

217/782-2113

LIFETIME OPERATING PERMIT -- NSPS SOURCE -- REVISED

PERMITTEE

Center Terminal Company - Hartford
Attn: Gerald L. Jost, Jr.
11605 Studt Avenue, Suite 114
St. Louis, Missouri 63141

Application No.: 72110357

I.D. No.: 119050AAD

Applicant's Designation: CTC-HART

Date Received: November 19, 1999

Subject: Petroleum Terminal

Date Issued: December 6, 1999

Expiration Date: See Condition 1.

Location: 1402 South Delmar, Hartford

This permit is hereby granted to the above-designated Permittee to OPERATE emission unit(s) and/or air pollution control equipment consisting of:

Bulk Petroleum Terminal Comprised of:

- Two Loading Racks Controlled by Vapor Combustion System
- One 120,000 bbl Gasoline Storage Tank with Internal Floating Roof (120-1)
- Three 42,00 bbl Gasoline Storage Tanks with Internal Floating Roofs (42-3, 42-5, 42-7)
- One 3,000 bbl Ethanol Storage Tank with Internal Floating Roof

pursuant to the above-referenced application. This permit is subject to standard conditions attached hereto and the following special condition(s):

- 1a. This permit shall expire 180 days after the Illinois EPA sends a written request for the renewal of this permit.
- b. This permit shall terminate if it is withdrawn or is superseded by a revised permit.
- 2a. The 120,000 barrel gasoline storage tank (120-1) is subject to New Source Performance Standards (NSPS), 40 CFR 60, Subparts A and Ka. The ethanol Tank 3-2 and gasoline Tanks 42-5 and 42-3 are subject to Subparts A and Kb. The Illinois EPA is administering these standards in Illinois on behalf of the United States EPA under a delegation agreement.
- b. The 120-1 tank shall comply with the equipment standards contained in the NSPS, 40 CFR 60.112(a)(2) and Tanks 3-2, 42-5 and 42-3 shall comply with 40 CFR 60.112b(1).

c. The Permittee shall notify the Illinois EPA of any change in the type of materials stored that are different than those identified in the application.

3. Emissions of volatile organic material, materials stored, and throughput of equipment shall not exceed the following:

<u>Equipment</u>	<u>Material Stored</u>	<u>Throughput (Gal/Yr)</u>	<u>VOM Emissions (Tons/Yr)</u>
Loading Racks	All Fuels	307,000,000	44.8
120-1	NL Gasoline	150,000,000	10.8
3-2	Ethanol	2,500,000	2.1
42-5	SNL Gasoline	52,000,000	5.6
42-3	NL Gasoline	52,000,000	2.8
42-7	NL Gasoline	50,000,000	5.6

Emissions from the loading racks are based on the manufacturer of the vapor combustion systems guaranteed emission factor of 35 mg of emissions per liter of fuel loaded and the maximum throughput of gasoline indicated in the permit application. Emissions from the storage tanks are based on standard AP-42 emission factors and the maximum gasoline throughput indicated in the permit application.

4. Center Terminal Company shall inspect for leakage of the components of the vapor combustion system which carry volatile organic material vapors according to the following intervals:

a. Pump seals shall be inspected visually every week.

b. All valves and the coupler that connects to the delivery vessel shall be inspected by a portable detection unit between March 1 and April 30 of each year. All leaks shall be promptly repaired and a reinspection made within three (3) months on those valves which were leaking.

5a. If a malfunction or breakdown of the vapor combustion system occurs Center Terminal Company will notify the Illinois EPA Regional Office in Collinsville at 618/346-5120 on the same or next working day. The time of occurrence and type of malfunction and breakdown shall be given.

b. Center Terminal Company shall submit a quarterly report summarizing the quantity of emissions, the type and duration of each malfunction, and the steps taken to reduce the occurrence of each malfunction or breakdown.

- c. Operation during malfunction and breakdown is allowed for a period of 72 hours.
- d. If the malfunction and breakdown cannot be corrected within 72 hours, the facility shall notify the regional office and request the possibility of an extension. Extensions are sometimes granted but depend on a case-by-case basis.
6. A volatile organic liquid (VOL) that, as stored, has a maximum true vapor pressure equal to or greater than 5.2 kPa (0.75 psi) but less than 76.6 kPa (11.1 psi) shall not be stored in storage tanks 120-1, 3-2, 42-5, and 42-3, unless the tank is equipped with internal floating roof meeting the specifications of 40 CFR 60.112b(a)(1) for Tanks 3-2 and 42-5 and 40 CFR 60.112(a)(2) for Tank 120-1.
7. The Permittee shall follow monitoring and maintenance requirements of 40 CFR 60.113b(a) for storage tanks 3-2, 42-3 and 42-5 and 40 CFR 60.113(a)(2) for Tank 120-1.
8. The Permittee shall follow reporting and recordkeeping requirements of 40 CFR 60.115b(a) for storage tanks 3-2, 42-3 and 42-5 and 40 CFR 60.115(a) for Tank 120-1.
9. Emissions of organic material into the atmosphere shall not exceed 3.6 kg/hr (8 lbs/hr) during the loading of any organic material from the aggregate loading pipes of any loading area having throughput of greater than 151 cubic meters per day (40,000 gal/day) into any railroad tank car, tank truck or trailer unless such loading area is equipped with submerged loading pipes or an equivalent device (35 Ill. Adm. Code 219.122(a)).
10. The Permittee shall comply with the control requirements in 35 Ill. Adm. Code 219.120 and 219.121 for the four (4) gasoline Tanks 120-1, 42-5, 42-7, 42-3 and ethanol Tank 3-2.
11. The Permittee shall maintain monthly records of the following items:
 - a. Fuel type and throughput (gallons/month and gallons/year).
12. At all times the Permittee shall, to the extent practicable, maintain and operate the equipment, including associated air pollution control equipment, in a manner consistent with good air pollution control practices for minimizing emissions.
13. In the event that the operation of this source results in an odor nuisance, the Permittee shall take appropriate and necessary actions to minimize odors, including but not limited to, changes in raw material or installation of controls, in order to eliminate the nuisance.

14. The Permittee shall operate the bulk petroleum terminal in compliance with 35 Ill. Adm. Code 219.127, 219.128, 219.129 and 219.582.
15. All records and logs required by this permit shall be retained at a readily accessible location at the source for at least three years from the date of entry and shall be made available for inspection and copying by the Illinois EPA upon request. Any records retained in an electronic format (e.g., computer) shall be capable of being retrieved and printed on paper during normal source office hours so as to be able to respond to an Illinois EPA request for records during the course of a source inspection.
16. If there is an exceedance of the requirements of this permit as determined by the records required by this permit, the Permittee shall submit a report to the Illinois EPA's Compliance Section in Springfield, Illinois within 30 days after the exceedance. The report shall include the emissions released in accordance with the recordkeeping requirements, a copy of the relevant records, and a description of the exceedance or violation and efforts to reduce emissions and future occurrences.
17. Two (2) copies of required reports and notifications concerning equipment operation or repairs, performance testing or a continuous monitoring system shall be sent to:

Illinois Environmental Protection Agency
Division of Air Pollution Control
Compliance Section (#40)
P.O. Box 19276
Springfield, Illinois 62794-9276

and one (1) copy shall be sent to the Illinois EPA's regional office at the following address unless otherwise indicated:

Illinois Environmental Protection Agency
Division of Air Pollution Control
2009 Mall Street
Collinsville, Illinois 62234

18. Persons with lifetime operating permits must obtain a revised permit for any of the following changes at the source:
 - a. An increase in emissions above the amount the emission unit or the source is permitted to emit;
 - b. A modification;

- c. A change in operations that will result in the source's noncompliance with conditions in the existing permit; or
- d. A change in ownership, company name, or address, so that the application or existing permit is not longer accurate.

It should be noted that all materials handled by this facility must be included in the throughput limit. This includes materials transferred between pipeline, barge, truck and/or railcar.

It should be noted that this permit has been revised to include operation of the equipment described in construction permit 99070093.

It should be noted that this permit has been revised to show an increase in throughput in the loading racks.

If you have any questions on this permit, please contact Nathan Frank at 217/782-2113.

Donald E. Sutton, P.E.
Manager, Permit Section
Division of Air Pollution Control

DES:NAF:psj\8

cc: Region 3

