



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

BUREAU OF AIR MANAGEMENT TITLE V OPERATING PERMIT

Issued pursuant to Title 22a of the Connecticut General Statutes (CGS) and Section 22a-174-33 of the Regulations of Connecticut State Agencies (RCSA) and pursuant to the Code of Federal Regulations (CFR), Title 40, Part 70.

Title V Permit Number	054-0015-TV
Client/Sequence/Town/Premises Numbers	1457/2/054/5
Date Issued	January 19, 2012
Expiration Date	January 19, 2017

Corporation:

New Haven Terminal, Inc.

Premises location:

119 Frontage Road, East Haven, CT 06512

Name of Responsible Official and Title:

Robert Karecki, Manager – Environmental & Regulatory Compliance

All the following attached pages, 2 through 29, are hereby incorporated by reference into this Title V Operating Permit.

/s/ Anne Gobin for _____
Daniel C. Esty
Commissioner

January 19, 2012
Date

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LIST OF ACRONYMS

<i>Acronym</i>	<i>Description</i>
API	American Petroleum Institute
ASTM	American Society for Testing and Materials
CFR	Code of Federal Regulations
CGS	Connecticut General Statutes
DEEP	Department of Energy and Environmental Protection
EU	Emissions Unit
ERC	Emission Reduction Credit
EPA	Environmental Protection Agency
GEU	Grouped Emissions Unit
HAP	Hazardous Air Pollutant
kPa	kilopascals
l	liter
MACT	Maximum Achievable Control Technology
mg	milligrams
mm Hg	Millimeters of Mercury
NSR	New Source Review
O&M	Operation and Maintenance
psi	pounds per square inch
psia	pounds per square inch absolute
RCSA	Regulations of Connecticut State Agencies
RVP	Reid Vapor Pressure
SIC	Source Identification Code
SOS	Standard Operating Scenario
VOC	Volatile Organic Compound
VOL	Volatile Organic Liquid
VRU	Vapor Recovery Unit

Title V Operating Permit

All conditions in Sections III, IV, V, VII and VIII of this permit are enforceable by both the Administrator and the commissioner unless otherwise specified. Applicable requirements and compliance demonstration are set forth in Section III of this permit. The Administrator or any citizen of the United States may bring an action to enforce all permit terms or conditions or requirements contained in Sections III, IV, V, VII and VIII of this permit in accordance with the Clean Air Act, as amended.

Section I: Premises Information/Description

A. PREMISES INFORMATION

Nature of Business: Bulk Petroleum Terminal
Primary SIC: 5171 Petroleum Bulk Stations and Terminals

Facility Mailing Address: New Haven Terminal, Inc.
POB 9423
100 Waterfront Street
New Haven, Connecticut 06534-0423

Telephone Number: (203) 468-0805

B. PREMISES DESCRIPTION

New Haven Terminal, Inc. East Haven (NHT EH) is located at 119 Frontage Road, East Haven, CT, approximately 41°17'30" latitude, 72°53'00" longitude. The premises is located off Frontage Road near the intersection of Peat Meadow. Approximately one-third of the property is located in New Haven and two-thirds of the property is located in East Haven. The property is bounded to the north and west by an area of wetlands and a surface water known as Pollywog Pond. Property, which is now or formerly owned by Penn Central Transportation Company, abuts the site to the east and northeast. This area is typically comprised of wetlands. Several commercial and private residential properties abut NHT EH to the south between the facility and Frontage Road. A right-of-way from Frontage Road allows entrance to the facility.

NHT EH is a bulk petroleum terminal with principal operations consisting of the receipt, storage and distribution of gasoline and distillate products. NHT EH is capable of servicing areas in northern CT and MA via a product pipeline owned and operated by Buckeye Pipeline, Inc. There is also a truck loading rack, which is in disrepair. The VRU that served the truck loading rack has been removed. If gasoline is to be stored and distributed in the future, an NSR applicability determination on the associated equipment is required prior to the commencement of these operations.

NHT EH is a Title V source because it is subject to 40 CFR Part 63 Subpart R, Gasoline Distribution and 40 CFR Part 60 Subpart XX Bulk Gasoline Terminals. Emissions from the facility are predominantly VOC.

NHT EH also receives product from the New Haven Terminal, Inc. New Haven (NHT NH) facility via pipeline. As a result of this connection and common ownership, it was determined that NHT NH is subject to 40 CFR Part 63 Subpart R Gasoline Distribution. In order to streamline these requirements, the three tanks at NHT NH that are connected to NHT EH via pipeline and are in gasoline service, will be included in this permit. In this way, the NHT NH facility will not be subject to the monitoring, record keeping and reporting requirements of the Gasoline Distribution MACT. This solution resulted from discussions with EPA Region 1.

Section II: Emissions Units Information

A. EMISSIONS UNITS DESCRIPTION

It is not intended to incorporate by reference these Registrations into this Title V permit.

TABLE IIA: EMISSIONS UNIT IDENTIFICATION			
Emissions Units	Emissions Units Description	Control Unit Description	(R)egistration Number
EU 1	Tank 101 – Bulk petroleum storage tank, distillate	Vertical fixed roof	R-054-0007
EU 2	Tank 102 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0008
EU 3	Tank 103 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0009
EU 4	Tank 104 – Bulk petroleum storage tank, distillate	Vertical fixed roof	R-054-0010
EU 5	Tank 105 – Bulk petroleum storage tank, distillate	Vertical fixed roof	R-054-0015
EU 6	Tank 106 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0016
EU 7	Tank 107 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0011
EU 8	Tank 108 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0012
EU 9	Tank 109 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0013
EU 10	Tank 110 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0014
EU 11	Tank 114 – Bulk petroleum storage tank, gasoline or distillate	Internal floating roof, liquid mounted primary seal	R-054-0001
EU 12	Tank 115 – Bulk petroleum storage tank, distillate	Vertical fixed roof	None
EU 16	Equipment/Piping – Product distribution/transfer	None	None
EU 17	Boiler #1 – Heating unit (#2 fuel oil)	None	None
EU 18	Tank cleanings – Gasoline and distillate tanks	None	None
EU 19	Tank 111 – Bulk petroleum storage tank, gasoline or distillate ¹	Internal floating roof ¹	R-054-0781
EU 20	Tank 112 – Bulk petroleum storage tank, gasoline or distillate ¹	Internal floating roof ¹	R-054-0782
EU 21	Tank 113 – Bulk petroleum storage tank, gasoline or distillate ¹	Internal floating roof ²	R-054-0783
EU 22	Truck Loading Rack – Gasoline loading operations ²	Vapor Recovery Unit – Gesco Model 15	R-054-0017 R-054-0033
EU 23	Fugitive emissions from gasoline tank trucks	Tank trucks passed vapor tightness test	None
EU 24	Truck loading rack – Distillate loading operations ²	None	None
EU 25	Tank 14 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-439
EU 26	Tank 18 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-442
EU 27	Tank 19 (100 Waterfront Street, New Haven) – Bulk storage, gasoline, distillate, chemical product	Internal floating roof, liquid mounted primary seal	R-117-443
GEU 1	EU 2, 3, 6-11, 19-21, 25-27	As above	As above
GEU 2	EU 22-24	As above	As above

¹ – Currently out of service. Requires appropriate seal replacement prior to operation.

² – Currently out of service.

Section II: Emissions Units Information

B. OPERATING SCENARIO IDENTIFICATION

The Permittee shall be allowed to operate under the following scenario without notifying the commissioner, provided that such operations are explicitly provided for and described in the table below.

TABLE II.B: OPERATING SCENARIO IDENTIFICATION		
Identification of Operating Scenarios	Emissions Unit(s) Associated with the Scenarios	Description of Scenarios
SOS-1	All units included in this standard operating scenario	Bulk petroleum terminal operations

Section III: Applicable Requirements and Compliance Demonstration

This section contains terms and conditions for the operation of each identified Emissions Unit regulated by this Title V permit.

A. GEU 1, Internal Floating Roof Storage Tanks

1. VOC Control

a. *Limitations or Restrictions*

- i. Each gasoline storage vessel shall be equipped with a fixed roof in combination with an internal floating roof according to the requirements of 40 CFR §60.112b. [40 CFR §63.423 and RCSA §22a-174-20(a)(2)]
- ii. Equip each internal floating roof with a closure device between the wall of the storage vessel and the edge of the internal floating roof in accordance with 40 CFR §60.112b(a)(1). [40 CFR §63.423]

b. *Monitoring and Testing Requirements*

The Permittee shall demonstrate compliance with the VOC control requirements based on, but not limited to, the following requirements:

- i. A visual inspection of the internal floating roof, the primary seal and the secondary seal (if one is in service) shall be conducted prior to filling the storage vessel with VOL. If there are holes, tears or other openings in the primary seal, the secondary seal or the seal fabric or defects in the internal floating roof, or both, the items shall be repaired prior to filling the storage vessel. [40 CFR §60.113b(a)(1)]
- ii. Annual visual inspection of the closure devices between the wall of the storage device and the edge of the internal floating roof shall be conducted in accordance with 40 CFR §§60.113b(a)(2) and (3). [40 CFR §§60.113b(a)(2) and (3)]
- iii. The Permittee shall visually inspect the internal floating roof, the primary seal, the secondary seal (if one is in service), gaskets, slotted membranes and sleeve seals (if any) each time the storage vessel is emptied and degassed. If the internal floating roof has defects, the primary seal has holes, tears, or other openings in the seal or the seal fabric, or the secondary seal has holes, tears, or other openings in the seal or the seal fabric, or the gaskets no longer close off the liquid surfaces from the atmosphere, or the slotted membrane has more than 10 percent open area, the Permittee shall repair, before refilling the storage vessel with VOL, the items as necessary so that none of the conditions specified in this paragraph exist. The timing of these inspections shall be carried out in accordance with 40 CFR §60.113b(a)(4). [40 CFR §60.113b(a)(4)]
- iv. Conduct a monthly routine inspection of the roof hatches. [RCSA §22a-174-20(a)(8)(C)]
- v. A complete inspection of the cover and seal shall be conducted by the Permittee whenever the storage vessel is emptied for non-operational reasons but in any event at least once per 12 month rolling averaging period. [RCSA §22a-174-20(a)(8)(D)]

c. *Record Keeping Requirements*

In accordance with Section VIII.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of the results of all the inspections performed shall be maintained. Each record shall identify the storage vessel, the date the vessel was inspected and the observed conditions of each component of the control equipment (seals, internal floating roof and fittings). [40 CFR §60.115b(a)(2)]
- ii. Keep readily accessible records showing the dimensions of the storage vessels and an analysis showing the capacity of each storage vessel. These records shall be kept for the life of the vessel.

Section III: Applicable Requirements and Compliance Demonstration

[40 CFR §60.116b(b)]

- iii. For each storage vessel, record the dates when such storage vessel was emptied and degassed and the date such storage vessel was refilled. [RCSA §22a-174-33(j)(1)(K)(ii)]

d. *Reporting Requirements*

The Permittee shall provide the following reports:

- i. If any of the defects specified in 40 CFR §§60.113b(a)(2), (3) and/or (4) are observed during the annual visual inspection of the internal floating roof and the installed closure device, a report shall be furnished to the commissioner and the Administrator within 30 days of the inspection. Each report shall identify the storage vessel, the nature of the defects, and the date the storage vessel was emptied if it was emptied, and the nature of the repair and the date the repair was made. The report shall identify the storage vessel and the reason it did not meet the requirements of 40 CFR §60.113b(a)(1) and/or 40 CFR §61.112b(a)(1) and list each repair made. [40 CFR §§60.115b(a)(3) & (4) and RCSA §22a-174-4(d)(1)]
- ii. Notify the commissioner and the Administrator in writing of any planned changes to a storage vessel not less than 30 days before the changes are performed. [RCSA §22a-174-33(j)(K)(ii)]
- iii. Provide the records specified in Section III.A.1.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. Vapor Pressure

a. *Limitations and Restrictions*

- i. The vapor pressure of the volatile organic liquid being stored: < 11 psia (568 mm Hg) under actual storage conditions. [RCSA §22a-174-20(a)(2)(A)]
- ii. Between May 1 and September 15 of every year, the Permittee shall not offer for sale, sell or deliver to any gasoline service station in Connecticut, gasoline with a Reid vapor pressure in excess of 9.0 psi. [RCSA §22a-174-20(a)(5)]

b. *Monitoring and Testing Requirements*

The Permittee shall demonstrate compliance with the vapor pressure limitations based on, but not limited to, the following requirements:

- i. For storage vessels operated at or below ambient temperatures, the maximum true vapor pressure shall be calculated based upon the highest expected calendar-month average of the storage temperature. For storage vessels operated at ambient temperatures, the maximum true vapor pressure shall be calculated based upon the maximum local monthly average ambient temperature as reported by the National Weather Service. [40 CFR §60.116b(e)(1)]
- ii. Determine vapor pressure for the storage vessels storing crude oil or refined petroleum product in one of the following ways:
 - (A) By the available data on the Reid vapor pressure and the maximum expected storage temperature. The maximum expected storage temperature shall be based on the highest expected calendar-month average temperature of the stored product. This temperature shall be used to determine the maximum true vapor pressure from nomograph contained in API Bulletin 2517 (incorporated by reference herein. See 40 CFR §60.17). Notwithstanding the above, the liquid shall be sampled, the actual storage temperature determined, and the Reid vapor pressure determined from the sample(s) upon written request by the commissioner and/or Administrator [40 CFR §60.116b(e)(2)(i)]; or
 - (B) By the true vapor pressure of each type of crude oil with a Reid vapor pressure less than 13.8 kPa (2.00 psia). When physical properties preclude determination of the vapor pressure by

Section III: Applicable Requirements and Compliance Demonstration

this method, the vapor pressure shall be determined from available data and recorded if the estimated maximum true vapor pressure is greater than 3.5 kPa (0.508 psia)
[40 CFR §60.116b(e)(2)(ii)]

- iii. For other liquids, determine the vapor pressure from standard reference texts, or
 - (A) By ASTM Method D2879-83 determination (incorporated by reference-see 40 CFR §60.17); or
 - (B) An appropriate measurement method approved by the commissioner and Administrator; or
 - (C) By an appropriate calculation method approved by the commissioner and Administrator.
[40 CFR §60.116b(e)(3)]
- iv. Determine compliance with the RVP of gasoline to be sold or delivered to any gasoline service station in Connecticut by using the following ASTM test methods [RCSA §22a-174-20(a)(7)]:
 - (A) ASTM Method D323-82, “Standard Method for Vapor Pressure of Petroleum Products (Reid Method)”;
 - (B) ASTM Method D4057-81, “Standard Practice for Sampling of Petroleum and Petroleum Products”; or
 - (C) ASTM Method D270 “Standard Method of Sampling of Petroleum and Petroleum Products”

c. *Record Keeping Requirements*

In accordance with Section VIII.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of the average monthly storage temperature, the maximum true vapor pressure, monthly throughput, the type of volatile organic compounds stored, and the period of storage shall be maintained. [40 CFR §60.116b(c) and RCSA §22a-174-20(a)(8)(E)]

d. *Reporting Requirements*

The Permittee shall provide the records specified in Section III.A.2.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

B. GEU 2, Truck Loading Rack Units

1. VOC/HAPs control

a. *Limitations and Restrictions*

- i. The emissions to the atmosphere from the carbon adsorption system (the VRU) due to the loading of liquid product into gasoline cargo tanks shall not exceed 10 milligrams of total organic compounds per liter of gasoline loaded over a six hour period.
[40 CFR §63.422(b) and RCSA §22a-174-20(b)(2)(B)]
- ii. The fugitive emissions to the atmosphere due to the loading of liquid product into gasoline cargo tanks shall not exceed 13 milligrams of total organic compounds per liter of gasoline loaded.
[40 CFR §63.420(a)(1)]

b. *Monitoring and Testing Requirements*

Emissions of VOC/HAPs shall not exceed the limitations stated in Section III.B.1 of this Title V permit. The Permittee shall demonstrate compliance with such limitations based on, but not limited to, the

Section III: Applicable Requirements and Compliance Demonstration

following requirements:

- i. Operate and maintain, according to the manufacturer's specifications, a carbon adsorption system (the VRU) that is designed to collect the total organic compounds vapors displaced from the gasoline cargo tanks during product loading. The emissions to the atmosphere from the carbon adsorption system (the VRU) due to the loading of the gasoline cargo tanks shall not exceed 10 milligrams of total organic compounds per liter (10 mg/l) of gasoline loaded over a six hour period. [40 CFR §60.502(a); 40 CFR §63.422(b) and RCSA §22a-174-20(b)(2)(B)]
 - ii. The carbon adsorption system (the VRU) shall be designed to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. [40 CFR §60.502(d)]
 - iii. The carbon adsorption system (the VRU) shall be operated by the Permittee to prevent any total organic compounds vapors collected at one loading rack from passing to another loading rack. [40 CFR §60.502 (d)]
 - iv. A quarterly performance test on the continuous emission monitoring system shall be conducted by a licensed and qualified consultant hired by the Permittee. The second quarter test shall be a relative accuracy test audit (RATA). [40 CFR Part 60 Appendix F and 40 CFR §63.425]
 - v. For each performance test conducted on the carbon adsorption system, the Permittee shall determine a monitored operating parameter value for the carbon adsorption system using the following procedure [40 CFR §63.425(b)]:
 - (A) During the performance test, the Permittee shall continuously record the operating parameter under 40 CFR §63.427(a); and
 - (B) Determine an operating parameter value based on the parameter data monitored during the performance test, supplemented by engineering assessments and the manufacturer's recommendations.
 - vi. Operate and maintain, according to the manufacturer's specifications, a continuous emission monitoring system capable of measuring organic compound concentration in the exhaust air stream on a continuous basis, averaged over a one hour period. [40 CFR §63.427(a)(1)]
 - vii. To ensure that the emissions remain at or below 10 mg/l of the gasoline loaded, the Permittee shall operate the carbon adsorption system (the VRU) and the booster in accordance with all manufacturers' specifications and recommendations. Reference methods and test procedures as stated in 40 CFR §60.503(a) & (c) shall be used by the Permittee to determine compliance with 10 mg/l of the gasoline loaded requirement. [RCSA §22a-174-20(b)(2)(B)]
 - viii. The loading racks shall be equipped with loading arms that have a vapor collection adapter, pneumatic, hydraulic, or other mechanical means to force a vapor-tight seal between the adapter and the hatch. A means shall be provided to prevent liquid organic compound drainage from the loading device when it is removed from the hatch of any cargo tank or to accomplish complete drainage before such removal. When loading is effected through means other than hatches, all loading and vapor lines shall be equipped with fittings which make vapor-tight connections and which close automatically when disconnected. [RCSA §22a-174-20(b)(3)]
- c. *Record Keeping Requirements*

In accordance with Section VIII.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Records of all replacements or additions of components or parts on the carbon adsorption system and records of all repairs and maintenance done on the carbon adsorption. [40 CFR §60.505(f)]
- ii. For each performance test performed on the VRU by the Permittee after the initial test, the Permittee shall document the reasons for any change in the operating parameter value since the previous performance test. [40 CFR §63.425(c)]
- iii. An up-to-date, readily accessible record of the continuous emission monitoring system data shall be

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kept. This record shall indicate the time intervals during which loading of gasoline cargo tanks have occurred or, alternatively, shall record the operating parameter data for each loading. The date and time of day shall also be indicated at reasonable intervals on this record. [40 CFR §63.428(c)(1)]

- iv. An up-to-date, readily accessible record of the quarterly performance audits performed on the carbon adsorption system. [RCSA §22a-174-33(j)(1)(K)(ii)]
- v. Monthly VOC emissions shall be recorded and used to determine the annual VOC emissions on a 12 month rolling average. [RCSA §22a-174-33(o)(2)]

d. *Reporting Requirements*

The Permittee shall provide the following reports:

- i. Prior to conducting any of the testing required by 40 CFR §63.425, notify the commissioner and Administrator in writing, of the time and location of the test at least 48 hours in advance. Submit a copy of the test report to the commissioner and Administrator within ten days after performing the test. [40 CFR §63.425 and RCSA §22a-174-20(b)(14)]
- ii. For each performance test conducted, provide, for the commissioner's and Administrator's approval, the rationale for the selected operating parameter value, the monitoring frequency and averaging time, including data and calculations used to develop the value and a description of why the value, monitoring frequency, and averaging time demonstrate continuous compliance with the emission standard of 10 mg/l of gasoline loaded. [40 CFR §63.425(b)]
- iii. Submit copies of all performance audit test reports in writing to the commissioner within ten days after performing the test. [RCSA §22a-174-20(b)(14) and RCSA 22a-174-33(j)(1)(K)]
- iv. Provide the records specified in Section III.B.1.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

2. Vapor-tightness, Gauge Pressure and Visible Liquid Leaks in Gasoline Cargo Tanks

a. *Limitations and Restrictions*

- i. The Permittee shall not load gasoline into gasoline cargo tanks at the premises unless the gasoline cargo tanks are vapor-tight and equipped with vapor collection and processing equipment that are compatible with the terminal's carbon adsorption system (the VRU). [40 CFR §60.502(f)]
- ii. The vapor collection and processing systems and the liquid loading equipment shall be designed such that during product loading and unloading, the gasoline cargo tank shall not be subject to a gauge pressure in the excess of 450 mm of water, nor a vacuum in excess of 152 mm of water. [40 CFR §60.502(h) and RCSA §22a-174-20(b)(15)(A)]
- iii. The Permittee shall ensure that during loading and unloading operations, there are no visible liquid leaks. The Permittee shall ensure that there is never a reading equal to or greater than the Lower Explosive Limit (LEL, measured as propane) at one inch from any source of potential leaks as detected by a combustible gas detector. [RCSA §22a-174-20(b)(15)(B)]

b. *Monitoring and Testing Requirements*

The Permittee shall demonstrate compliance with the cargo tank requirements in Section III.B.2 of this Title V permit based on, but not limited to, the following requirements:

- i. Loading of liquid product into gasoline cargo tanks shall be limited to vapor-tight gasoline cargo tanks using the following procedures [40 CFR §60.502(e)]:
 - (A) Obtain the vapor tightness documentation as described in 40 CFR §60.505(b) and in Section III.B.2.b of this Title V permit for each gasoline cargo tank which is to be loaded at the premises. [40 CFR §60.502(e)(1)]
 - (B) Require the gasoline cargo tank's identification number to be recorded as each gasoline cargo

Section III: Applicable Requirements and Compliance Demonstration

tank is loaded at the premises. [40 CFR §60.502(e)(2)]

- (C) Cross-check each gasoline cargo tank's identification number, with the file of gasoline cargo tank vapor tightness documentation within two weeks after the corresponding gasoline cargo tank is loaded, unless either of the following conditions is maintained [40 CFR §60.502(e)(3)]:
 - (1) If less than the average of one gasoline tank truck per month over the last 26 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed each quarter; or
 - (2) If less than the average of one gasoline tank truck per month over the last 52 weeks is loaded without vapor tightness documentation then the documentation cross-check shall be performed semi-annually.

If either the quarterly or semi-annual cross-check reveals that these conditions are not maintained, the Permittee must return to biweekly monitoring until such time as these conditions are again met.

- ii. Loading of gasoline cargo tanks at the premises shall not occur unless the gasoline cargo tanks are equipped with vapor collection and processing equipment that are compatible with the terminal's vapor collection and carbon adsorption system (the VRU). [40 CFR §60.502(f)]
- iii. Non-vapor tight gasoline cargo tanks shall not be reloaded at the premises until vapor tightness documentation for that cargo tank is obtained by the Permittee which assures that the gasoline cargo tank meets the applicable test requirements of 40 CFR §63.425(e). [40 CFR §63.422(c)(2)]
- iv. If a gasoline cargo tank fails a specified test at the premises, the Permittee shall cease loading such gasoline cargo tank and refuse to fill such gasoline cargo tank until the gasoline cargo tank meets the requirements of CFR §Part 63.422(c)(2)(ii). [40 CFR §63.422(c)(2)(ii)]
- v. The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. The Permittee shall take measures including, but not limited to, the following [40 CFR §63.424(g)]:
 - (A) Minimize gasoline spills;
 - (B) Clean up spills immediately;
 - (C) Cover all open gasoline containers with a gasket seal when not in use; and
 - (D) Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices such as oil/water separators.
- vi. The Permittee shall not load a gasoline cargo tank unless it is obtained in writing by the Permittee that [RCSA 22a-174-20(b)(10)]:
 - (A) the hatches of the cargo tank are closed at all times during loading and unloading operations;
 - (B) the pressure relief valves on the cargo tank are set to release at no less than 0.7 pounds per square inch; and
 - (C) the vapor laden gasoline cargo tank is refilled only at facilities that meet all the control requirements for a bulk gasoline terminal.
- vii. No gasoline cargo tank shall be loaded until the Permittee receives written documentation that such gasoline cargo tank was [RCSA 22a-174-20(b)(12)]:
 - (A) Tested at least once every 12 months in accordance with Method 27 as set forth in Appendix A of 40 CFR Part 60 or another manner accepted by the Administrator and approved by the commissioner in accordance with RCSA §22a-174-5;
 - (B) During the test of the gasoline cargo tank, the gasoline cargo tank sustains a pressure change of no more than three inches of water in five minutes when pressurized to a gauge pressure of 18 inches of water or when evacuated to a gauge pressure of six inches of water; and
 - (C) The gasoline cargo tank displays a marking near the U.S. Department of Transportation

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markings required by 49 CFR §177.824 which shows the initials "DEEP" and the date of the last test or comparable markings as required by either the Connecticut Department of Transportation or the Connecticut Department of Motor Vehicles.

- viii. The Permittee shall observe loading and unloading operations, checking to ensure that there are no visible liquid leaks and there is never a reading equal to or greater than the Lower Explosive Limit (LEL, measured as propane) at one inch from any source of potential leaks as detected by a combustible gas detector using the test procedure described in Appendix B of "Control of Volatile Organic Compound from Gasoline Tank Trucks and Vapor Collection Systems" (EPA-450/2-78-051). [RCSA §22a-174-20(b)(15)(B)]

c. *Record Keeping Requirements*

In accordance with Section VIII.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. The documentation file for each gasoline cargo tank kept by the Permittee shall be updated at least once per year to reflect current test results as determined by Method 27. The documentation shall include, as a minimum, the information pursuant to 40 CFR §60.505(b). [40 CFR §60.505(b)]
- ii. Records of all notifications required in 40 CFR §60.502(e)(4) on file at the terminal. [40 CFR §60.505(d)]
- iii. Records of the annual certification testing performed under 40 CFR §63.425(e) for each gasoline cargo tank loading at the premises. [40 CFR §63.428(b)(1)]
- iv. Records of continuous performance testing performed at any time under 40 CFR §63.425(f), (g) and (h). [40 CFR §63.428(b)(2)]
- v. An up-to-date documentation file for each gasoline cargo tank loading at the premises as required in 40 CFR §63.428(b)(3) including documentation concerning vapor tightness. [40 CFR §63.428(b)(3)]
- vi. The Permittee shall record the following information in the logbook for each leak that is detected: [40 CFR §63.428(e)]:
 - (A) The equipment type and identification number of the equipment where a leak is located;
 - (B) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound, smell or probe);
 - (C) The date the leak was detected and the date of each attempt to repair the leak;
 - (D) Repair methods applied in each attempt to repair the leak;
 - (E) If the leak is not repaired within 15 calendar days after discovery of the leak, the reason for the delay;
 - (F) The expected date of successful repair of the leak if the leak is not repaired within 15 days; and
 - (G) The date of successful repair of the leak.

d. *Reporting Requirements*

The Permittee shall provide the following reports:

- i. Submit an excess emissions report to the Administrator and commissioner semiannually. [40 CFR §63.10(e)(3)(i) and 40 CFR §63.428(h)]
- ii. Prior to conducting any of the testing required by 40 CFR §63.425, notify the commissioner and Administrator in writing, of the time and location of the test at least 48 hours in advance. Submit a copy of the test report to the commissioner and Administrator within ten days after performing the test. [40 CFR §63.425 and RCSA §22a-174-20(b)(14)]
- iii. Submit semiannually to the commissioner and Administrator, a report that includes each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by

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the Permittee. The report shall also include the number of equipment leaks at the gasoline cargo tank not repaired within five days after detection. [40 CFR §63.428(g)]

- iv. Provide the records specified in Section III.B.2.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

C. EU 16, Equipment/Piping – Product Distribution/Transfer

1. Volatile Organic Liquid

a. *Limitations or Restrictions*

The Permittee shall not allow gasoline to be handled in a manner that would result in vapor releases to the atmosphere for extended periods of time. The Permittee shall take measures including, but not limited to, the following:

- i. Minimize gasoline spills;
- ii. Clean up spills immediately;
- iii. Cover all open gasoline containers with a gasket seal when not in use; and
- iv. Minimize gasoline sent to open waste collection systems that collect and transport gasoline to reclamation and recycling devices, such as oil/water separators.

b. *Monitoring and Testing Requirements*

The Permittee shall demonstrate compliance with the requirements in Section III.C of this Title V permit based on, but not limited to, the following requirements.

- i. The Permittee shall perform a monthly leak inspection of all equipment in gasoline service. For this inspection, detection methods incorporating sight, sound and smell are acceptable. Each piece of equipment shall be inspected during the loading of a gasoline cargo tank. [40 CFR §63.424(a)]
- ii. When a leak is detected, an initial attempt at repair shall be made as soon as practicable, but no later than five calendar days after the leak is detected. Repair or replacement of leaking equipment shall be completed within 15 calendar days after detection of each leak. [40 CFR §63.424(c)]
- iii. Delay of repair of leaking equipment will be allowed upon a written demonstration, to the commissioner's and Administrator's satisfaction, that repair within 15 days is not feasible. The Permittee shall provide the reason(s) a delay is needed and the expected date for the completion of each repair. [40 CFR §63.424(d)]

c. *Record Keeping Requirements*

In accordance with Section VIII.F of this Title V permit, the Permittee shall make and maintain the following records for a minimum of five years, commencing on the date such records were created [RCSA §22a-174-33(o)(2)]:

- i. Sign a logbook at the completion of each inspection and indicate when the inspection was done, who did the inspection, specifically what was inspected and the results of the inspection. A section of the log shall contain a list, summary description or diagram(s) showing the location of all equipment in gasoline service at the premises. [40 CFR §63.424(b)]
- ii. For each leak detected, the following shall be recorded in the log book [40 CFR §63.424(c) and 40 CFR §63.428(e)]:
 - (A) The equipment type and identification number of the equipment where the leak is located;
 - (B) The nature if the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound or smell);

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- (C) The date the leak was detected and the date of each attempt to repair the leak;
- (D) Repair methods applied in each attempt to repair the leak;
- (E) If the leak is not repaired within 15 calendar days after the discovery of the leak, the reason for the delay;
- (F) The expected date of successful repair of the leak if the leak is not repaired within 15 days; and
- (G) The date of successful repair of the leak.

d. *Reporting Requirements*

The Permittee shall provide the following reports:

- i. Include in a semi-annual report to the commissioner and Administrator the following information, as applicable [40 CFR §63.10(e)(3)(i) and 40 CFR §63.428(h)]:
 - (A) Each loading of a gasoline cargo tank for which vapor tightness documentation had not been previously obtained by the Permittee;
 - (B) The equipment type and identification number for each leak that is detected;
 - (C) The nature of the leak (i.e., vapor or liquid) and the method of detection (i.e., sight, sound or smell);
 - (D) The date the leak was detected and the date of each attempt to repair the leak;
 - (E) Repair methods applied in each attempt to repair the leak;
 - (F) If the leak is not repaired within 15 calendar days after the discovery of the leak, the reason for the delay;
 - (G) The expected date of successful repair of the leak if the leak is not repaired within 15 days;
 - (H) The date of successful repair of the leak; and
 - (I) The number of equipment leaks not repaired within five days after detection, the location and size of such leaks.
- ii. Provide the records specified in Section III.C.1.c of this Title V permit to the commissioner within 30 days of receipt of a written request from the commissioner or such sooner time as the commissioner may require. [RCSA §22a-174-4(d)(1)]

Section III: Applicable Requirements and Compliance Demonstration

D. PREMISES-WIDE GENERAL REQUIREMENTS

TABLE III.D: PREMISES-WIDE GENERAL REQUIREMENTS		
Pollutants or Process Parameters	Applicable Regulatory References/Citations	Compliance Demonstration Requirements
Annual Emission Statements	RCSA §22a-174-4	1. The Permittee shall submit annual emission statements requested by the commissioner as set forth in RCSA §22a-174-4(d)(1).
Emission Testing	RCSA §22a-174-5	2. The Permittee shall comply with the procedures for sampling, emission testing, sample analysis, and reporting as set forth in RCSA §22a-174-5.
Emergency Episode Procedures	RCSA §22a-174-6	3. The Permittee shall comply with the procedures for emergency episodes as set forth in RCSA §22a-174-6.
Reporting of Malfunctioning Control Equipment	RCSA §22a-174-7	4. The Permittee shall comply with the reporting requirements of malfunctioning control equipment as set forth in RCSA §22a-174-7.
Prohibition of Air Pollution	RCSA §22a-174-9	5. The Permittee shall comply with the requirement to prevent air pollution as set forth in RCSA §22a-174-9.
Public Availability of Information	RCSA §22a-174-10	6. The public availability of information shall apply, as set forth in RCSA §22a-174-10.
Prohibition Against Concealment/ Circumvention	RCSA §22a-174-11	7. The Permittee shall comply with the prohibition against concealment or circumvention as set forth in RCSA §22a-174-11.
Violations and Enforcement	RCSA §22a-174-12	8. The Permittee shall not violate or cause the violation of any applicable regulation as set forth in RCSA §22a-174-12.
Variances	RCSA §22a-174-13	9. The Permittee may apply to the commissioner for a variance from one or more of the provisions of these regulations as set forth in RCSA §22a-174-13.
No Defense to Nuisance Claim	RCSA §22a-174-14	10. The Permittee shall comply with the regulations as set forth in RCSA §22a-174-14.
Severability	RCSA §22a-174-15	11. The Permittee shall comply with the severability requirements as set forth in RCSA §22a-174-15.
Responsibility to Comply	RCSA §22a-174-16	12. The Permittee shall be responsible to comply with the applicable regulations as set forth in RCSA §22a-174-16.
Particulate Emissions	RCSA §22a-174-18	13. The Permittee shall comply with the standards for control of particulate matter and visible emissions as set forth in RCSA §22a-174-18. (Section 18 approved by EPA on 9-23-1982, current Regulation submitted to EPA on 12-1-2004.)
Sulfur Compound Emissions	RCSA §22a-174-19	14. The Permittee shall comply with the requirements for control of sulfur compound emissions as set forth in RCSA §22a-174-19.
Organic Compound Emissions	RCSA §22a-174-20	15. The Permittee shall comply with the requirements for control of organic compound emissions as set forth in RCSA §22a-174-20.
Carbon Monoxide Emissions	RCSA §22a-174-21	16. The Permittee shall comply with the requirements for control of carbon monoxide emissions as set forth in RCSA §22a-174-21.
Nitrogen Oxide Emissions	RCSA §22a-174-22	17. The Permittee shall comply with the requirements for control of nitrogen oxide emissions as set forth in RCSA §22a-174-22.
Emission Fees	RCSA §22a-174-26	18. The Permittee shall pay an emission fee as set forth in RCSA §22a-174-26(d).

Section III: Applicable Requirements and Compliance Demonstration

E. 112(r) ACCIDENTAL RELEASE REQUIREMENTS

Should this stationary source, as defined in 40 CFR §68.3, become subject to the accidental release prevention regulations in 40 CFR Part 68, the Permittee shall submit a risk management plan (RMP) to the Administrator by the date specified in 40 CFR §68.10.

F. ASBESTOS REQUIREMENTS

Should this stationary source, as defined in 40 CFR §61.145, become subject to the national emission standard for asbestos regulations in Subpart M of 40 CFR Part 61 when conducting any renovation or demolition at this premises, then the Permittee shall submit proper notification as described in 40 CFR §61.145(b) and shall comply with all other applicable requirements of including but not limited to 40 CFR Part 61 Subpart M.

Section IV: Operating and Maintenance Requirements

A. GENERAL REQUIREMENTS

1. The Permittee shall develop, implement and update an Operation and Maintenance (O&M) Plan for any equipment used to load or unload gasoline in accordance with RCSA §22a-174-20(b)(16)(A). The plan shall include a written start-up, shutdown and malfunction plan in accordance with 40 CFR §63.6(e).
2. The Permittee shall develop a formal training program implementing the O&M Plan for any person that receives gasoline from the premises. The Permittee shall make and keep monthly records demonstrating the implementation of the O&M Plan, including records of persons completing the required training program. All records shall be maintained on the premises for a period of five years and shall be provided to the commissioner/Administrator upon request. [RCSA §22a-174-20(b)(16)]

B. GEU 1, Internal Floating Roof Storage Tanks

1. The Permittee shall ensure that there are no visible holes, tears or other openings in the seal or any seal fabric or materials. [RCSA §22a-174-20(a)(8)(A)]
2. The Permittee shall equip all openings, except stub drains, with covers, lids or seals such that the cover, lid or seal is in the closed position at all time except when in actual use. [RCSA §22a-174-20(a)(8)(B)(i)]
3. The Permittee shall conduct routine inspections through the roof hatches once per month. [RCSA §22a-174-20(a)(8)(C)]
4. The Permittee shall conduct a complete inspection of the storage vessel's cover and seal whenever the storage vessel is emptied for non-operational reasons but in any event at least once per year. [RCSA §22a-174-20(a)(8)(D)]

C. GEU 2, Truck Loading Rack Units

1. The Permittee shall act to assure that the terminal's and the gasoline cargo tank's vapor collection and processing systems are connected during each loading of a gasoline cargo tank at the premises. Examples of actions to accomplish this include training drivers in the hook-up procedures, posting visible reminder signs at the loading rack, observing each hook-up and obtaining documentation about each gasoline cargo tank's vapor collection and processing system. [40 CFR §60.502(g)]

Section V: Compliance Schedule

Table V: COMPLIANCE SCHEDULE				
Emissions Unit	Applicable Regulations	Steps Required for Achieving Compliance (Milestones)	Date by which Each Step is to be Completed	Dates for Monitoring, Record Keeping, and Reporting
GEU 2	40 CFR Part 60 Subpart XX, 40 CFR Part 60 Subpart R, RCSA §22a-174-20(b)	The Permittee shall notify the commissioner and Administrator, in writing, when the loading rack repairs are complete and when operation will commence. A determination must be made if an NSR permit modification will be triggered.	Date repairs completed and operation will commence	According to Section III.B. of this Title V permit

Section VI: State Enforceable Terms and Conditions

Only the commissioner of the Department of Energy and Environmental Protection has the authority to enforce the terms, conditions and limitations contained in this section.

- A.** This permit does not relieve the Permittee of the responsibility to conduct, maintain and operate the emissions units in compliance with all applicable requirements of any other Bureau of the Department of Energy and Environmental Protection or any federal, local or other state agency. Nothing in this permit shall relieve the Permittee of other obligations under applicable federal, state and local law.
- B.** Nothing in this permit shall affect the commissioner's authority to institute any proceeding or take any other action to prevent or abate violations of law, prevent or abate pollution, investigate air pollution, recover costs and natural resource damages, and to impose penalties for violations of law, including but not limited to violations of this or any other permit issued to the Permittee by the commissioner.
- C.** Odors: The Permittee shall not cause or permit the emission of any substance or combination of substances which creates or contributes to an odor beyond the property boundary of the premises as set forth in RCSA §22a-174-23.
- D.** Noise: The Permittee shall operate in compliance with the regulations for the control of noise as set forth in RCSA Sections 22a-69-1 through 22a-69-7.4, inclusive.
- E.** Hazardous Air Pollutants (HAPs): The Permittee shall operate in compliance with the regulations for the control of HAPs as set forth in RCSA §22a-174-29.
- F.** Open Burning: The Permittee is prohibited from conducting open burning, except as may be allowed by CGS §22a-174(f).
- G.** Fuel Sulfur Content: The Permittee shall not use No. 2 heating oil that exceeds three-tenths of one percent sulfur by weight as set forth in CGS §16a-21a.

Section VII: Permit Shield

NO PERMIT SHIELDS HAVE BEEN GRANTED

In accordance with RCSA §22a-174-33(k), a Permittee complying with the conditions of this permit shall be deemed in compliance with any applicable requirements identified in Table VII as of the date of issuance of this permit. Also, in accordance with RCSA §22a-174-33(k), a Permittee complying with the conditions of this permit shall be deemed exempt from any non-applicable requirements identified below as of the date of issuance.

This permit shall not alter or affect the following:

- A. The provisions of §303 of the Clean Air Act, including the authority of the Administrator under the Act;
- B. The liability of an owner or operator of a Title V source for any violation of applicable requirements prior to or at the effective date of a Title V permit;
- C. The applicable requirements of the acid rain program under 40 CFR Part 72; and
- D. The ability of the Administrator or commissioner to obtain information from the owner or operator of a Title V source.

Table VII: PERMIT SHIELD				
Regulated Pollutants	Emissions Units	Applicable Requirement or Non-Applicable Requirement Descriptions	Applicable Regulatory References/ Citations	*Permit Shield Indicate
N/A				

***For "Permit Shield Indicate", use AR to indicate Applicable Requirement and NR for Non- Applicable Requirement**

Section VIII: Title V Requirements

The Administrator of the United States Environmental Protection Agency and the Commissioner of the Department of Energy and Environmental Protection have the authority to enforce the terms and conditions contained in these sections.

A. SUBMITTALS TO THE COMMISSIONER & ADMINISTRATOR

The date of submission to the commissioner of any document required by this Title V permit shall be the date such document is received by the commissioner. The date of any notice by the commissioner under this Title V permit, including, but not limited to notice of approval or disapproval of any document or other action, shall be the date such notice is delivered or the date three days after it is mailed by the commissioner, whichever is earlier. Except as otherwise specified in this Title V permit, the word "day" means calendar day. Any document or action which is required by this Title V permit to be submitted or performed by a date which falls on a Saturday, Sunday or legal holiday shall be submitted or performed by the next business day thereafter.

Any document required to be submitted to the commissioner under this Title V permit shall, unless otherwise specified in writing by the commissioner, be directed to: Office of the Director; Engineering & Enforcement Division; Bureau of Air Management; Department of Energy and Environmental Protection; 79 Elm Street, 5th Floor; Hartford, Connecticut 06106-5127.

Any submittal to the Administrator of the Environmental Protection Agency shall be in a computer-readable format and addressed to: Director, Air Compliance Program; Attn: Air Compliance Clerk; Office of Environmental Stewardship; EPA-New England, Region 1; 5 Post Office Square, Suite 100; Boston, Massachusetts 02109-3912.

B. CERTIFICATIONS [RCSA §22a-174-33(b)]

In accordance with RCSA §22a-174-33(b), any report or other document required by this Title V permit and any other information submitted to the commissioner or Administrator shall be signed by an individual described in RCSA §22a-174-2a(a), or by a duly authorized representative of such individual. Any individual signing any document pursuant to RCSA §22a-174-33(b) shall examine and be familiar with the information submitted in the document and all attachments thereto, and shall make inquiry of those individuals responsible for obtaining the information to determine that the information is true, accurate, and complete, and shall also sign the following certification as provided in RCSA §22a-174-2a(a)(4):

"I have personally examined and am familiar with the information submitted in this document and all attachments thereto, and I certify that based on reasonable investigation, including my inquiry of those individuals responsible for obtaining the information, the submitted information is true, accurate and complete to the best of my knowledge and belief. I understand that any false statement made in the submitted information may be punishable as a criminal offense under CGS §22a-175, under CGS §53a-157b, and in accordance with any applicable statute."

C. SIGNATORY RESPONSIBILITY [RCSA §22a-174-2a(a)]

For purposes of signing any Title V-related application, document, report or certification required by RCSA §22a-174-33, any corporation's duly authorized representative may be either a named individual or any individual occupying a named position. Such named individual or individual occupying a named position is a duly authorized representative if such individual is responsible for the overall operation of one or more manufacturing, production or operating facilities subject to RCSA §22a-174-33 and either:

1. The facilities employ more than 250 persons or have gross annual sales or expenditures exceeding 25 million dollars in second quarter 1980 dollars; or
2. The delegation of authority to the duly authorized representative has been given in writing by an officer of the corporation in accordance with corporate procedures and the following:
 - a. Such written authorization specifically authorizes a named individual, or a named position, having responsibility for the overall operation of the Title V premises or activity,

Section VIII: Title V Requirements

- b. Such written authorization is submitted to the commissioner and has been approved by the commissioner in advance of such delegation. Such approval does not constitute approval of corporate procedures, and
- c. If a duly authorized representative is a named individual in an authorization submitted under subclause b. of this subparagraph and a different individual is assigned or has assumed the responsibilities of the duly authorized representative, or, if a duly authorized representative is a named position in an authorization submitted under subclause b. of this subparagraph and a different named position is assigned or has assumed the duties of the duly authorized representative, a new written authorization shall be submitted to the commissioner prior to or together with the submission of any application, document, report or certification signed by such representative.

D. ADDITIONAL INFORMATION [RCSA §22a-174-33(j)(1)(X)]

The Permittee shall submit additional information in writing, at the commissioner's request, within 30 days of receipt of notice from the commissioner or by such other date specified by the commissioner, whichever is earlier, including information to determine whether cause exists for modifying, revoking, reopening, reissuing, or suspending this Title V permit or to determine compliance with this Title V permit.

In addition, within 15 days of the date the Permittee becomes aware of a change in any information submitted to the commissioner under this Title V permit or of any change in any information contained in the application, or that any such information was inaccurate or misleading or that any relevant information was omitted, the Permittee shall submit the changed, corrected, or omitted information to the commissioner.

E. MONITORING REPORTS [RCSA §22a-174-33(o)(1)]

A Permittee, required to perform monitoring pursuant this Title V permit, shall submit to the commissioner, on forms prescribed by the commissioner, written monitoring reports on March 1 and September 1 of each year or on a more frequent schedule if specified in such permit. Such monitoring reports shall include the date and description of each deviation from a permit requirement including, but not limited to:

- 1. Each deviation caused by upset or control equipment deficiencies; and
- 2. Each deviation of a permit requirement that has been monitored by the monitoring systems required under this permit, which has occurred since the date of the last monitoring report; and
- 3. Each deviation caused by a failure of the monitoring system to provide reliable data.

F. PREMISES RECORDS [RCSA §22a-174-33(o)(2)]

Unless otherwise required by this Title V permit, the Permittee shall make and keep records of all required monitoring data and supporting information for at least five years from the date such data and information were obtained. The Permittee shall make such records available for inspection at the site of the subject source, and shall submit such records to the commissioner upon request. The following information, in addition to required monitoring data, shall be recorded for each permitted source:

- 1. The type of monitoring or records used to obtain such data, including record keeping;
- 2. The date, place, and time of sampling or measurement;
- 3. The name of the individual who performed the sampling or the measurement and the name of such individual's employer;
- 4. The date(s) on which analyses of such samples or measurements were performed;
- 5. The name and address of the entity that performed the analyses;

Section VIII: Title V Requirements

6. The analytical techniques or methods used for such analyses;
7. The results of such analyses;
8. The operating conditions at the subject source at the time of such sampling or measurement; and
9. All calibration and maintenance records relating to the instrumentation used in such sampling or measurements, all original strip-chart recordings or computer printouts generated by continuous monitoring instrumentation, and copies of all reports required by the subject permit.

G. PROGRESS REPORTS [RCSA §22a-174-33(q)(1)]

The Permittee shall, on March 1 and September 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a progress report on forms prescribed by the commissioner, and certified in accordance with RCSA §22a-174-2a(a)(5). Such report shall describe the Permittee's progress in achieving compliance under the compliance plan schedule contained in this Title V permit. Such progress report shall:

1. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has met, and the dates on which they were met; and
2. Identify those obligations under the compliance plan schedule in this Title V permit which the Permittee has not timely met, explain why they were not timely met, describe all measures taken or to be taken to meet them and identify the date by which the Permittee expects to meet them.

Any progress report prepared and submitted pursuant to RCSA §22a-174-33(q)(1) shall be simultaneously submitted by the Permittee to the Administrator.

H. COMPLIANCE CERTIFICATIONS [RCSA §22a-174-33(q)(2)]

The Permittee shall, on March 1 of each year, or on a more frequent schedule if specified in this Title V permit, submit to the commissioner a written compliance certification certified in accordance with RCSA §22a-174-2a(a)(5) and which includes the information identified in 40 CFR §70.6(c)(5)(iii)(A) to (C), inclusive.

Any compliance certification prepared and submitted pursuant to RCSA §22a-174-33(q)(2) shall be simultaneously submitted by the Permittee to the Administrator.

I. PERMIT DEVIATION NOTIFICATIONS [RCSA §22a-174-33(p)]

Notwithstanding Subsection D of Section VIII of this Title V permit, the Permittee shall notify the commissioner in writing, on forms prescribed by the commissioner, of any deviation from an emissions limitation, and shall identify the cause or likely cause of such deviation, all corrective actions and preventive measures taken with respect thereto, and the dates of such actions and measures as follows:

1. For any hazardous air pollutant, no later than 24 hours after such deviation commenced; and
2. For any other regulated air pollutant, no later than ten days after such deviation commenced.

J. PERMIT RENEWAL [RCSA §22a-174-33(j)(1)(B)]

All of the terms and conditions of this Title V permit shall remain in effect until the renewal permit is issued or denied provided that a timely renewal application is filed in accordance with RCSA §§22a-174-33(g), -33(h), and -33(i).

Section VIII: Title V Requirements

K. OPERATE IN COMPLIANCE [RCSA §22a-174-33(j)(1)(C)]

The Permittee shall operate the source in compliance with the terms of all applicable regulations, the terms of this Title V permit, and any other applicable provisions of law. In addition, any noncompliance constitutes a violation of the Clean Air Act and Chapter 446c of the Connecticut General Statutes and is grounds for federal and/or state enforcement action, permit termination, revocation and reissuance, or modification, and denial of a permit renewal application.

L. COMPLIANCE WITH PERMIT [RCSA §22a-174-33(j)(1)(G)]

This Title V permit shall not be deemed to:

1. Preclude the creation or use of emission reduction credits or allowances or the trading thereof in accordance with RCSA §§22a-174-33(j)(1)(I) and 22a-174-33(j)(1)(P), provided that the commissioner's prior written approval of the creation, use, or trading is obtained;
2. Authorize emissions of an air pollutant so as to exceed levels prohibited pursuant to 40 CFR Part 72;
3. Authorize the use of allowances pursuant to 40 CFR Parts 72 through 78, inclusive, as a defense to noncompliance with any other applicable requirement; or
4. Impose limits on emissions from items or activities specified in RCSA §§22a-174-33(g)(3)(A) and (B) unless imposition of such limits is required by an applicable requirement.

M. INSPECTION TO DETERMINE COMPLIANCE [RCSA §22a-174-33(j)(1)(M)]

The commissioner may, for the purpose of determining compliance with this Title V permit and other applicable requirements, enter the premises at reasonable times to inspect any facilities, equipment, practices, or operations regulated or required under such permit; to sample or otherwise monitor substances or parameters; and to review and copy relevant records lawfully required to be maintained at such premises in accordance with this Title V permit. It shall be grounds for permit revocation should entry, inspection, sampling, or monitoring be denied or effectively denied, or if access to and the copying of relevant records is denied or effectively denied.

N. PERMIT AVAILABILITY

The Permittee shall have available at the facility at all times a copy of this Title V permit.

O. SEVERABILITY CLAUSE [RCSA §22a-174-33(j)(1)(R)]

The provisions of this Title V permit are severable. If any provision of this Title V permit or the application of any provision of this Title V permit to any circumstance is held invalid, the remainder of this Title V permit and the application of such provision to other circumstances shall not be affected.

P. NEED TO HALT OR REDUCE ACTIVITY [RCSA §22a-174-33(j)(1)(T)]

It shall not be a defense for the Permittee in an enforcement action that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this Title V permit.

Q. PERMIT REQUIREMENTS [RCSA §22a-174-33(j)(1)(V)]

The filing of an application or of a notification of planned changes or anticipated noncompliance does not stay the Permittee's obligation to comply with this Title V permit.

R. PROPERTY RIGHTS [RCSA §22a-174-33(j)(1)(W)]

Section VIII: Title V Requirements

This Title V permit does not convey any property rights or any exclusive privileges. This Title V permit is subject to, and in no way derogates from any present or future property rights or other rights or powers of the State of Connecticut, and is further subject to any and all public and private rights and to any federal, state or local laws or regulations pertinent to the facility or regulated activity affected thereby, including CGS §4-181a(b) and RCSA §22a-3a-5(b). This Title V permit shall neither create nor affect any rights of persons who are not parties to this Title V permit.

S. ALTERNATIVE OPERATING SCENARIO RECORDS [RCSA §22a-174-33(o)(3)]

The Permittee shall, contemporaneously with making a change authorized by this Title V permit from one alternative operating scenario to another, maintain a record at the premises indicating when changes are made from one operating scenario to another and shall maintain a record of the current alternative operating scenario.

T. OPERATIONAL FLEXIBILITY AND OFF-PERMIT CHANGES [RCSA §22a-174-33(r)(2)]

The Permittee may engage in any action allowed by the Administrator in accordance with 40 CFR §§70.4(b)(12)(i) to (iii)(B) inclusive, and 40 CFR §70.4(b)(14)(i) to (iv), inclusive without a Title V non-minor permit modification, minor permit modification or revision and without requesting a Title V non-minor permit modification, minor permit modification or revision provided such action does not:

1. Constitute a modification under 40 CFR Part 60, 61 or 63,
2. Exceed emissions allowable under the subject permit,
3. Constitute an action which would subject the Permittee to any standard or other requirement pursuant to 40 CFR Parts 72 to 78, inclusive, or
4. Constitute a non-minor permit modification pursuant to RCSA §22a-174-2a(d)(4).

At least seven days before initiating an action specified in RCSA §22a-174-33(r)(2)(A), the Permittee shall notify the Administrator and the commissioner in writing of such intended action.

U. INFORMATION FOR NOTIFICATION [RCSA §22a-174-33(r)(2)(A)]

Written notification required under RCSA §22a-174-33(r)(2)(A) shall include a description of each change to be made, the date on which such change will occur, any change in emissions that may occur as a result of such change, any Title V permit terms and conditions that may be affected by such change, and any applicable requirement that would apply as a result of such change. The Permittee shall thereafter maintain a copy of such notice with the Title V permit. The commissioner and the Permittee shall each attach a copy of such notice to their copy of the Title V permit.

V. TRANSFERS [RCSA §22a-174-2a(g)]

No person other than the Permittee shall act or refrain from acting under the authority of this Title V permit unless such permit has been transferred to another person in accordance with RCSA §22a-174-2a(g).

The proposed transferor and transferee of a permit shall submit to the commissioner a request for a permit transfer on a form provided by the commissioner. A request for a permit transfer shall be accompanied by any fees required by any applicable provision of the general statutes or regulations adopted thereunder. The commissioner may also require the proposed transferee to submit with any such request, the information identified in CGS §22a-6m.

Section VIII: Title V Requirements

W. REVOCATION [RCSA §22a-174-2a(h)]

The commissioner may revoke this Title V permit on his own initiative or on the request of the Permittee or any other person, in accordance with CGS §4-182(c), RCSA §22a-3a-5(d), and any other applicable law. Any such request shall be in writing and contain facts and reasons supporting the request. The Permittee requesting revocation of this Title V permit shall state the requested date of revocation and provide evidence satisfactory to the commissioner that the subject source is no longer a Title V source.

Pursuant to the Clean Air Act, the Administrator has the power to revoke this Title V permit. Pursuant to the Clean Air Act, the Administrator also has the power to reissue this Title V permit if the Administrator has determined that the commissioner failed to act in a timely manner on a permit renewal application.

This Title V permit may be modified, revoked, reopened, reissued, or suspended by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(r), CGS §22a-174c, or RCSA §22a-3a-5(d).

X. REOPENING FOR CAUSE [RCSA §22a-174-33(s)]

This Title V permit may be reopened by the commissioner, or the Administrator in accordance with RCSA §22a-174-33(s).

Y. CREDIBLE EVIDENCE

Notwithstanding any other provision of this Title V permit, for the purpose of determining compliance or establishing whether a Permittee has violated or is in violation of any permit condition, nothing in this Title V permit shall preclude the use, including the exclusive use, of any credible evidence or information.