

## Florida Department of Environmental Regulation

Southwest District • 4520 Oak Fair Boulevard • Tampa, Florida 33610-7347 • 813-623-5561

Bob Martinez, Governor

Dale Twachtman, Secretary

John Shearer, Assistant Secretary

Dr. Richard Garrity, Deputy Assistant Secretary

### PERMITTEE:

GATX Terminals Corporation  
100 GATX Drive  
Tampa, FL 33605

### PERMIT/CERTIFICATION

Permit No: AO29-128572  
County: Hillsborough  
Issued Date: 3/13/87  
Reissued Date: 12/01/89  
Expiration Date: 3/10/92  
Project: Three Trucks and One  
Railcar Loading  
Stations

This permit is issued under the provisions of Chapter 403, Florida Statutes, and Florida Administrative Code Rules 17-2 & 17-4. The above named permittee is hereby authorized to perform the work or operate the facility shown on the application and approved drawing(s), plans and other documents, attached hereto or on file with the department and made in part hereof and specifically described as follows:

For the operation of three trucks and one railcar loading stations at a solvent and petroleum storage tank farm. The loading racks are designated and described as follows:

#### Loading Station

#### Solvent/Petroleum Loaded

Petroleum Tank/Truck  
Loadout - T/T No. 1

Jet Fuel (Jet A), Diesel Fuel, and  
Gasoline.

Tank Truck Loadout - T/T No. 2

Ethanol (some spray oil).

Tank Truck Loadout - T/T No. 3

Methanol, various solvents listed  
in Permit No. AO29-101494, with the  
exception of gasoline.

Tank Railcar Loadout - T/C No. 4

Ethanol and Caustic Soda.

T/T No. 1, Petroleum Tank Truck Loading Station, consists of three loading stations used for tank truck loading of gasoline, diesel oil, and jet fuel. Jet A fuel is bottom loaded from the western loading station consisting of two loading arms. Diesel fuel and gasoline are bottom loaded from the eastern and central loading stations each consisting of six loading arms. The maximum throughput shall not exceed 4,500,000

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Process Description: (continued)

gallons of gasoline per year, 2,000,000 gallons of diesel oil per year, and 2,500,000 gallons of jet fuel per year. Volatile Organic Compound (VOC) emissions generated during jet fuel, diesel fuel and gasoline truck loading operations are ducted to a John Zink Company, Model GV-LH-8400-2, open flame flare unit. T/T No. 1 is subject to the requirements of 40 CFR 60.500, Subpart XX - Standards of Performance for Bulk Gasoline Terminals.

T/T No. 2 consists of three loading arms used to bottom load spray oil or ethanol. The northern arm loads spray oil and the remaining two arms load ethanol.

T/T No. 3 has thirty-two loading arms used to top load various solvents, referenced above, into trucks utilizing drop tubes to avoid splashing, and methanol bottom loading arm.

T/C No. 4 consists of two loading arms for railcar loading of ethanol and caustic soda. Both arms are used to top load railcars

All top loading operations are equipped with pipe extensions for submerged filling. There is no railcar loading of gasoline.

Location: 100 GATX Drive, Tampa

UTM: 17-358.2 E 3088.7 N NEDS NO: 0085 Point ID: 03 - T/T No. 1  
04 - T/T No. 2  
05 - T/T No. 3  
06 - T/C No. 4

Replaces Permit No.: AC29-151060

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SPECIFIC CONDITIONS: (continued)

12. The Environmental Protection Commission of Hillsborough County shall be notified in writing 15 days in advance of any compliance test to be conducted on this source.

13. Submit for this facility, each calendar year, on or before March 1, an emission report for the preceding calendar year containing the following information pursuant to Section 403.061(13), Florida Statutes:

- (A) Annual amount of materials and/or fuels utilized.
- (B) Annual emissions (note calculation basis).
- (C) Any changes in the information contained in the permit application.

Duplicate copies of all reports shall be submitted to the Environmental Protection Commission of Hillsborough County.

14. All equipment, pipes, hoses, lids, fittings, etc., shall be operated/maintained in such a manner to minimize leaks, fugitive emissions, and spills or organic materials, as per Subsection 17-2.620(1), F.A.C.

15. Any proposed change to this facility which will increase the actual emissions, such as hours of operation, maximum annual throughput, etc., may be considered a modification and must be reported to the Department and the Environmental Protection Commission of Hillsborough County prior to implementing the change for proper processing.

16. The use of property, facilities, equipment, processes, products, or any other act, that causes or materially contributed to a public nuisance is prohibited, pursuant to the Hillsborough County Environmental Protection Act, Chapter 84.446, Laws of Florida, as amended, Section 3.(8)(a).

17. The permittee shall not store, pump, handle, process, load, unload or use in any process or installation volatile organic solvents without applying known and existing vapor emission control devices or systems as deemed necessary by the Environmental Protection Commission of Hillsborough County. [Chapter 1-3.23 of the Rules of the Environmental Protection Commission of Hillsborough County].

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SPECIFIC CONDITIONS: (continued)

- (3) A record of each monthly leak inspection required under Specific Condition No. 7 shall be kept on file at the terminal for at least 2 years. Inspection records shall include, as a minimum the following information:
  - a. Date of inspection.
  - b. Findings may indicate no leaks discovered; or location, nature, and severity of each leak).
  - c. Leak determination method.
  - d. Corrective action (date each leak repaired; reasons for any repair interval in excess of 15 days).
  - e. Inspector name and signature.
- (4) The terminal owner or operator shall keep documentation of all notifications required under Specific Condition No. 3 on file at the terminal for at least two years.
- (5) The permittee shall comply with all future requirements of the Code of Federal Regulations (CFR) when promulgated, if any. [Reserved]
- (6) The owner or operator of an affected facility shall keep records of all replacements or additions of components performed on an existing vapor processing system for at least 3 years.

F. Demonstration of compliance with the requirements of Specific Conditions No. 8.A. through No. 8.D. shall be conducted at intervals of 12 months from July 18, 1989. Two copies of the test data shall be submitted to the Air Section of the Environmental Protection Commission of Hillsborough County office within 45 days of such testing.

Furthermore, compliance with the emission limitations of Specific Conditions No. 10 and 11 shall be determined using a recordkeeping system. The recordkeeping system shall include, but not limited to, operation time and monthly throughput. Records shall be retained for a minimum of two years and shall be made available to the Department and/or the Environmental Protection Commission of Hillsborough County upon request.

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9. The petroleum tank truck loading rack, T/T No. 1, was permitted under Section 17-2.520, F.A.C., Sources Not Subject to Prevention of Significant Deterioration of Nonattainment Requirements since the potential emissions from the facility will not increase above 100 TPY. The total volatile organic compound emissions from the flare, generated during jet fuel, diesel fuel, and gasoline truck loading operations shall not exceed a total of 30.8 TPY. The new total stations cap shall not exceed 47.48 TPY.

10. As stated in the construction permit application, in order to exempt the T/T No. 1 from the requirements of Section 17-2.510, F.A.C., New Source Review for Nonattainment Areas, total volatile organic compound (VOC) emissions from the facility covered under permits AC29-159753, AC29-160745, AC29-149635, AO29-101491, and this permit, shall not exceed 114.62 TPY and 9.55 tons per month. Furthermore, in order to ensure that this VOC emission limiting standard is met, the maximum product throughput shall not exceed the following limits:

<u>Tank No.</u>	<u>Product Stored</u>	<u>Annual Throughput (gals.)</u>	<u>Monthly Throughput (gals.)</u>
T/T No. 1	Jet A Fuel	2,500,000	208,333
	Diesel Fuel	2,000,000	166,667
	Gasoline	4,500,000	375,000

11. Volatile organic compound emissions from T/T No. 2, T/T No. 3, and T/C No. 4 shall not exceed a total of 16.68 TPY., pursuant to Subsection 17-2.620(1), F.A.C. Furthermore, in order to ensure that this VOC emission limiting standard is met, the maximum product throughput shall not exceed the following limits:

<u>Tank No.</u>	<u>Product Stored</u>	<u>Annual Throughput (gals.)</u>	<u>Monthly Throughput (gals.)</u>
T/T No. 2	Ethanol	22,000,000	1,833,333
	Spray Oil	No Limit	No Limit
T/T No. 3	Referenced Solvents & Methanol	22,348,947	1,862,412
T/C No.4	Ethanol	9,360,000	780,000

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SPECIFIC CONDITIONS: (continued)

18. All reasonable precautions shall be taken to prevent and control generation of unconfined emissions of particulate matter in accordance with the provision in Section 17-2.610(3), F.A.C. These provisions are applicable to any source, including, but not limited to, vehicular movement, transportation of materials, construction, alterations, demolition or wrecking, or industrial related activities such as loading, unloading, storing and handling.

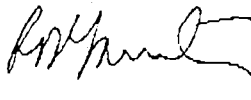
19. Pursuant to the provisions of Section 17-2.620, F.A.C., and Chapter 1-3.22(3) of the Rules of the Environmental Protection Commission of Hillsborough County, the permittee shall not allow the discharge of air pollutants which contribute to an objectionable odor.

20. Pursuant to Section 17-4.090, F.A.C., an application, completed in quadruple, for a permit to operate this source shall be submitted to the Environmental Protection Commission of Hillsborough County at least 60 days prior to its expiration date of this permit.

Issued March 13, 1989

Reissued this 1 day of Feb  
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STATE OF FLORIDA DEPARTMENT OF  
ENVIRONMENTAL REGULATION



Richard Garrity, Ph.D.  
Deputy Assistant Secretary