301, JEPB, any application form, report, compliance statement, compliance plan and compliance schedule submitted pursuant to Chapter 62-213, FAC, 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]

16. 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 2.201, JEPB, and Rule 2.1301, 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]

**The following Facility-wide conditions are not federally enforceable**

17. 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 2.1001, JEPB]

18. The facility shall be subject to City of Jacksonville Ordinance Code, Title X, Chapter 360 [Environmental Regulation], Chapter 362 [Air and Water Pollution], Chapter 376 [Odor Control], and Jacksonville Environmental Protection Board (JEPB), Rule 1 [Final Rules with Respect to Organization, Procedure, and Practice].

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

### **Section III. Emission Units and Conditions**

#### **Emission Unit No. 001 - External Floating Roof Storage Tank - RACT**

Emission Unit Description: Petroleum storage tank no. 7707 for the storage of gasoline or other lower vapor pressure petroleum products.

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

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 2.1001, JEPB]; and **Petroleum Liquid Storage Tanks with External Floating Roofs** [Rule 62-296.516, FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

#### **Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

#### **Emission Limitations and Standards**

2. This gasoline storage tank with an external floating roof shall be subject to control technologies, operation requirements, and test methods in Rule 62-296.516, FAC, and Rule 2.1001, 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.

#### **Test Methods and Procedures**

3. Compliance with the standards in Rule 62-296.516, FAC and Rule 2.1001, JEPB shall be demonstrated in accordance with the procedures described on Page 5-3 of EPA document 450/2-78-047. Compliance demonstration testing shall be performed annually. Testing requirements do not apply to this storage tank when distillate or other lower vapor pressure petroleum products are stored.  
[Rule 62-296.516(3)(a), FAC, Rule 62-297, FAC; Rule 2.1001, JEPB, and Rule 2.1101, JEPB]

#### **Record-keeping and Reporting Requirements**

4. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Department upon request.  
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

#### **Emission Unit No. 002 - External Floating Roof Storage Tank - RACT**

Emission Unit Description: Petroleum storage tank no. 7708 for the storage of gasoline or other lower vapor pressure petroleum products.

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

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 2.1001, JEPB]; and



**Petroleum Liquid Storage Tanks with External Floating Roofs** [Rule 62-296.516, FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

**Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Emission Limitations and Standards**

2. This gasoline storage tank with an external floating roof shall be subject to control technologies, operation requirements, and test methods in Rule 62-296.516, FAC, and Rule 2.1001, 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.

**Test Methods and Procedures**

3. Compliance with the standards in Rule 62-296.516, FAC and Rule 2.1001, JEPB shall be demonstrated in accordance with the procedures described on Page 5-3 of EPA document 450/2-78-047. Compliance demonstration testing shall be performed annually. Testing requirements do not apply to this storage tank when distillate or other lower vapor pressure petroleum products are stored.  
[Rule 62-296.516(3)(a), FAC, Rule 62-297, FAC; Rule 2.1001, JEPB, and Rule 2.1101, JEPB]

**Record-keeping and Reporting Requirements**

4. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Department upon request.  
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

**Emission Unit No. 003 - External Floating Roof Storage Tank - NSPS**

Emission Unit Description: Petroleum storage tank no. 7711 for the storage of gasoline or other lower vapor pressure petroleum products.

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

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

**Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Emission Limitations and Standards**

2. This gasoline 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.

**Test Methods and Procedures**

3. Testing shall be conducted in accordance with the procedures described on Page 5-3 of EPA document 450/2-78-047. Testing shall be performed annually. Testing requirements do not apply to this storage tank when distillate or other lower vapor pressure petroleum products are stored.  
[Applicant's Request, Rule 62-297, FAC; and Rule 2.1101, JEPB]

**Record-keeping and Reporting Requirements**

4. 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 Department upon request.  
[40 CFR 60.113, Rule 62-204.800, FAC, and Rule 2.201, JEPB]

**Emission Unit No. 004 - Fixed Roof Storage Tanks**

Emissions Unit Description - Fixed roof storage tank nos. 7705, 7706, and 7710, storing 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 hours per year.  
[Rule 62-210.300(2)(a), 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 Department.  
[Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB.]

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

Emissions Unit Description - Loading gasoline and other petroleum products into tanker trucks.

Control Device(s) - John Zink Company Vapor Combustor, Model Number ZCT-3-9-50-X-2/8-2/8-X; Two McGill Adsorption/Absorption Vapor Recovery Units, Model MR-404 DT and Model MR-704 HS are used as back-up

**Essential Potential to Emit (PTE) Parameters**

1. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Emission Limitations and Standards**

2. The maximum gasoline throughput rate shall be limited to 108,000 gallons per hour and  $600.00 \times 10^6$  gallons per year. The maximum distillate oil throughput rate shall be limited to 108,000 gallons per hour and  $374.00 \times 10^6$  gallons per year.

[Rule 62-210.200, FAC, Rule 2.301, JEPB, and Applicant's request]

3. Total organic compounds (TOC) from gasoline 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(7), FAC, and Rule 2.201, JEPB, and Applicant's request]
4. 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.

### **Test Methods and Procedures**

5. 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, 2005. 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 Department.  
[40 CFR 60.503, rule 62-204.800, FAC, and Rule 2.201, JEPB]
6. Specific testing requirements for vapor collection systems and tank trucks shall be as follows:

<b><u>Specific Testing Required</u></b>	<b><u>Applicable Rule</u></b>	<b><u>Test Method</u></b>
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* *To be performed by tank truck owner/operator	40 CFR 60.502(e) and 40 CFR 60.505	EPA RM 27
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 5., item D shall be performed monthly.

### **Monitoring of Operations**

7. The terminal owner/operator must ensure that each gasoline tank truck's vapor collection system is connected to the terminal vapor collection system during loading of gasoline tank trucks. Gasoline shall not be loaded into tank trucks unless the vapors are vented to the VCU or one or both of the operating VRUs. Distillate products may be loaded into tank trucks (non gasoline service) without being vented to the VCU or VRUs.

[40 CFR 60.502(g), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

### **Record-keeping and Reporting Requirements**

8. The owner/operator shall ensure that loading of liquid products into gasoline tank trucks is limited to vapor tight gasoline tank trucks using the procedures found in 40 CFR 60.502(e). All records, cross-checks, and notifications shall be conducted in accordance with the procedures outlined in 40 CFR 60.502(e).
9. Records of control device operation including but not limited to replacements and additions of components shall be maintained for a minimum of five (5) years and made available to the Department upon request.  
[40 CFR 60.505(f), Rule 62-204.800, FAC, Rule 62-213.440, FAC, Rule 2.201, JEPB, and Rule 2.501, JEPB]
10. Reporting and record-keeping shall be as follows:

<b><u>Record</u></b>	<b><u>Applicable Rule</u></b>
A. Tank truck vapor tightness tests shall be kept on file at the terminal in permanent form	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)

### **Compliance Assurance Monitoring**

11. 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 2.1101, 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 tanks storing fuel additives or other lower vapor pressure petroleum products. Tank Nos. 7712, 7714, 7715, 7716, 7717, and 7719.

### **Essential Potential to Emit (PTE) Parameters**

1. This emissions unit is allowed to operate continuously, i.e., 8,760 hours per year.  
[Rule 62-210.300(2)(a), 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 Department.  
[Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB]

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

Emission Unit Description: Miscellaneous fugitive emissions including tank water bottoms, fugitive emissions during gasoline and distillate truck loading, and fugitive emissions from piping, pumps, and valves

**Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Record-keeping and Reporting Requirements**

2. Annual records of fugitive VOC and fugitive HAP emissions shall be calculated and submitted with the Annual Operating Report. Records and calculations shall be maintained for a period of five (5) years and shall be provided to the Department upon request.  
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

**Emission Unit No. 011 - Internal Floating Roof Tank - RACT**

Emission Unit Description: Petroleum storage tank no. 7709 for the storage of gasoline or other lower vapor pressure petroleum products.

Control Device Description: Internal floating roof

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 2.1001, JEPB]; and **Petroleum Liquid Storage** [Rule 62-296.508, FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

**Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Emission Limitations and Standards**

2. This fixed roof gasoline storage tank with an internal floating roof shall be subject to control technologies, operation requirements, and test methods found in Rule 62-296.508, FAC; Rule 2.201, JEPB, and Rule 2.1001, JEPB. When distillate and other lower vapor petroleum products are stored in this storage tank it shall be subject to Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB.

**Test Methods and Procedures**

3. Compliance with the standards in Rule 62-296.508, FAC and Rule 2.1001, JEPB shall be demonstrated in accordance with the procedures described on Page 6-2 of EPA document 450/2-77-036. Compliance demonstration testing shall be performed annually. Internal Floating Roof and Roof Seals compliance demonstration testing shall be conducted by visual inspection of the floating cover through the roof hatches. The cover should be uniformly floating on or above the liquid, there should be no visible defects in the surface of the cover or liquid accumulated on the cover. The seal must be intact and uniformly in place around the

circumference of the cover between the cover and the tank wall. Testing requirements do not apply to this storage tank when distillate or other lower vapor pressure petroleum products are stored.

[Rule 62-296.508(3)(a), FAC, Chapter 62-297, FAC; Rule 2.1001, JEPB, and Rule 2.1101, JEPB]

**Record-keeping and Reporting Requirements**

4. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Department upon request.

[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

**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 hours per year.

[Rule 62-210.300(2)(a), FAC, and Rule 2.301, JEPB]

**Record-keeping and Reporting Requirements**

2. Loading of marine vessels shall be limited to  $4.2 \times 10^6$  gallons per year (12 month rolling total) of gasoline and  $21.0 \times 10^6$  gallons per year (12 month rolling total) of distillate oil. Loading of marine vessels shall be conducted using submerged loading techniques only.

[Rule 62-210.200, FAC, and Rule 2.301, JEPB, and Applicant's request]

3. Marine vessel loading records of the quantity of gasoline and the quantity of distillate oil loaded shall be maintained on a monthly basis in a log. The permittee shall notify the Department 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/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. Records shall be maintained for a minimum of five (5) years and made available to the Department upon request.

[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

5. An annual report of the 12 month rolling totals of gasoline and distillate oil loaded into marine vessels shall be submitted to the Department. This report shall be submitted with the Annual Operating Report each year.

[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

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

Emission Unit Description: Petroleum storage tank no. 7702 for the storage of gasoline or other lower vapor pressure petroleum products.

Control Device Description: Internal floating roof with mechanical shoe seal

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 2.1001, JEPB]; and **Petroleum Liquid Storage** [Rule 62-296.508, FAC, and Rule 2.1001, JEPB] shall apply to this emission unit.

**Essential Potential to Emit (PTE) Parameters**

1. This EU shall be allowed to operate continuously, i.e., 8760 hours per year.  
[Rule 62-210.200, FAC, and Rule 2.301, JEPB]

#### **Emission Limitations and Standards**

2. This fixed roof gasoline storage tank with an internal floating roof shall be subject to control technologies and operation requirements as specified in Rule 62-296.508, FAC, and Rule 2.1001, JEPB. When distillate and other lower vapor petroleum products are stored in this storage tank it shall be subject to Rule 62-296.320(1)(a), FAC, and Rule 2.1001, JEPB.

#### **Test Methods and Procedures**

3. Compliance with the standards in Rule 62-296.508, FAC and Rule 2.1001, JEPB shall be demonstrated in accordance with the procedures described on Page 6-2 of EPA document 450/2-77-036. Compliance demonstration testing shall be performed annually. Internal Floating Roof and Roof Seals compliance demonstration testing shall be conducted by visual inspection of the floating cover through the roof hatches. The cover should be uniformly floating on or above the liquid, there should be no visible defects in the surface of the cover or liquid accumulated on the cover. The seal must be intact and uniformly in place around the circumference of the cover between the cover and the tank wall. Testing requirements do not apply to this storage tank when distillate or other lower vapor pressure petroleum products are stored.  
[Rule 62-296.508(3)(a), FAC, Chapter 62-297, FAC; Rule 2.1001, JEPB, and Rule 2.1101, JEPB]

#### **Record-keeping and Reporting Requirements**

4. Testing (inspection results) shall be maintained for a period of five (5) years and shall be made available to the Department upon request.  
[Rule 62-4.070, FAC, and Rule 2.1301, JEPB]

### **Section IV. Special Conditions for the Hess Corporation Bulk Gasoline Terminal**

1. The Hess Corporation, Jacksonville Terminal, shall be subject to the following provisions of 40 CFR 63, Subpart R, National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations): 40 CFR 63.420(a), 40 CFR 63.420(c), and 40 CFR 63.428(i).
2. The permittee shall operate the facility such that none of the facility parameters used to calculate results under paragraph (a)(1) of 40 CFR 63.420 is exceeded in any rolling 30 day period. These parameters are the parameters used in the letters dated March 13, 2001 and January 20, 2006, from Koogler and Associates concerning the Hess Corporation, Jacksonville Terminal.
3. The permittee shall perform the requirements of 40 CFR 63.428(i) [all of which shall be available for public inspection] as follows:
  - (1) Document and report to the Department the methods, procedures and assumptions supporting the calculations for determining criteria in 40 CFR 63.420(c). Note: Fulfilled by above referenced letters received March 14, 2001 and January 20, 2006.
  - (2) Maintain records to document that the facility parameters established under 40 CFR 63.420(c) have not been exceeded.
  - (3) Report annually (include with the Annual Operating Report) to the Department that the facility parameters established under 40 CFR 63.420(c) have not been exceeded.

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

[40 CFR 63. 420(a), 40 CFR 63. 420(c), and 40 CFR 63.428(i), Rule 62-204.800, FAC, and Rule 2.201, JEPB]

**FILING AND ACKNOWLEDGEMENT**

**FILED**, on this date, pursuant to S.120.52(7), Florida Statutes, with the designated Department Clerk, receipt of which is hereby acknowledged.

\_\_\_\_\_  
Clerk

\_\_\_\_\_  
Date

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