

PORT EVERGLADES TARIFF NO. 12

Item No. 1072–Petroleum & liquefied petroleum gas terminal facilities.

Issue No. 1

Effective Date: October 1, 2010

[I] Design, Installation, Operation, Testing & Maintenance

Facility operators will design, install, operate, test and maintain Petroleum Terminal Facilities located within the Port Everglades Jurisdictional Area in accordance with Chapter 62-762, F.A.C. and other state and federal regulations as applicable.

The most current editions of the Florida Fire Prevention Code (FFPC) and its applicable adopted National Fire Protection Association Standards, including NFPA 30 "Flammable and Combustible Liquids Code" and NFPA 58 "Liquefied Petroleum Gas Code," NFPA 72 "National Fire Alarm Code," and the following additional requirements as set forth in section [II] below, will apply to the design, installation, operation, testing and maintenance of Petroleum and Liquefied Petroleum Gas (LPG) Terminal Facilities located within the Port Everglades Jurisdictional Area.

[II] Additional Fire Prevention Related Requirements for Port Everglades Petroleum and LPG Terminal Facilities

Semifixed Foam Extinguishing Systems:

Semifixed foam extinguishing systems are required for all terminal storage tanks (excluding tanks covered by NFPA 30A, Code for Motor Fuel Dispensing Facilities and Repair Garages) in which Class I liquids are stored. The storage tanks shall be equipped with an approved fixed fire fighting foam chamber with piping to the roadside.

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- a. Fire fighting foam systems shall be designed to operate with 3% AR-AFFF fire fighting foam.
- b. Fire fighting foam system design shall not exceed the capabilities of the Broward Sheriff's Office Department of Fire Rescue and Emergency Services fire apparatus, equipment and the water supply capabilities of the Port Everglades Department.

Fire Department Connections (FDC):

Fire Department Connections shall be UL approved, standard fire department Siamese type connections consisting of 2 ½" diameter female hose connections (N.S.T.), clapper valves, caps and 5" Storz type connections.

Fire Department Connections shall be identified by signage at a location and of a size and colors approved by the Broward Sheriff's Office, Department of Fire Rescue and Emergency Services, Fire Marshal's Bureau. Signs shall be located and of such size, distinctive color, and design that it is immediately visible and shall provide contrast with other signs. Signage shall include the storage tank identification number in 3" letters/numerals and, in 1" letters, the product type, working pressure, and gallons per minute required for the specific storage tank the connection serves.

Truck Loading Rack Fire Protection:

Truck loading rack fire protection is required where Class I and/or Class II liquids are handled.

Liquefied Petroleum Gas Fire Protection:

A terminal facility handling liquefied petroleum gas in bulk shall provide a water deluge fire protection system capable of reaching every storage tank, pump house and other gas handling apparatus with a volume of water sufficient to effect the required cooling of tanks or related gas handling apparatus on fire or exposed to fire.

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Crude Oil Storage Dike Design Requirement:

Dikes providing containment for crude oil storage tanks shall be provided with a flareback section at the top of the dike to turn back a boil-over wave.

Fire Suppression Systems Emergency Notification:

All fire alarm and fire suppression and extinguishing systems shall be monitored by an approved fire alarm monitoring company and provide immediate notification of fire alarm/fire suppression system activation to emergency forces. Such monitoring arrangements shall be in compliance with the Florida Fire Prevention Code, including NFPA 72, and meet the approval of the Broward Sheriff's Office Department of Fire Rescue and Emergency Services, Fire Marshal's Bureau.

Retroactivity:

The Port Everglades Department will permit the continued use petroleum and liquefied petroleum gas terminal facilities or equipment erected or installed in accordance with the regulations and codes in force at the time of construction or installation. Any substantive changes, alterations, additions or modifications to facilities made after the effective date of this Tariff Item shall be in accordance with the requirements of this Item.

Modification:

The Port Everglades Department in consultation with the Broward Sheriff's Office, Department of Fire Rescue and Emergency Services Fire Marshal's Bureau and applicable municipality shall have the power to upon request in writing, when such request shows that enforcement of the requirements of this Item will cause unnecessary hardship to the petitioner, provided that such request shall not be granted where the requested exemption will constitute a distinct hazard to life, property or to the environment.

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Equivalency:

Nothing in this Tariff Item is intended to prevent the use of systems, methods, or devices of equivalent or superior quality, strength, fire resistance, effectiveness, durability, and safety over those prescribed by the requirements of this Item.

[III] Permits for Construction and Repairs

Consistent with Section 3.7 (iii) of the Interlocal Agreement between the City of Hollywood, the City of Fort Lauderdale, the City of Dania Beach and Broward County date May 6, 1994 issuance of building permits for new construction, repairs or alterations to petroleum terminal facilities occurring within the Port Everglades Jurisdictional Area and within overlapping municipal boundaries are subject to the requirements of the applicable municipality.

[IV] Annual Inspections of Petroleum Terminal Facilities

The Broward Sheriff's Office, Department of Fire Rescue and Emergency Services, Fire Marshal's Bureau, representing the Port Everglades Department, shall conduct annual inspections of petroleum terminal facilities including buildings and structures therein and any other facility that has the potential for creating a severe petroleum based fire within the Port Everglades Jurisdictional Area.

Note: This item replaces Sections 1,2,3,4 & 16 of "The Security Regulations at Port Everglades, Florida."