STATEMENT OF BASIS

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

APPLICANT

The applicant for this project is Hess Corporation. Hess Corporation, Jacksonville Terminal is located Jacksonville, Duval County, Florida 32226. The applicant's responsible official and mailing address are: Mr. Peter Haid, Environmental Manager, Hess Corporation, 1 Hess Plaza, Woodbridge, New Jersey 07095.

FACILITY DESCRIPTION

Hess Corporation, Jacksonville Terminal is a bulk fuel facility located at 2617 Zoo Parkway, Jacksonville, Duval County, Florida 32226. 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, handle 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). Either of two McGill carbon adsorption/absorption vapor recovery units (Model Nos. MR-404DT and MR-704HS) shall be used as back-up vapor control units.

Also included in this permit are miscellaneous unregulated/insignificant emissions units and/or activities.

PROJECT DESCRIPTION

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

PRIMARY REGULATORY REQUIREMENTS

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).

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

MACT: The Hess Corporation, Jacksonville Terminal, is subject to following to the following MACTs:

Emissions Unit Nos. 001, 002, 003, 005, 009, 011, 013, 015 and 016 are subject to 40 CFR 63, Subpart BBBBBB, National Emission Standards for Hazardous Air Pollutants for Source Category: Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities and applicable provisions of 40 CFR 63, Subpart A, General Provisions. Subpart BBBBBB was proposed on November 9, 2006 and was promulgated on January 10, 2008.

The Hess Corporation, Jacksonville Terminal is subject to 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) and 40 CFR 60, Subpart A, General Provisions.

Emission Unit No. 017 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.

NSPS: Emission Unit No. 003 is subject to 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.

Emission Unit No. 005 is subject to 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.

PSD: The facility is not a Prevention of Significant Deterioration (PSD)-major source of air pollution in accordance with Rule 62-212.400, F.A.C.

RACT: Emission Unit Nos. 001, 002, 011, 013, 015 and 016 are subject to Reasonable Available Control Technologies (RACT).

Emission Unit No 12 is **not** subject to the National Emission Standards for Marine Tank Vessel Tank Loading Operations [40 CFR 63, Subpart Y] since the Marine Tank Vessels Tank Loading Operation is not a major source.

PROJECT REVIEW

This permit is for the purpose of renewing Title Air Operation Permit No. 0310180-012-AV for the above referenced facility**. Note: A revision (Permit No. 0310180-016 AV) of Permit No. 0310180-012-AV was issued on June 16, 2009. The changes to the revision are indicated below. Specific conditions have been renumbered accordingly.**

1. Additional facility-wide conditions were added to the body of Air Operation No. Permit No. 0310180-018-AV. While these facility-wide conditions did not appear in the body of the revision (Permit No. 0310180-016-AV), they were already present in Appendix TV-6. The additional conditions were added to the body of the permit for emphasis.

2. Emission Unit Nos. 001, 002, 011, 013, 015 and 016:

Specific Condition Nos. 2, 4, 5, 6, 7 and 8 were added to Permit No. 03210180-018-AV and Specific Conditions No. 3, 4 and 5 were removed from the revision (Permit No. 0310180-016-AV).

3. Emission Unit Nos. 003:

Specific Condition Nos. 2, 5, 6, 7, 8 and 9 were added to Permit No. 03210180-018-AV and Specific Condition No. 4 was removed from the revision (Permit No. 0310180-016-AV).

4. Emission Unit Nos. 005:

Specific Condition Nos. 2, 6, 7, 11, 12 and 13 were added to Permit No. 03210180-018-AV and Specific Conditions No. 9 was removed from the revision (Permit No. 0310180-016-AV).

5. Emission Unit Nos. 009:

Specific Condition Nos. 2, 3, 4, and 5 were added to Permit No. 03210180-018-AV.

New Emission Unit No. 017 (Emergency Diesel Engine) has been created and added to Permit No. 0310180-018-AV.

The model number of the vapor combustor control device for the loading rack (EU 005) was incorrectly named. The following change was made:

From: John Zink Company Vapor Combustor, Model Number ZCT-3-9-50-X-2/8-2/8-X
To: John Zink Company Vapor Combustor, Model Number ZCT-5-9-50

CONCLUSION

This project renews Title V Air Operation Permit No. 0310180-012-AV, which was issued on December 13, 2007. This Title V Air Operation Permit Renewal is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-213, Florida Administrative Code (F.A.C.). In accordance with the terms and conditions of this permit, the above named permittee is hereby authorized to operate the facility as shown on the application and approved drawing(s), plans, and other documents on file with the Permitting Authority.

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