
STATEMENT OF BASIS

Initial Title V Air Operation Permit Permit No. 0090219-006-AV

APPLICANT

The applicant for this project is Seaport Canaveral Corporation. The applicant's responsible official and mailing address are:

Mr. Juriaan Steenland, General Manager
Seaport Canaveral Corporation
555 Hwy 401
Cape Canaveral, FL 32920

FACILITY DESCRIPTION

The applicant operates the Seaport Canaveral Terminal, which is located at 555 Hwy 401, Cape Canaveral, in Brevard County, Florida.

Seaport Canaveral Terminal is a bulk petroleum terminal located at Port Canaveral, Florida. There are 24 aboveground fuel storage tanks having a combined storage capacity of approximately 3 million barrels. The facility stores petroleum liquids and fuel additive products, excluding crude oil, in twenty (20) internal floating roof (IFR) tanks with mechanical shoe seals and four (4) fixed roof tanks. The IFR tanks contain gasoline, jet fuel, diesel fuel, biofuel, ethanol, and several blend components. Three of the fixed roof tanks have heated coils to control viscosity and contain diesel and No. 6 Fuel Oil, while the other one contains diesel or marine diesel oil (MDO). One of the IFR tanks has heated coils.

The terminal uses two (2) dedicated fuel-loading racks and two (2) dedicated Vapor Combustion Units to control VOC and HAP emissions during loading operations. The Marine Loading Rack transfers fuel between the storage tanks and marine vessels, while the Truck Loading Rack transfers fuel from the storage tanks to tanker trucks. The Vapor Combustion Units are assisted by natural gas and have temperature monitors at the outlets.

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

PROJECT DESCRIPTION

The purpose of this permitting project is to obtain an initial Title V permit for the above referenced facility.

PROCESSING SCHEDULE AND RELATED DOCUMENTS

Application for an Initial Title V Air Operation Permit received **October 24, 2011**

Application complete **October 24, 2011**

PRIMARY REGULATORY REQUIREMENTS

Title III: The facility is not 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.

STATEMENT OF BASIS

NSPS: The facility does operate units subject to the New Source Performance Standards (NSPS) of 40 Code of Federal Regulations (CFR) 60.

- 40 CFR 60, Subparts A, General Provisions;
- 40 CFR 60, Subparts Dc, Small Industrial-Commercial-Institutional Steam Generating Units;
- 40 CFR 60, Subparts Kb, Volatile Organic Liquid Storage Vessels;
- 40 CFR 60, Subparts XX, Bulk Gasoline Terminals;
- 40 CFR 60, Subparts IIII, Stationary Compression Ignition Internal Combustion Engines;

NESHAP: The facility does operate units subject to the National Emissions Standards for Hazardous Air Pollutants (NESHAP) of 40 CFR 63.

- 40 CFR 63, Subparts A, General Provisions;
- 40 CFR 63, Subparts BBBB, Gasoline Distribution Bulk Terminals, Bulk Plants, and Pipeline Facilities; and
- 40 CFR 63, Subpart ZZZZ, Stationary Reciprocating Internal Combustion Engines

CAIR: The facility is not subject to the Clean Air Interstate Rule (CAIR) set forth in Rule 62-296.470, F.A.C.

CAM: Compliance Assurance Monitoring (CAM) does not apply to any of the units at the facility.

PROJECT REVIEW

This project is Seaport Canaveral's Initial Title V permit which will incorporate the provisions of permit No. 0090219-007-AC (processing concurrently with this project), which authorizes modification of Tank 50-2. The fixed roof tank will be converted to an internal roof tank. The construction permit authorizes the installation (after-the-fact) of two (2) emergency fire pumps and two (2) emergency generators. Additionally, it increases the facility non-fugitive VOC emission limit from less than 100 tons per any consecutive twelve months to less than 240 tons per any consecutive twelve months and increases the allowable gasoline throughput of Emission Unit No. 001 from 589.4 to 772 million gallons. This project will combine previous emissions units ID Nos. 003 and 005 under emissions unit ID No. 003 and the two (2) emergency fire pumps will be listed under emissions unit ID No. 004. The storing and blending of MTBE shall be for loading marine vessels to foreign markets only. Any product in a tank containing MTBE shall be secured by completely segregating the tank to insure the product inside is not sent to the truck rack. The method should be written into the facility's Operation and Maintenance Plan.

Products containing less than 0.5 percent by volume can be used in some United States Markets.

Some states other than Florida have rules, restricting MTBE, ranging from 0 – 0.5 percent.

CONCLUSION

This project is for the initial Title V air operation permit. This initial Title V air operation permit is issued under the provisions of Chapter 403, Florida Statutes (F.S.), and Chapters 62-4, 62-210 and 62-213, F.A.C.