Title V Air Operation Permit Renewal
Permit No. 0570016-015-AV

APPLICANT

The applicant for this project is CITGO Petroleum Corporation. The applicant's responsible official and mailing address are: Davison De Araujo, Terminal Manager, CITGO Petroleum Corporation, 801 McCloskey Boulevard, Tampa, Florida 33605.

FACILITY DESCRIPTION

The applicant operates the CITGO Tampa Terminal, which is located in Hillsborough County at 801 McCloskey Boulevard, Tampa, Florida.

CITGO Tampa Terminal is a bulk gasoline terminal that stores and handles petroleum products and petroleum product additives. Gasoline, diesel, jet fuel, and denatured ethanol are received by marine vessel and stored in above ground storage tanks. All of the products are subsequently loaded into tanker trucks for shipment offsite or can also be delivered into the pipeline owned by Central Florida Pipeline. The operations at this facility include 18 permitted storage tanks and one four-bay loading rack (Rack #1) and one two-bay loading rack (Rack #2), whose emissions are controlled by a VCU (John Zink ZFT-3-8-50-3-3/6-3/6-X).

CITGO Tampa Terminal is a major source of VOC and HAP emissions. The facility is subject to 40 CFR 63, Subpart R - National Emission Standards for Gasoline Distribution Facilities (Bulk Gasoline Terminals and Pipeline Breakout Stations). The loading racks are subject to 40 CFR 60, Subpart XX - Standards of Performance for Bulk Gasoline Terminals and Rule 62-296.510, F.A.C. - Bulk Gasoline Terminals. Storage Tank #s 1, 5, 11, 17, 18, and 19 are subject 40 CFR 60, Subpart Kb - Standards of Performance for Volatile Organic Liquid Storage Vessels (Including Petroleum Liquid Storage Vessels) for Which Construction, Reconstruction, or Modification Commenced After July 23, 1984. Storage Tank #s 17, 18, and 19, are subject to Rule 62-296.508 - Petroleum Liquid Storage. Storage Tank #s 1, 5, 11, and 14 are subject to Rule 62-296.516, F.A.C. - Petroleum Liquid Storage Tanks with External Floating Roofs.

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

PROJECT DESCRIPTION

The purpose of this permitting project is to renew the existing Title V permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Draft/Proposed Renewed Title V Air Operation Permit issued September 1, 2011
Application for a Title V Air Operation Permit Renewal received June 7, 2011
Additional Information Request: N/A
Notice of Intent to Issue Air Permit issued September 1, 2011
Public Notice Published September 16, 2011
FINAL Renewed Title V Air Operation Permit issued November 10, 2011

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is identified as a major source of hazardous air pollutants (HAP).
Title V: The facility is a Title V major source of air pollution in accordance with Chapter 62-213, Florida Administrative Code (F.A.C.).
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.
NSPS: The facility does operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.
NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.
CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

PROJECT REVIEW

This Title V Renewal Permit is for the renewal of Permit No. 0570016-014-AV, which was concurrently issued with the AC Permit No. 0570016-013-AC. The AC Permit authorized the conversion of Tank #11 from the diesel to a gasoline storage tank equipped with a mechanical shoe primary seal and rim-mounted secondary wiper seal. According to the Title V Permit Renewal Application, CITGO requested no changes to the Permit Renewal.

CITGO Tampa Terminal has a diesel fueled compression ignition (CI) reciprocating internal combustion engine (RICE) at the site. This CI RICE (188 HP, Clarke GM Diesel, Inc., Model DDFT-04AT, SN: 4A284541) was manufactured in September 1990. This CI RICE is used for emergency, in the event of a fire, to deliver a mixture of foam and water to the loading rack areas and the storage tanks that are in gasoline service. This CI RICE is not subject to NSPS Subpart IIII (*Standards of Performance for Stationary Compression Ignition Internal Combustion Engines*) since it was manufactured before April 1, 2006. However, this unit will be subject to the NESHAP, Subpart ZZZZ (*National Emissions Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines*) pursuant to 40 CFR 63.6585(a) & 63.6590(a)(1)(ii), and is therefore, required to comply with the requirements of Table 2c., Table 4 and Table 6 in Subpart ZZZZ pursuant to 40 CFR 63.6602 & 63.6640. CITGO shall comply with this Subpart no later than May 13, 2013 pursuant to 40 CFR 63.6595(a)(1). The NESHAP requirements will be reflected in Appendix ICE of the Title V Permit Renewal.

CONCLUSION

This project is to renew the Title V air operation permit No. 0570016-015-AV, which was issued on July 13, 2011. This Title V air operation permit renewal is issued under the provisions of Chapter 403, Florida Statues (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.